



FINAL REPORT

Phase One Environmental Site Assessment

6409, 6363 and 6295 Perth Street, Ottawa, Ontario

Submitted to:

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Executive Summary

The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should examine the complete report.

Golder Associates Ltd. (Golder) was retained by Caivan (Richmond North) Limited (“Caivan”) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the properties located at 6409, 6363 and 6295 Perth Street in Ottawa, Ontario (herein after referred to as the “Site” or “Phase One Property”) as shown on Figures 1. For reporting purposes, Site north has been defined such that Perth Street has an east-west axis. At the time of the Site visits, conducted on December 10, 2019 and May 22, 2020, the Site consisted of undeveloped vacant and agricultural land with the exception of a farm property on the southwest corner of the 6409 Perth Street portion of the Site (southwest portion of Site). The farm property included a residential house, a garage, a wooden barn and a small wooden shed. The house was occupied during the initial December 2019 Site visit but was vacant at the time of the May 2020 Site visit.

It is understood that the Phase One Property is proposed to be developed with residential buildings, there will be no change in the land use from less sensitive to more sensitive given that the Site has never been developed. As such, there is no mandatory requirement for an RSC to be filed for the Site.

The Phase One ESA was completed in accordance with Ontario Regulation (O. Reg. 153/04), as amended, and included a review of available current and historical information regarding the Site and surrounding properties, a Site reconnaissance, interviews, evaluation of readily available information, and reporting, subject to the limitations outlined in Section 9.0 of this report.

Potentially contaminating activities, which if currently or historically carried out at a Site, may contribute to an area of potential environmental concern (APEC). Based on the information obtained as part of this Phase One ESA, the following PCAs were identified within the Phase One Study Area:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of a heating oil AST located along the exterior portion of the western house wall. Hydrocarbon impacts were previously identified in the surface soil in the vicinity the AST but have since been remediated.	Site observations and 2020 Remediation Report	Given that the hydrocarbon impacted soils were sufficiently remediated in July2020 following the removal of the AST, the AST is not considered to be a PCA that will result in an APEC on the Site.
	28. Gasoline and Associated Products Storage in Fixed Tanks – Former presence of a heating oil AST located in the southwest corner of the basement of the house.	Site observations	Although the heating oil AST was formerly located on a dirt floor basement, there have been no reported spills from the AST and no evidence of spills (i.e., odours, stained walls or stained soil) was observed in the basement at the time of the Site visit. Furthermore, any potential

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
			spills from this tank were likely cleaned up immediately as the house has always been occupied during the time the tank was present. Therefore, this PCA is not considered to represent an APEC on the Site.
Phase One Study Area	<p>28. Gasoline and Associated Products Storage in Fixed Tanks – Current presence of two fuel ASTs located approximately 10 m west of the 6363 Perth Street portion of the Site on the Home Hardware property at 6379 Perth Street.</p>	Site observations	<p>Given that these tanks were ASTs, any spills or leaks would have been likely noticed and cleaned up quickly as opposed to USTs which can have unnoticed spills for long periods of time. Given that there have been no documented spills from these tanks, the potential for extensive subsurface impacts from the tanks is low. Additionally, given that the subsurface conditions at the Site and adjacent lands consist of low permeability clay, the potential for contaminant migration from the tanks to the Site, if any, is reduced. Therefore, this PCA is not considered to represent an APEC on the Site.</p>
	<p>#30 Importation of Fill Material of Unknown Quality – Fill containing odours was reported to be present along Perth Street approximately 75 m east of 6363 and 85 m east of 6295 Perth Street.</p>	Previous Geotechnical Report	<p>Given that the fill is located off-Site along Perth Street between the 6295 and 6363 Perth Street portion of the Site is inferred to be limited to the roadway itself and located cross to down-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.</p>

Based on the information obtained as part of this Phase One ESA, none of the PCAs were considered to result in an APEC on the Site and therefore a Phase Two ESA is not recommended to be carried at this time.

There were no material deviations to the Phase One ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the Phase One Conceptual Site Model or the findings of this Phase One ESA.

Table of Contents

EXECUTIVE SUMMARY	i
1.0 INTRODUCTION	1
1.1 Phase One Property Information.....	1
2.0 SCOPE OF INVESTIGATION	1
3.0 RECORDS REVIEW	2
3.1 General.....	2
3.1.1 Phase One Study Area Determination.....	2
3.1.2 First Developed Use Determination	2
3.1.3 Fire Insurance Plans	2
3.1.4 Chain of Title	2
3.1.5 City Directories.....	2
3.1.6 Environmental Reports	2
3.2 Environmental Source Information.....	3
3.2.1 ERIS Report	3
3.2.2 Ministry of the Environment, Conservation and Parks.....	6
3.2.3 City of Ottawa.....	6
3.2.4 Ministry of Natural Resources and Forestry (MNR).....	6
3.2.5 Technical Standards and Safety Authority, Fuel Safety Division Records	6
3.3 Physical Setting Sources	7
3.3.1 Aerial Photographs	7
3.3.2 Topography, Hydrology and Geology	7
3.3.3 Fill Materials	9
3.3.4 Water Bodies and Areas of Natural Significance.....	9
3.3.5 Well Records.....	10
3.4 Site Operating Records.....	10
4.0 INTERVIEWS	10

5.0	SITE RECONNAISSANCE	10
5.1	General Requirements	10
5.2	Specific Observations at Phase One Property.....	10
5.2.1	Enhanced Investigation Property	15
5.3	Surrounding Land Use	15
5.4	Written Description of Investigation	16
6.0	REVIEW AND EVALUATION OF INFORMATION	17
6.1	Current and Past Uses of the Site.....	17
6.2	Potentially Contaminating Activity	17
6.3	Areas of Potential Environmental Concern	19
6.4	Conceptual Site Model	19
6.4.1	Uncertainty and Absence of Information.....	20
7.0	CONCLUSIONS	20
7.1	Record of Site Condition Based on Phase One Environmental Site Assessment Alone	20
8.0	REFERENCES	21
9.0	LIMITATIONS AND USE OF REPORT	22
10.0	STATEMENT OF COMPLETION	22
11.0	CLOSURE	23

FIGURES

Figure 1: Key Plan

Figure 2: Site Plan

Figure 3: Topographic Map and Areas of Natural Significance

Figure 4: Surficial Geology

Figure 5: Bedrock Geology

Figure 6: Drift Thickness

Figure 7: Soil Survey Complex (Ontario Soils)

Figure 8: Physiography Map

APPENDICES

APPENDIX A

Regulatory Responses

APPENDIX B

ERIS Report, City Directories

APPENDIX C

Site Photographs

APPENDIX D

Aerial Photographs

1.0 INTRODUCTION

1.1 Phase One Property Information

Golder Associates Ltd. (Golder) was retained by Caivan (Richmond North) Limited (“Caivan”) to conduct a Phase One Environmental Site Assessment (Phase One ESA) of the following properties:

Municipal Address	6409, 6363 and 6295 Perth Street, Ottawa, Ontario
Property Identification Numbers	6409 Perth Street: 044370072, 044370073 and 044370074 6363 Perth Street: 044370068, 044370070 and 044370521 6295 Perth Street: 044370054, 044370056 and 044370056
Legal Description	Part of Units 26, 21 and 24, Plan D21, Rideau-Goulbourn

The Site location is provided on Figure 1. A Site plan is provided on Figure 2. For reporting purposes, Site north has been defined such that Perth Street has an east-west axis.

The contact information for the Site is:

Owner/Client	Address	Contact Information
Caivan (Richmond North) Limited	2934 Baseline Road Ottawa, Ontario K2H 1B2	Andrew Finnson Office: 613-518-1864 ext. 501 Email: Andrew.finnson@caivan.com

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary qualitative assessment of the environmental condition of a property, based on a review of current activities and historical information for the Site and a review of relevant and readily available environmental information for the surrounding properties located within a 250 metre (m) radius of the boundary of the Site (collectively referred to as the “Phase One Study Area”). The boundary of the Phase One Study Area is presented in Figure 2.

The objectives of the Phase One ESA are to:

- 1) Develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Site.
- 2) Determine the need for a Phase Two Environment Site Assessment (ESA).
- 3) Provide a basis for carrying out a Phase Two ESA.
- 4) Provide adequate preliminary information about environmental conditions in the land or water on, in, or under the Site for the conduct of a risk assessment following completion of a Phase Two ESA.
- 5) Identify and report on evidence of actual and/or potential contamination on the Site from current and historical activities at the Site or from adjacent properties.

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

For the purpose of this Phase One ESA, the Phase One Study Area is the area within a 250 m radius of the boundary of the Site. Based on Golder's review of the historical and current information compiled as part of this Phase One ESA for the area surrounding the Site and observations of neighbouring properties made during the Site visit, it was concluded that an assessment of information pertaining to properties within 250 m of the boundary of the Site was sufficient to achieve the objectives of the Phase One ESA.

3.1.2 First Developed Use Determination

Based on the information obtained in the documentation review (discussed in the next sections of this report) and information provided by the Site Representative, the Site has never been developed and has consisted of vacant land since at least 1945.

3.1.3 Fire Insurance Plans

Golder conducted a search of available Fire Insurance Plans (FIPs) for the Phase One Property and the surrounding properties within the Phase One Study Area. FIPs were not available for the Phase One Property or the Phase One Study Area.

3.1.4 Chain of Title

From Golder's review of aerial photography and other information, the majority of the Phase One Property (with the exception of the farm property at 6409 Perth Street) has been undeveloped, agricultural and/or vacant land since at least 1946. Chain of Title information was not ordered as it was deemed that the other information from the records review would satisfy the objectives of the records search and that the information to be provided in a Chain of Title would not contribute additional environmental information relevant to the Phase One ESA.

3.1.5 City Directories

A significant amount of information for the Site and surrounding properties was obtained from the ERIS report, City of Ottawa Historical Land Use Inventory (HLUI) and aerial photographs discussed in Section 3.2.1, 3.2.3 and 3.3.1, respectively. As such, city directories for all the properties within the Phase One Study Area were not reviewed as they would not likely provide any further information.

3.1.6 Environmental Reports

The following environmental and geotechnical reports associated with the Site or surrounding properties within the Phase One Study Area were reviewed by Golder:

- **"2019 Geotechnical Investigation"**, *Geotechnical Investigation, Perth Street Rehabilitation and Intersection Improvements, dated November 2019*, prepared for Caivan Communities by Golder.
- **"2020 Remediation Report"**, Soil Remediation, 6409 Perth Street, Ottawa, Ontario, dated July 2020, prepared for Caivan (Richmond North) Limited by Golder.

Based on the review of the 2019 Geotechnical Investigation the following was considered noteworthy:

- The 2019 Geotechnical Investigation was completed along Perth Street from about 50 m west of Queen Charlotte Street North westerly for 450 m (i.e., portions of Perth Street south of the Site). The subsurface conditions in two boreholes completed along Perth Street south of 6335 Perth Street (approximately 75 m east of 6363 Perth Street and 85 m west of 6295 Perth Street) generally consisted of pavement over fill over native silty clay and odours were noted in the fill. No odours were noted in the adjacent borehole to the west, just southeast of the 6363 Perth Street portion of the Site, and no fill was reported in a previous hole along the ditch north of Perth Street. Therefore, the fill containing odours is inferred to be limited to the Perth Street roadway between 6363 and 6295 Perth Street but is considered to be an off-Site PCA.

Based on the review of the 2020 Remediation Report the following was considered noteworthy:

- The remediation included the removal of hydrocarbon impacts soil that was identified in the vicinity of a fuel oil aboveground storage tank (AST) on the 6409 Perth Street portion of the Site in June 2020. A soil sample collected on the south of the AST has hydrocarbon impacts above the applicable site standards (Ministry of Environment, Conservation and Parks (MECP) Table 3 Standards). The remediation program included the excavation of this impacted soil.
- Prior to remedial excavation, the fuel oil AST was removed from the Site on June 29, 2020. The soil remediation was undertaken on June 30, 2020 and included the excavation of 9.6 m³ of soil surrounding the former fuel AST location and immediately adjacent to the house. The remedial excavation was 2 m x 3 m in area and 1.6 m deep. Four validation soil samples were collected (two wall samples and two floor samples) and analyzed for petroleum hydrocarbons fractions 1 to 4 (PHCs F1-F4) and benzene, toluene, ethylbenzene and xylenes (BTEX). All samples satisfied the applicable MECP Table 3 Standards and therefore, all hydrocarbon impacted soil exceeding the applicable MECP Table 3 Standards has been removed.
- Groundwater was not encountered in the excavation.
- The subsurface condition encountered in the excavation consisted of fill material. The fill material consisted of reworked native silty sand and silty clay with the sand layer present in the upper 1.2 m.

Based on the review of the previous reports, the former presence of a fuel oil AST is considered to be an on-Site PCA. Although shallow soil impacts were previously identified around the AST, the impacted soils have been remediated and the tank has been removed. Therefore, the AST would not be considered a PCA that will result in and APEC on the Site.

3.2 Environmental Source Information

3.2.1 ERIS Report

Golder contracted ERIS to conduct a search of environmental sources, including federal, provincial, and private sector databases, for information on the Phase One Property and Study Area. The ERIS report is provided in Appendix B.

The databases searched included the following:

Federal	Provincial	Private
<ul style="list-style-type: none"> ■ Contaminated Sites on Federal Land ■ Dry Cleaning Facilities ■ Environmental Effects Monitoring ■ Environmental Issues Information System ■ Federal Convictions ■ Fisheries & Oceans Fuel Storage Tanks ■ Greenhouse Gas Emissions from Large Facilities ■ Indian & Northern Affairs Fuel Tanks ■ National Analysis of Trends in Emergencies System (NATES) ■ National Defence & Canadian Forces Fuel Storage Tanks ■ National Defence & Canadian Forces Spills ■ National Defence & Canadian Forces Waste Disposal Sites ■ National Energy Board Pipeline Incidents ■ National Energy Board Wells ■ National Environmental Emergencies System (NEES) ■ National PCB Inventory ■ National Pollutant Release Inventory ■ Parks Canada Fuel Storage Tanks ■ Transport Canada Fuel Storage Tanks 	<ul style="list-style-type: none"> ■ Abandoned Aggregate Inventory ■ Abandoned Inventory ■ Aggregate Mine Information System ■ Borehole ■ Certificates of Approval ■ Certificates of Property Use ■ Commercial Fuel Oil Tanks ■ Compliance and Convictions ■ Drill Hole Database ■ Environmental Activity and Sector Registry ■ Environmental Compliance Approval ■ Emergency Management Historical Event ■ Environmental Registry ■ Fuel Storage Tank ■ Fuel Storage Tank – Historic ■ Inventory of Coal Gasification Plants and Tar Sites ■ Inventory of PCB Storage Sites ■ Landfill Inventory Management Ontario ■ List of TSSA Expired Facilities ■ Environmental Penalty Annual Report ■ Mineral Occurrences ■ Non-Compliance Reports ■ Ontario Oil and Gas Wells ■ Ontario Regulation 347 Waste Generators Summary ■ Ontario Regulation 347 Waste Receivers Summary ■ Ontario Spills ■ Orders ■ Permit to Take Water ■ Pesticide Register ■ Private and Retail Fuel Storage Tanks ■ Record of Site Condition ■ TSSA Historic Incidents ■ TSSA Incidents 	<ul style="list-style-type: none"> ■ Anderson's Storage Tanks ■ Anderson's Waste Disposal Sites ■ Automobile Wrecking & Supplies ■ Canadian Mine Locations ■ Canadian Pulp and Paper ■ Chemical Register ■ Compressed Natural Gas Stations ■ ERIS Historical Searches ■ Oil and Gas Wells ■ Retail Fuel Storage Tanks ■ Scott's Manufacturing Directory

Federal	Provincial	Private
	<ul style="list-style-type: none"> ■ TSSA Pipeline Incidents ■ TSSA Variances for Abandonment of Underground Storage Tanks ■ Waste Disposal Sites - MOECC 1991 Historical Approval Inventory ■ Waste Disposal Sites - MOECC CA Inventory ■ Wastewater Discharger Registration Database ■ Water Well Information System 	

The complete ERIS report, including a brief description of each of the databases searched for the Phase One ESA, is included in Appendix B.

The following is a summary of the findings as identified within the ERIS report for the Site and for the surrounding properties within the Phase One Study Area:

On-Site

The ERIS Report had a record of one ERIS historical search and one water well on the Phase One Property. The well was completed in February 2018. The well is shown to be at the northeast corner of the Site; however, it is possible that it was actually on one of the adjacent residential properties’ east of the Site. No further information was provided.

Surrounding Properties within 250 metres of the Site

Noteworthy records for the Phase One Study Area (excluding the Phase One Property) included the following:

- Borehole (BORE) – There are six borehole listings within the Phase I Study Area. The boreholes were completed to depths ranging between 7.6 and 16.8 mbgs. The boreholes generally encountered clay over bedrock.
- Environmental Compliance Approval (ECA) – There were three Certificates of Approval (C of As) listings within the Phase I Study Area. The C of As were both issued for municipal and private sewage works.
- ERIS Historical Searches (EHS) – The ERIS report identified three historical search listings that were completed within the Phase I Study Area.
- Ontario Regulations 347 Waste Generators Summary (GEN) – The ERIS report has 12 records of waste generating sites within the Phase I Study Area, none of which are considered to be issues of concern.
- Pesticide Register (PES) – There are six records in the PES database which indicate that the Home Hardware, located between 6409 and 6363 Perth Street, is a vendor of pesticides.

- Pipeline Incidents (PINC) – There are two records in the PINC database for the Phase I Study Area, both of which are for natural gas releases.
- Scott's Manufacturing Directory (SCT) – Bayview Windows located southeast of the Site was listed in the Scott's Manufacturing Directory database as a building supplies wholesaler and contractor.
- Ontario Spills (SPL) – There is one record of a spill occurring within the Phase I Study Area. The record was for a natural gas release.
- Water Well Information System (WWIS) – There are 146 water wells within the Phase I Study Area. Details of the water wells are provided in the ERIS report in Appendix B.

Based on the review of the ERIS report, no issues of potential of potential environmental concern were identified for the Site or surrounding properties.

3.2.2 Ministry of the Environment, Conservation and Parks

The Ottawa district office of the Ontario Ministry of Environment, Conservation and Parks (MECP) was asked to respond in writing to the following questions:

- Active orders under the Environmental Protection Act (EPA), the *Ontario Water Resources Act* (OWRA), and the *Pesticides Act* (PA).
- Approvals under Sections 9 and 39 of the EPA as well as Sections 52 and 53 of the OWRA

A formal response from the MECP was received by Golder on February 14, 2020. The review of the MECP response indicated that no Active Orders, Certificate of Approvals, or Environmental Compliance Approvals have been issued for the Site.

3.2.3 City of Ottawa

Golder completed a review of the City of Ottawa HLUI (HLUI) for the Site and surrounding area. There were no records for the Site in the HLUI and there were no noteworthy records for the surrounding properties in the Phase One Study Area.

3.2.4 Ministry of Natural Resources and Forestry (MNRF)

Based on available resources and information provided by the MNRF Ministry of Natural Resources and Forestry (MNRF), there are no Natural Heritage Features (e.g., Provincially Significant Wetlands, Areas of Natural and Scientific Interest, etc.) located on the Site; however, there is a potential for Species at Risk (SAR) to be present on the Site or in proximity to it. It is noted; however, that the potential for SAR presence is provided by geographic townships (Goulbourn Township for this Site) which is a much larger area than the Phase One Study Area.

3.2.5 Technical Standards and Safety Authority, Fuel Safety Division Records

The Technical Standards and Safety Authority (TSSA) maintains records related to registered underground storage tanks (USTs) for petroleum-related products. The TSSA was contacted to establish the status of the Site and to identify outstanding instructions, incident reports, fuel oil spills or contamination records.

The TSSA replied on December 11, 2019 and indicated that the TSSA did not have any records for the Site or surrounding properties searched within the Phase I Study Area.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs

Aerial photographs of the Site and neighbouring properties were obtained from Golder's in-house photo records and were dated 1946, 1959, 1968 and 1985. In addition, the aerial photographs for 1976, 1991, 1999, 2002, 2005, 2011, 2014 and 2017 from the City of Ottawa geo-map (<http://maps.ottawa.ca/geoOttawa/>) were reviewed on-line. Golder selected aerial photographs based on availability and date intervals to help develop an understanding of the history of the development of the Phase I Property and Phase One Study Area. The information obtained from the aerial photographs was limited by the quality and scale of the available aerial photographs. The earliest aerial photograph available was from 1946.

The 6363 and 6295 Perth Street portions of the Site have been undeveloped vacant and/or agricultural land since at least 1946. 6409 Perth Street (westernmost portion of the Site) has been developed with a farmhouse and an associated barn since prior to 1946. Two additional barns appear to have been constructed adjacent to the original between 1976 and 1985. All buildings were located on the southwest corner of this property. The remainder and majority of this property has been vacant and/or agricultural lands since prior to 1946.

The surrounding properties to the north and west of the Site have been undeveloped vacant and/or agricultural fields since prior to 1946. A few creeks or drainage ditches are located to the lands north of the Site.

With the exception of a couple farm and residential properties located to the south of the Site and immediately adjacent to the southern portions of the Site along the north side of Perth Street, the surrounding properties south of the Site east of the Site and in between 6409 and 6295 Perth Street have been vacant and agricultural lands since prior to 1946 until the 1990's and 2000's. A few residential houses and a commercial type building were constructed to the southeast of the Site between 1991 and 1999. Ongoing residential development has occurred on the surrounding lands east of the Site since 2002. A commercial building (currently Home Hardware) was constructed at 6379 Perth Street located between and immediately adjacent to 6409 and 6363 Perth Street between 2002 and 2005. Since then a few storage buildings/structures have been built to the north of the main retail building with the storage of various supplies and/or retail products. Additionally, a north-south oriented creek has existed between 6295 and 6363 Perth Street since before 1946.

The review of the aerial photographs did not identify issues of potential environmental concern for the Site.

3.3.2 Topography, Hydrology and Geology

The following records were reviewed to identify topographic, geologic and hydrogeological conditions at the Site. A topographic map (Ontario Base Map) showing the Site and the Phase One Study Area and the location of any water bodies is provided in Figure 3. Additional information on Site features, as observed at the time of the Site visit, is provided in Section 6.

Topic	Conditions	Comment / Source
Topography of Site and Surrounding Area	The topography of the Site and surrounding area is generally even.	Site and surrounding area observations and Figure 3 – Topographic Map and Areas of Natural Significance

Topic	Conditions	Comment / Source
Overburden Soils	Offshore Marine Deposits (clay, silty clay and silt) with the exception of the westernmost portion of the Site which is expected to be Nearshore Sediments (fine to medium grained sands).	Bélanger, J. R. 2008 Urban Geology of the National Capital Area, Geological Survey of Canada, Open File 5311, 1 DVD. Current Geotechnical Investigation
Type of Bedrock	Oxford Formation (dolostone, minor shale and sandstone).	Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release – Data 219
Depth to Bedrock	The geological mapping indicates that the depth to bedrock is expected to be between 5 and 10 mbgs with the exception of the northern portion of the 6363 and 6295 Perth Street properties where it is expected to be between 10 and 15 mbgs.	2010 Bélanger, J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open File D3256, 2001
Inferred Near Surface Groundwater Flow	Local groundwater is anticipated to flow southeast towards the Jock River, a tributary to the Jock River located between the 6363 and 6395 Perth Street portion of the Site or to nearby drainage ditches which flow into the Jock River.	Site and surrounding area observations, Figure 1 – Key Plan and Figure 3 – Topographic Map and Areas of Natural Significance
Site Grade Relative to the Adjoining Properties	The Site is generally at grade with the adjacent properties.	Site and surrounding area observations and Figure 3 – Topographic Map and Areas of Natural Significance
Depth to Groundwater	Not identified.	N/A

It should be noted that local groundwater flow may be influenced by underground utilities (i.e., service trenches) and building structures. For example, the gravel pack used around utilities, such as a water line, can act as interceptors and redirect groundwater flow along the direction of the pipe. If a more accurate description of geology, groundwater flow and groundwater quality is required, a subsurface investigation would be necessary.

3.3.3 Fill Materials

Topic	Conditions	Comment / Source
Fill Materials	<p>At the time of the Site visit, a few piles of topsoil fill were present on the 6363 Perth Street portion of the Site. The fill was reported to be topsoil that had been scraped from the property itself as well as the adjacent property to the east, likely related to the future residential development of this property. The fill was located on the central portion of the property just north of the Home Hardware.</p> <p>Given that the topsoil was sourced from the property itself and the adjacent property, both of which have never been developed and have only ever been vacant or agricultural fields where no issues of concern were identified, and that no evidence of contamination (staining, odours, debris) was observed in the fill, the presence of this fill is not considered to be an issue of potential environmental concern for the Site.</p> <p>The 2020 Remediation Report indicated that fill material was present in the excavation; however, given that it was reworked native material and not imported, is it not considered to be a PCA.</p>	<p>Site observations, Site Representative, Aerial Photographs and 2020 Remediation Report</p>

3.3.4 Water Bodies and Areas of Natural Significance

Topic	Conditions	Comment / Source
Nearest Open Water Body	<p>The nearest permanent watercourse is the Jock River which is located approximately 1 kilometre southwest of the Site. There is also a tributary to the Jock River located between the 6363 and 6295 Perth Street portions of the Site and drainage ditches north of the Site.</p>	<p>Site observations and Figure 1– Key Plan</p>
Areas of Natural Significance	<p>No areas of natural and scientific interest (ANSI) are known to be located on the Site or on the Phase One Study Area. Based on available information, the Site is not considered to be an environmentally sensitive area. However, Species at Risk have been identified by the MNRF to be potentially present on the Site or on the nearby lands;</p>	<p>Figure 3 (Topographic Map and Areas of Natural Significance) and MNRF</p>

3.3.5 Well Records

Topic	Conditions	Comment / Source
Water Wells on Site (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling date, use)	The ERIS report indicated that one water well was constructed on the Site in February 2018. The well is shown to be on the northeast corner of the Site; however, it is possible that it was actually on one of the adjacent residential properties' east of the Site. No further information was provided.	ERIS Report and Site Observations
Water Wells on the Neighbouring Properties (location, stratigraphy of the overburden, from ground surface to bedrock, depth to bedrock, depth to water table, drilling rate, use)	Based on the ERIS report, there are 146 water wells within the Phase I Study Area. Details of the water wells are provided in the ERIS report in Appendix B	ERIS Report

3.4 Site Operating Records

The Site has always been used for agricultural and residential purposes. No Site operating records were provided to Golder for review.

4.0 INTERVIEWS

At the time of the Site visit, Golder conducted an interview with Graham Green (hereinafter referred to as the "Site Representative") to discuss information about the historical and current activities carried out on the Site. Pursuant to the requirements O.Reg. 153/04, the Site Representative was interviewed as the "current owner" with knowledge of current Site operations.

Relevant information obtained during the interview and Site visit is provided in Section 5.0.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

Alyssa Whiteduck of Golder visited the Site on December 10, 2019 and May 22, 2020. The Site visit consisted of a walk-around the Site along with a cursory inspection of surrounding properties from the Site and publicly accessible areas. The Site was undeveloped vegetated land with the exception of an old farm property at 6409 Perth Street. Golder did not have access to the interior of the house and garage during the December 2019 Site visit and return in May 2020 to access the interior of these buildings.

Photographs of relevant features noted during the Site visit are provided in Appendix C.

5.2 Specific Observations at Phase One Property

The specific observations made during the Site visit are presented in the following sections.

Topic	Observations	Source
<p>Structures Number and Age of Buildings on the Site</p>	<p>The only structures present on the Site were located on the farm property at 6409 Perth Street. These included a house, a parking garage, a small shed and a large barn. The house and the barn were constructed prior to 1946 and the garage and shed were constructed between 1976 and 1985.</p>	<p>Site observations, Aerial Photographs and Site Representative</p>
<p>General Descriptions of Each Building (including improvements)</p>	<p>The house is a two-storey residential house with one basement level. The house was occupied during the December 2019 Site visit but was vacant at the time of the May 2020 Site visit. It is constructed with wood and siding on a poured concrete foundation wall and has a dirt floor in the basement. The interior of the house was finished with a combination of vinyl floor tiles, wood flooring, carpet, drywall, ceramic tile and floor panelling. The basement of the house was unfinished with a dirt floor</p> <p>The barn is a tall single storey wooden building with a dirt floor that was used for the storage of firewood and old furniture.</p> <p>A garage with siding on a wooden frame and a poured concrete floor. It is used for parking vehicles and for storage of furniture.</p> <p>The storage shed is a wooden shed with a dirt floor used for storage of household items and lawn mowers.</p>	<p>Site observations and Site Representative</p>
<p>Building Areas</p>	<p>House: approximately 190 m² Barn: approximately 100 m² Garage: approximately 120 m² Storage Shed: approximately 40 m²</p>	<p>Site observations</p>
<p>Number of Floors (include all levels, whether above or below ground)</p>	<p>The house has two aboveground levels and one below ground level. The barn, garage and shed have one aboveground level.</p>	<p>Site observations</p>
<p>Number, Age, and Depth of Levels Below Ground Level</p>	<p>The house has one below ground level and was constructed prior to 1946.</p>	<p>Site observations</p>

Topic	Observations	Source
<p>Number and Details of all Aboveground Storage Tanks (ASTs)</p>	<p>At the time of the Site visits, a 900 L fibreglass heating oil AST was observed on exterior portion of the house at 6409 Perth Street along the western exterior wall. The AST was installed in 2015 and was located on a concrete slab. In addition, a pipe and a filled in hole for a former pipe was observed along the exterior of the basement foundation of the house on the north side of the house. These were likely the former fill and vent pipes for a heating oil AST formerly located in the basement as no heating oil AST was present at the time of the May 22 2020 Site visit. However, an old empty discarded heating oil AST was observed at the rear/north side of the barn. This was likely a former AST from the basement of the house. No evidence of spills or leaks (i.e., odours, staining on walls or staining in soil of dirt floor) was observed in the basement at time of the May 22 Site visit.</p> <p>Based on the age of the buildings within the Phase One Study Area, there is a potential that they formerly had, or still have, fuel oil storage tanks that were most likely ASTs.</p>	<p>Site observations</p>
<p>Number and Details of all Underground Storage Tanks (USTs)</p>	<p>No evidence (fill/vent pipes extending through walls or slabs/ground surface, no staining or any obvious odours) was observed during the Site visit to indicate the current or former presence of fuel or chemical USTs on the Site.</p>	<p>Site observations and Site Representative</p>
<p>Asbestos-Containing Materials (ACMs)</p>	<p>Based on the age of the structures (house and barn prior to 1946 and garage and shed between 1976 and 1985), potential ACMs such as floor tiles, dry wall compounds, stucco ceilings, mortar and window caulking may be present in the Site buildings.</p>	<p>Site observations</p>
<p>Lead-Based Paints (LBPs)</p>	<p>Based on the age of the structures (house and barn prior to 1946 and garage and shed between 1976 and 1985), there is a potential for lead-based paints to be present within these buildings. Some of the paint on the walls of the house were in poor peeling condition.</p>	<p>Site observations</p>
<p>Polychlorinated Biphenyls (PCB) Containing Materials and Equipment</p>	<p>No evidence was observed during the Site visit to indicate the current or former presence of PCB-containing material or equipment. However, pole-mounted transformers were noted adjacent to the roads within the Phase One Study Area. No evidence of spills or leaks was noted in the area of the transformers at the time of the Site visit. No labels indicating whether the transformers are PCB-containing or not were noted on any of the transformers.</p>	<p>Site observations</p>

Topic	Observations	Source
<u>Underground Utilities</u> Potable and Non-Potable Water Sources	The Site is connected to the municipal water supply. There were no potable water sources identified at the Site at the time of the Site visit.	Site observations
Utility Lines Present (i.e. Electrical, Natural Gas, other)	An overhead electrical line ran from a hydro pole on the south side of Perth Street to the western side of the house. Additionally, overhead electrical lines ran from a hydro pole located in the lawn to the east of the house to the northeast corner of the house and to another hydro pole on the north side of Perth Street.	Site observations
Sanitary/Process Wastewater Receptor	Sanitary wastewater is generated on-Site and discharged to the municipal sanitary sewer. No process wastewater is generated on-Site.	Site observations
Sanitary Sewer Connection	The Site is connected to the municipal sanitary sewer.	Site observations
Septic Systems	None identified.	Site observations
Storm Water Flow	Storm water run-off is through natural soil infiltration.	Site observations
Storm Sewer Connection	The Site is not connected to the municipal storm sewer.	Site observations
<u>Interior of Structures</u> Entry and Exit Points for Site Buildings	The residential building and parking garage have two entry and exit points and the barn and shed have one entry and exit point.	Site observations and Site Representative
Existing and Former Heating System(s) (include fuel type / source)	<p>The house was recently heated with heating oil until the tenants vacated the house between December 2019 and May 2020. The last used heating oil AST that was located on the west side of the house and the previous heating oil AST were located in the basement. Neither of the ASTs are present anymore. The exterior AST was removed in June 2020.</p> <p>Two chimneys were observed on the house and therefore, it is possible that this building is also currently or was formerly heated via a wood stove.</p> <p>The parking garage is heating via a wood stove. The barn and shed do not have any heating.</p>	Site observations, Site Representative and 2020 Remediation Report
Existing and Former Cooling System(s) (include fuel type / source)	None identified.	Site observations

Topic	Observations	Source
Drains, Pits, and Sumps (include current use, if any, and former use)	One sump was present in the basement of the house. No odours of sheen were noted in the groundwater.	Site observations
Unidentified Substances	None identified.	Site observations
Floor Stains or Corrosion Located near a Potential Discharge Location	None identified.	Site observations
<u>Miscellaneous Exterior</u> Location of any Current and Former Wells	None identified.	Site observations and Site Representative
Ground Cover (i.e., grass, gravel, soil, or pavement, etc.)	The majority of the Site was agricultural field. Grassed areas and a gravel driveway were present on the developed portion of 6409 Perth Street. Additionally, the southern portion of 6363 Perth Street had been stripped of the topsoil.	Site observations and Site Representative
Current or Former Railway Lines or Spurs	None observed or reported.	Site observations.
Presence of Stained Soil, Vegetation, or Pavement	None identified.	Site observations
Presence of Stressed Vegetation	None identified.	Site observations
Areas Where Fill and/or Debris Materials Appear to Have Been Placed	<p>A few piles of topsoil fill were present on the 6363 Perth Street portion of the Site. The fill was reported to be topsoil that had been scraped from the property itself as well as the adjacent property to the east, likely related to the future residential development of this property. The fill piles were located on the central portion of the property just north of the Home Hardware.</p> <p>The Remediation Report indicated that fill material was present in the excavation; however, given that it was reworked native material and not imported, is it not considered to be a PCA.</p>	Site observations, Site Representative and 2020 Remediation Report

Topic	Observations	Source
<p>Potentially Contaminating Activity</p>	<p>The former heating oil AST located on the west side of the house and the former presence of a heating oil AST in the basement of the house are concerned to be on-Site PCAs.</p> <p>Topsoil fill material was present on the Site. However, given that it was sourced from the property itself and the adjacent property, both of which have never been developed and have only ever been vacant or agricultural fields where no issues of concern were identified, and that no evidence of contamination (staining, odours, debris) was observed in the fill, the presence of this fill is not considered to be a PCA.</p> <p>The 2020 Remediation Report indicated that fill material was present in the excavation; however, given that it was reworked native material and not imported, is it not considered to be a PCA.</p>	<p>Site observations and Site Representative</p>

5.2.1 Enhanced Investigation Property

The Site has only been used for agricultural and residential purposes has not been used as an automotive garage, a bulk liquid dispensing facility or a dry-cleaning facility. As such, the Site is not considered to be an enhanced investigation property as defined by O. Reg. 153/04.

5.3 Surrounding Land Use

During the Site visit, a visual reconnaissance of the outdoor operations in the Phase One Study Area was carried out from the Site and publicly accessible areas.

The surrounding properties include residential, commercial and community land uses, as illustrated on Figure 2.

The surrounding properties with the Phase One Study Area primarily included vacant agricultural lands to the west and north, and residential development to the south and east. Two commercial buildings and fire station were located to the southeast of 6295 Perth Street and a Home Hardware was located between 6409 and 6363 Perth Street. Two diesel ASTs were located on the south side of one of the storage buildings on the westernmost portion of the Home Hardware property, immediately west of the 6363 Perth Street portion of the Site. Furthermore, some fill material was located approximately 150 m south of the Site associated with the ongoing residential development of these lands. However, this fill material was reportedly sourced from the area itself and therefore is not considered to be an issue of concern.

5.4 Written Description of Investigation

The Site is located at 6409, 6363 and 6295 Perth Street in Ottawa, Ontario and is bounded to the south by Perth Street. At the time of the Site visits, conducted on December 10, 2019 and May 22, 2020, the Site consisted of a 42.18 acre parcel of undeveloped agricultural land with the exception of an old farm property on the southwest corner of 6409 Perth Street portion of the Site (southwest portion of Site). It included a residential house, a garage a barn and a shed. Access was provided to the interior of the residential house and the garage during the May 22, 2020 Site visit only. The house was occupied during the December 2019 Site visit but was vacant at the time of the May 2020 Site visit.

At the time of the Site visit, a fuel oil AST was observed along the exterior portion of the western house wall. The AST was located on a concrete pad and installed in 2015. Based on the review of the 2020 Remediation Report, hydrocarbon impacts were previously identified in the surface soil in the vicinity of this AST; however, all impacted soil was remediated in June 2020.

Additionally, a pipe and a filled in hole for a former pipe was observed along the exterior of the basement foundation of the house on the north side of the house. These were likely the former fill and vent pipes for a heating oil AST formerly located in the basement as no heating oil AST was present at the time of the May 22 2020 Site visit. However, an old empty discarded heating oil AST was observed at the rear/north side of the barn. This was likely a former AST from the basement of the house. No evidence of spills or leaks (i.e., odours, staining on walls or staining in soil of dirt floor) was observed in the basement at time of the May 22 Site visit.

During the Site visit, a few piles of fill were observed on the 6363 Perth Street portion of the Site, just north of the Home Hardware property. The Site Representative indicated that the fill was topsoil that had been scraped from the property itself and the adjacent property to the east, likely related to the future residential development of this property. Given that the topsoil was sourced from the property itself and the adjacent property, both of which have never been developed and have only ever been vacant or agricultural fields where no issues of concern were identified, and that no evidence of contamination (staining, odours, debris) was observed in the fill, the presence of this fill is not considered to be a PCA. Furthermore, the 2020 Remediation Report indicated that fill material was present in the excavation; however, given that it was reworked native material and not imported material, is it not considered to be a PCA. However, the former presence of a heating oil AST located on the west side of the house and the former presence of a heating oil AST in the basement of the house are considered to be on-Site PCAs.

The surrounding properties within the Phase One Study Area included residential, commercial and community (general mixed use) land uses. During the Site visit, two fuel ASTs were present on the Home Hardware property adjacent to the Site at 6379 Perth Street. The ASTs were located approximately 10 m west of the 6363 Perth Street portion of the Site and are considered to be off-Site PCAs. Some fill material was located approximately 150 m south of the Site associated with the ongoing residential development of these lands. However, this fill material was likely sourced from the area itself and therefore is not considered to be an issue of concern.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Current and Past Uses of the Site

The following summarizes the current and past uses of the Phase One Property:

Year(s)	Name of Owner(s)	Description of Property Use	Property Land Use According to Reg.153/04	Other Observations from Aerial Photographs, Fire Insurance Plans, Etc.
Prior to 1946 to Present	Currently owned by Caivan.	The Site was occupied by vacant and agricultural fields with the exception of an old farm property that is located on the southwest corner of the Site at 6409 Perth Street.	Agricultural or other use/Residential	The 1946 and subsequent aerial photographs show the Site is developed with a farm property (farmhouse and barn) located at 6409 Perth Street and that the remainder of the Site has been undeveloped agricultural and/or vacant land. Based on the aerial photographs, a shed and parking garage were constructed behind the house between 1976 and 1985. At the time of the Site visits, the Site was occupied by a vacant and agricultural land with the exception of the old farm property at 6409 Perth Street. The farm property was occupied at the time of the December 19, 2020 Site visit; however, it was vacant at the time of the May 22, 2020 Site visit. No aerial photograph coverage was available for prior to 1946.

6.2 Potentially Contaminating Activity

Potentially contaminating activities, which if currently or historically carried out at a Site, may contribute to an area of potential environmental concern (APEC). Based on the information obtained as part of this Phase One ESA, the following PCA was identified within the Phase One Study Area:

Location	Potentially Contaminating Activity	Information Source	Rationale for Potential Contribution of the PCA to an APEC
Phase One Property	<p>28. Gasoline and Associated Products Storage in Fixed Tanks – Current presence of a heating oil AST located along the exterior portion of the western house wall.</p>	<p>Site observations and 2020 Remediation Report</p>	<p>Given the age of this AST (within 5 years), that the tank appeared to be in good condition and that there have been no documented and/or observed spills or leaks from the tank, it is not considered to be a PCA that will result in an APEC on the Site.</p>
	<p>28. Gasoline and Associated Products Storage in Fixed Tanks – Current or former presence of a heating oil AST located in the house, likely in the southwest corner of the basement which was reported to be a concrete floor.</p>	<p>Site observations</p>	<p>Given that there have no be reported spills from the heating oil AST, that it was reportedly located on a concrete basement floor and that any potential spills from this tank were likely cleaned up immediately as the house has always been occupied, this AST is not considered to be a PCA that will result in an APEC on the Site.</p>
Phase One Study Area	<p>28. Gasoline and Associated Products Storage in Fixed Tanks – Current presence of two fuel ASTs located approximately 10 m west of the 6363 Perth Street portion of the Site on the Home Hardware property at 6379 Perth Street.</p>	<p>Site observations</p>	<p>Given that these tanks were ASTs, any spills or leaks would have been likely been noticed and cleaned up quickly as opposed to USTs which can have unnoticed spills for long periods of time. Given that there have been no documented spills from these tanks, the potential for extensive subsurface impacts from the tanks is low. Additionally, given that the subsurface conditions at the Site and adjacent lands consist of low permeability clay, the potential for contaminant migration from the tanks to the Site, if any, is reduced. Therefore, this PCA is not considered to represent an APEC on the Site.</p>
	<p>#30 Importation of Fill Material of Unknown Quality – Fill containing odours was reported to be present along Perth Street approximately 75 m east of 6363 and 85 m east of 6295 Perth Street.</p>	<p>Previous Geotechnical Report</p>	<p>Given that the fill is located off-Site along Perth Street between the 6295 and 6363 Perth Street portion of the Site, is inferred to be limited to the roadway itself and located cross to down-gradient with respect to the Site, it is not considered to be a PCA that will result in an APEC on the Site.</p>

6.3 Areas of Potential Environmental Concern

Based on the information obtained as part of this Phase One ESA, none of the PCAs identified were considered to represent an Area of Potential Environmental Concern (APEC) on the Phase One Property.

6.4 Conceptual Site Model

A Conceptual Site Model of the Phase One Study Area (as required by O.Reg. 153/04) is presented in a series of Figures 1 to 8 (Figure 1: Key Plan, Figure 2A: Site Plan and Potentially Contaminating Activities, Figure 2B: Areas of Potential Environmental Concern, Figure 3: Topographic Map and Areas of Natural Significance, Figure 4: Surficial Geology, Figure 5: Bedrock Geology, Figure 6: Drift Thickness, Figure 7: Soil Survey Complex (Ontario Soils), and Figure 8: Physiography Map).

The combined set of figures shows:

- Existing buildings and structures
- Water bodies and Areas of Natural Significance (if present) located in the Phase One Study Area
- Drinking water wells on the Phase One Property
- Roads (including names) within the Phase One Study Area
- Uses of properties adjacent to the Phase One Property
- Location of identified PCAs in the Phase One Study Area (including any storage tanks)

The following describes the Phase One ESA Conceptual Site Model (CSM) for the Site based on the information obtained and reviewed as part of this Phase One ESA:

- At the time of the Site visits, conducted on December 10, 2019 and May 22, 2020, the Site consisted of a 1.23-hectare parcel of land that was primarily occupied by agricultural fields. The only development on the Site was an old farm property located at 6409 Perth Street which consisted of a house, a parking garage, a wooden barn and a small wooden storage shed. The farm property was occupied during the initial 2019 Site visit but was vacant at the time of the May 2020 Site visit.
- The ERIS report indicated that one water well was constructed on the northeast corner of the Site; however, it is likely that it was actually on one of the adjacent residential properties' east of the Site.
- The Site is bounded to the south by Perth Street.
- A few piles of fill were observed on the 6363 Perth Street portion of the Site, just north of the Home Hardware property. The Site Representative indicated that the fill was topsoil that had been scraped from the property itself and the adjacent property to the east, likely related to the future residential development of this property. Given that the topsoil was sourced from the property itself and the adjacent property, both of which have never been developed and have only ever been vacant or agricultural fields where no issues of concern were identified, and that no evidence of contamination (staining, odours, debris) was observed in the fill, the presence of this fill is not considered to be a PCA.
- The 2020 Remediation Report indicated that fill material was present in the excavation; however, given that it was reworked native material and not imported, is it not considered to be a PCA.

- The nearest permanent watercourse is the Jock River which is located approximately 1 kilometre southwest of the Site. There is also a tributary to the Jock River located between the 6363 and 6295 Perth Street portions of the Site and drainage ditches north of the Site.
- No areas of natural and scientific interest (ANSI) are known to be located on the Site or on the Phase One Study Area. Based on available information, the Site is not considered to be an environmentally sensitive area. However, Species at Risk have been identified by the MNRF to be potentially present on the Site or on the nearby lands.
- At the time of the Phase One ESA, the surrounding properties within the Phase One Study Area were comprised of commercial, residential and community land uses.
- The following roads were located within the Phase One Study Area at the time of the Site visit:
 - Perth Street, Franktown Road, Queen Charlotte Street North, Mira Court, Cedarstone Street, Bald Eagle Crescent, Rochelle Street, Fortune Street, Christopher Hamilton Way, Equitation Circle, Meynell Road and Hackamore Crescent.
- The geological mapping indicates that the subsurface conditions at the Site are Offshore Marine Deposits (clay, silty clay and silt) with the exception of the westernmost portion of the Site which is expected to be Nearshore Sediments (fine to medium grained sands) and that the bedrock at the Site is of the Oxford Formation (dolostone, minor shale and sandstone).
- Local groundwater is anticipated to flow southeast towards the Jock River, a tributary to the Jock River located between the 6363 and 6395 Perth Street portion of the Site or to nearby drainage ditches which flow into the Jock River.
- The PCAs that may have resulted in an APEC on the Site are presented in Section 6.2 in of this report, none of which were considered to result in an APEC on the Site.

6.4.1 Uncertainty and Absence of Information

There were no material deviations to the Phase One ESA requirements set out in O.Reg. 153/04 that would cause uncertainty or absence of information that would affect the validity of the Phase One Conceptual Site Model or the findings of this Phase One ESA.

7.0 CONCLUSIONS

Given that no APECs were identified on the Site during the Phase One ESA, a Phase Two ESA is not recommended to be carried out at the Site at this time.

7.1 Record of Site Condition Based on Phase One Environmental Site Assessment Alone

Given that the Phase One Property has been used for agricultural and residential purposes and is to be redeveloped with residential buildings, there will be no change in the land use from less sensitive to more sensitive. As such, there is no mandatory requirement for a RSC to be filed for the Site.

8.0 REFERENCES

The following documents and/or data were cited in this report:

Source	Date
Ontario Regulation 153/04 as amended	October 31, 2011
Bélanger, J. R. 2008 Urban Geology of the National Capital Area, Geological Survey of Canada, Open File 5311, 1 DVD.	2008
Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release—Data 219	2007
2010 Bélanger, J. R., Urban Geology of the National Capital Area, Geological Survey of Canada, Open File D3256, 2001	2010
Aerial Photographs – National Air Photo Library (Natural Resources Canada)	1946, 1959, 1968 and 1985
Aerial Photograph Images – geoOttawa (http://maps.ottawa.ca/geoOttawa/)	1976, 1991, 1999, 2002, 2005, 2011, 2014 and 2017
ERIS Report	December 10, 2019
Ontario Ministry of the Environment, Conservation and Parks	February 14, 2020
Technical Standards and Safety Authority	December 11, 2019

9.0 LIMITATIONS AND USE OF REPORT

This report (the “Report”) was prepared for the exclusive use by Caivan (Richmond North) Limited for the express purpose of providing advice with respect to the environmental condition of the Site. In evaluating the Site, Golder Associates Ltd. (“Golder”) has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this Report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or incomplete or inaccurate historical information from the various agencies. Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third party. If a third party requires reliance on this Report, prior written authorization from Golder is required. Golder disclaims any responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder’s assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions of Golder’s proposal. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the Site referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder’s opinions are based upon information that existed at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time the Site was visited, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the Site or its surroundings. Asbestos and mould surveys were not performed. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

10.0 STATEMENT OF COMPLETION

The undersigned confirm that this Phase One Environmental Site Assessment was conducted in a manner consistent with the expected standard of care for the consulting industry in Ontario and meets the requirements for Phase One ESAs as set out in O.Reg. 153/04, however this report has not been completed with the intent of filing a Record of Site Condition.

11.0 CLOSURE

We trust that the information presented in this report meets your current requirements. Should you have any questions or concerns, please do not hesitate to contact the undersigned.

Golder Associates Ltd.

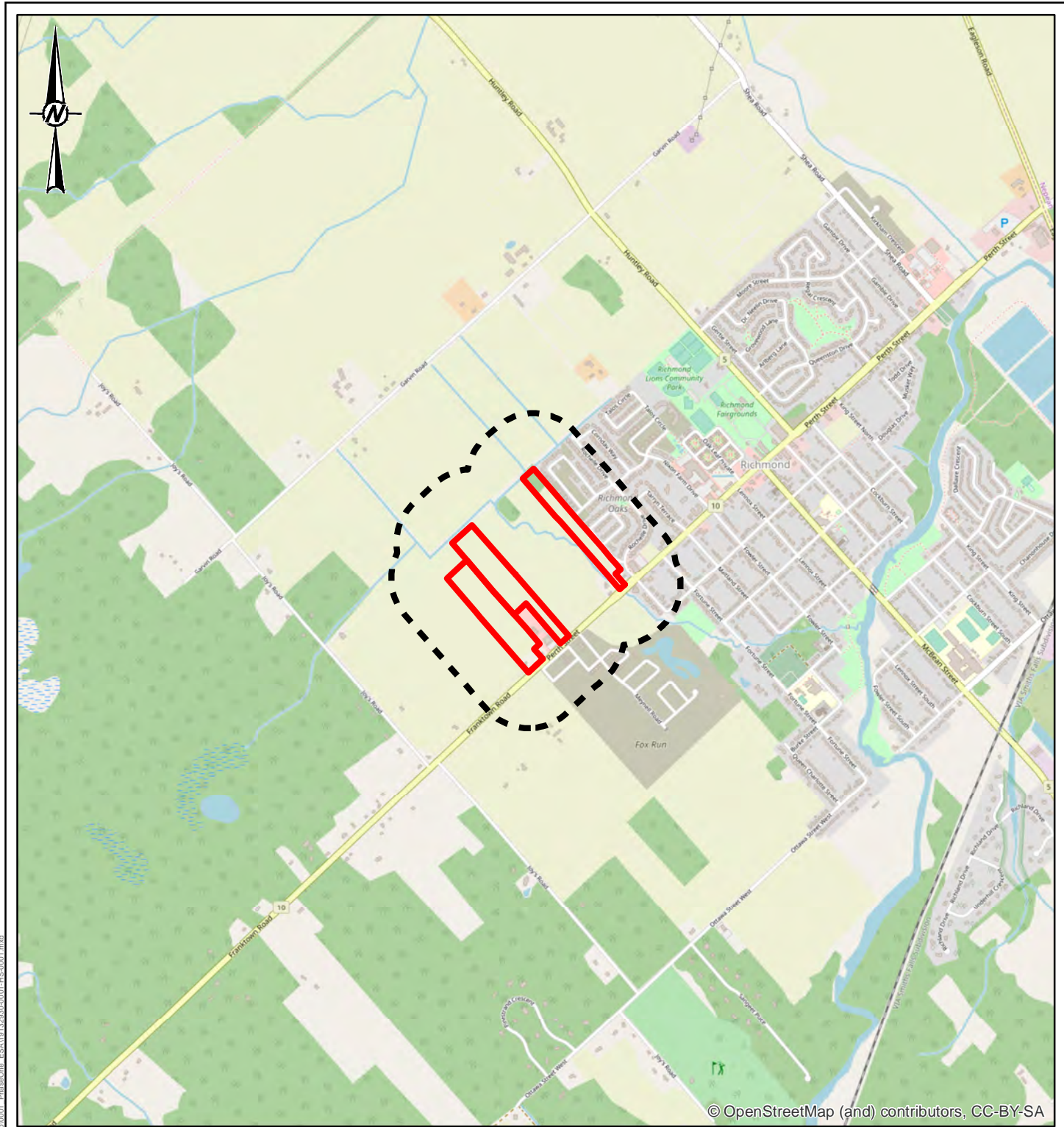
Alyssa Whiteduck, P.Eng.
Environmental Engineer

Keith Holmes, M.Sc., P.Geo
Geoscientist/Associate

AW/KPH/ha



[https://golderassociates.sharepoint.com/sites/117698/project files/6 deliverables/phase one esa/updated final v2 july 2020/19132930-r-rev 1-perth street phase one esa.docx](https://golderassociates.sharepoint.com/sites/117698/project%20files/6%20deliverables/phase%20one%20esa/updated%20final%20v2%20july%202020/19132930-r-rev%201-perth%20street%20phase%20one%20esa.docx)

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LEGEND

-  PHASE I SITE
-  PHASE I STUDY AREA



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO**

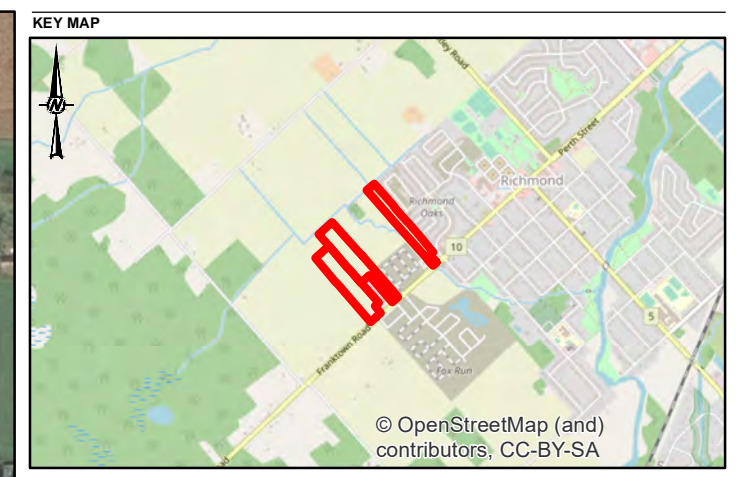
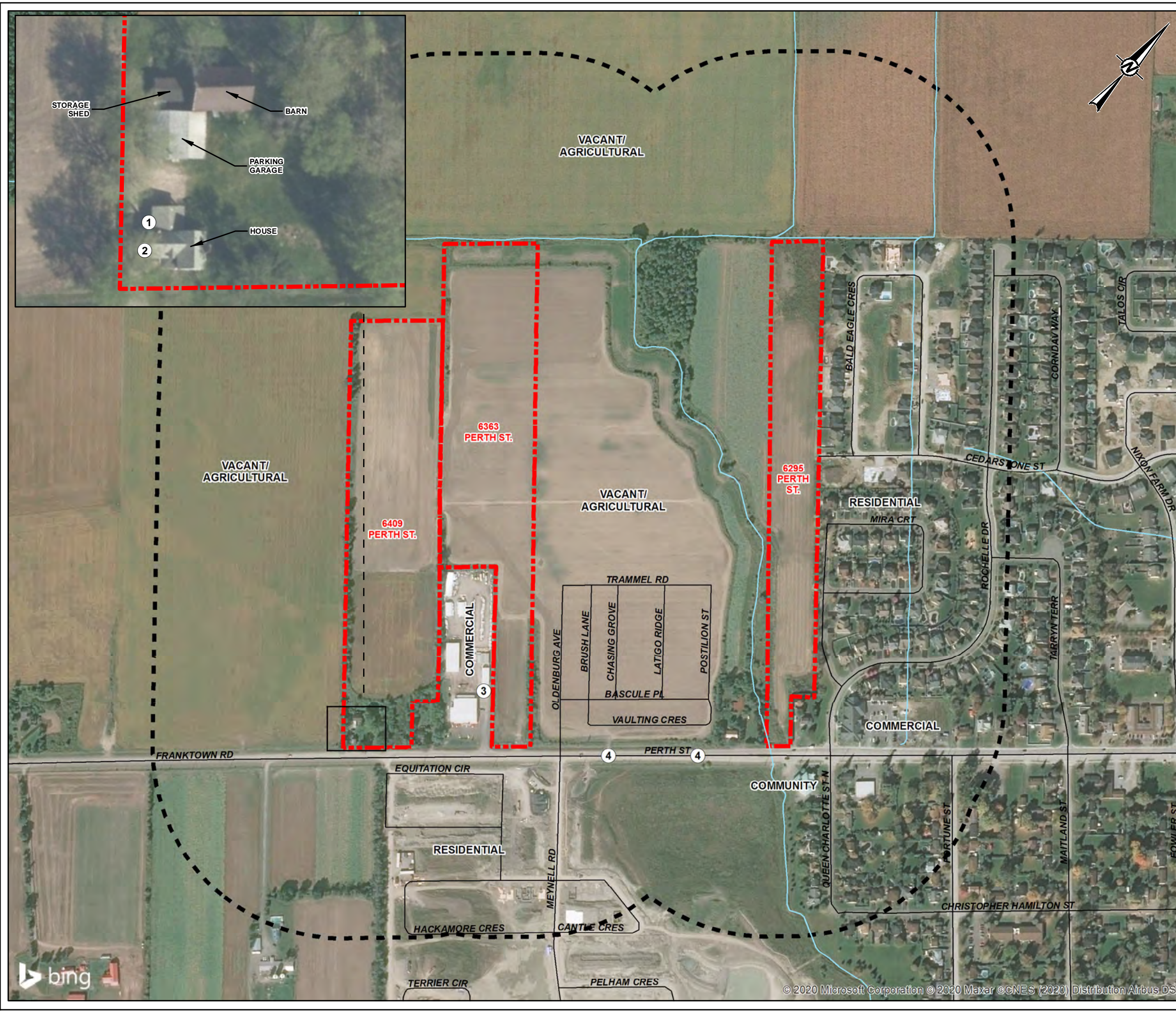
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KEY PLAN

CONSULTANT	YYYY-MM-DD	2019-10-23
	DESIGNED	----
	PREPARED	JEM
	REVIEWED	AW
	APPROVED	KPH

PROJECT NO. 19132930	CONTROL 0001	REV. 0	FIGURE 1
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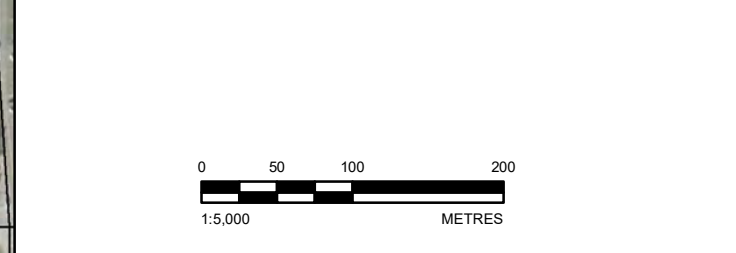
LEGEND

- ROADWAY
- WATERCOURSE
- PHASE I SITE
- PHASE I STUDY AREA

Potentially Contaminating Activities (PCAs)		
Location	Detail	PCA #
1	Gasoline and Associated Products Storage in Fixed Tanks – Former heating oil AST and area of soil remediation located along the exterior portion of the western house wall.	28
2	Gasoline and Associated Products Storage in Fixed Tanks – Former presence of a heating oil AST located in the basement of the house.	28
3	Gasoline and Associated Products Storage in Fixed Tanks – Current presence of two fuel ASTs located approximately 10 m west of the 6363 Perth Street property at 6379 Perth Street.	28
4	Importation of Fill Material of Unknown Quality – Fill containing odours was reported to be present along Perth Street approximately 75 m east of 6363 and 85 m east of 6295 Perth Street.	30

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

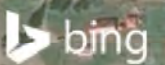
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SITE PLAN

CONSULTANT
YYYY-MM-DD 2019-10-22
DESIGNED ---
PREPARED JEM
REVIEWED AW
APPROVED KPH

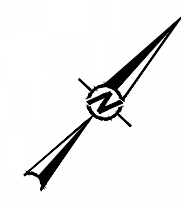
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LEGEND

- PHASE I SITE
- PHASE I STUDY AREA

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83,
COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

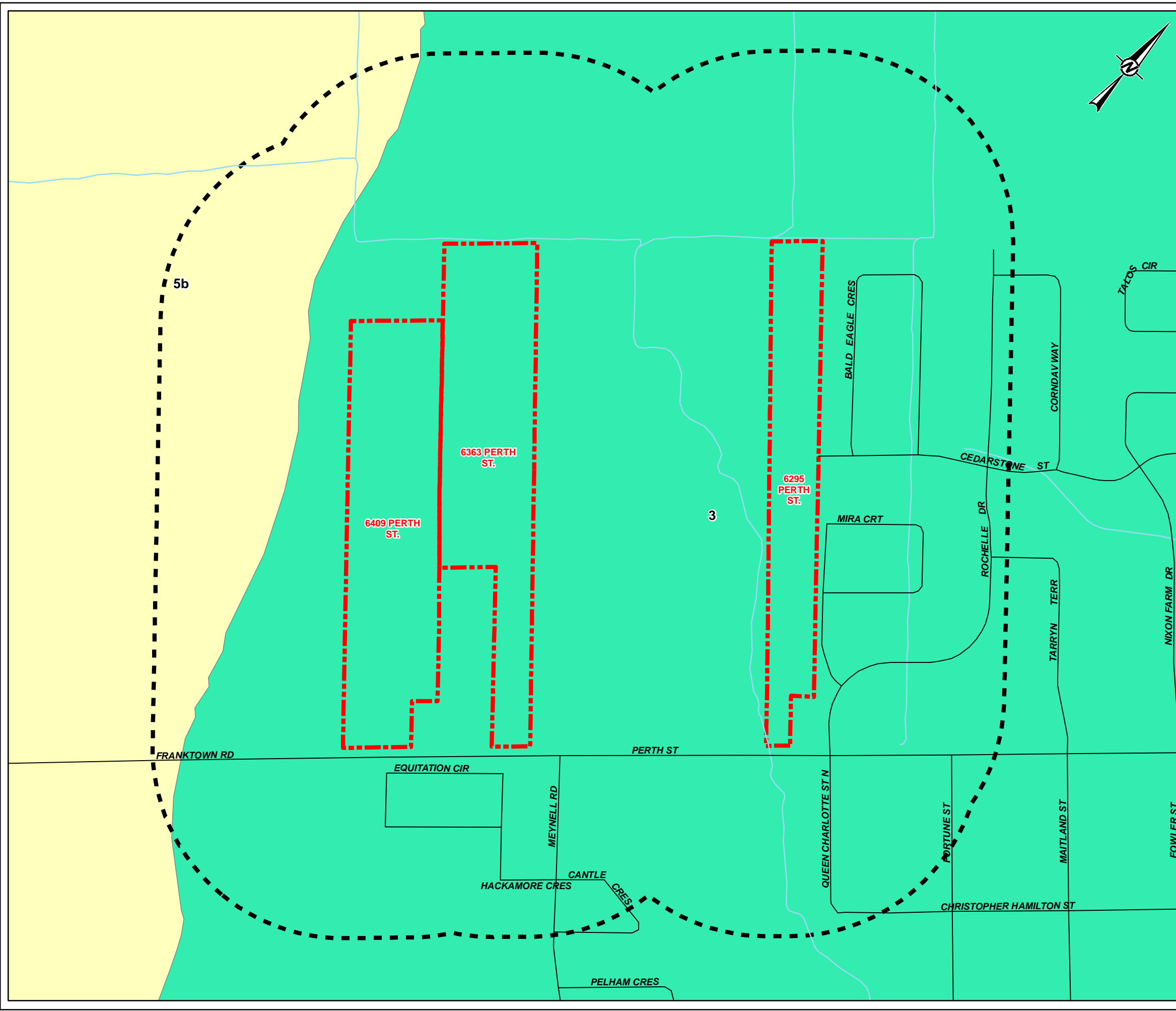


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

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PROJECT		
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO		
TITLE		
TOPOGRAPHIC MAP AND AREAS OF NATURAL SIGNIFICANCE		
CONSULTANT	YYYY-MM-DD	2019-10-22
	DESIGNED	---
	PREPARED	JEM
	REVIEWED	AW
	APPROVED	KPH
PROJECT NO.	CONTROL	REV.
19132930	0001	0
		FIGURE
		3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 28mm

Path: N:\Vector\Spatial_Images\RichmondNorth\Proposed\SW\MPI\00_PRC\01122020_Cadastre_Environ\0001_PhaseOne_ESA\1122020\0001_HS\0004.mxd



LEGEND

- ROADWAY
- WATERCOURSE
- PHASE I SITE
- PHASE I STUDY AREA
- 5b: NEARSHORE SEDIMENTS: FINE TO MEDIUM GRAINED SAND
- 3. OFFSHORE MARINE DEPOSITS: CLAY, SILTY CLAY & SILT

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. BELANGER, J. R. 2008 URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE 5311, 1 DVD.
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

0 50 100 200
1:5,000 METRES

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

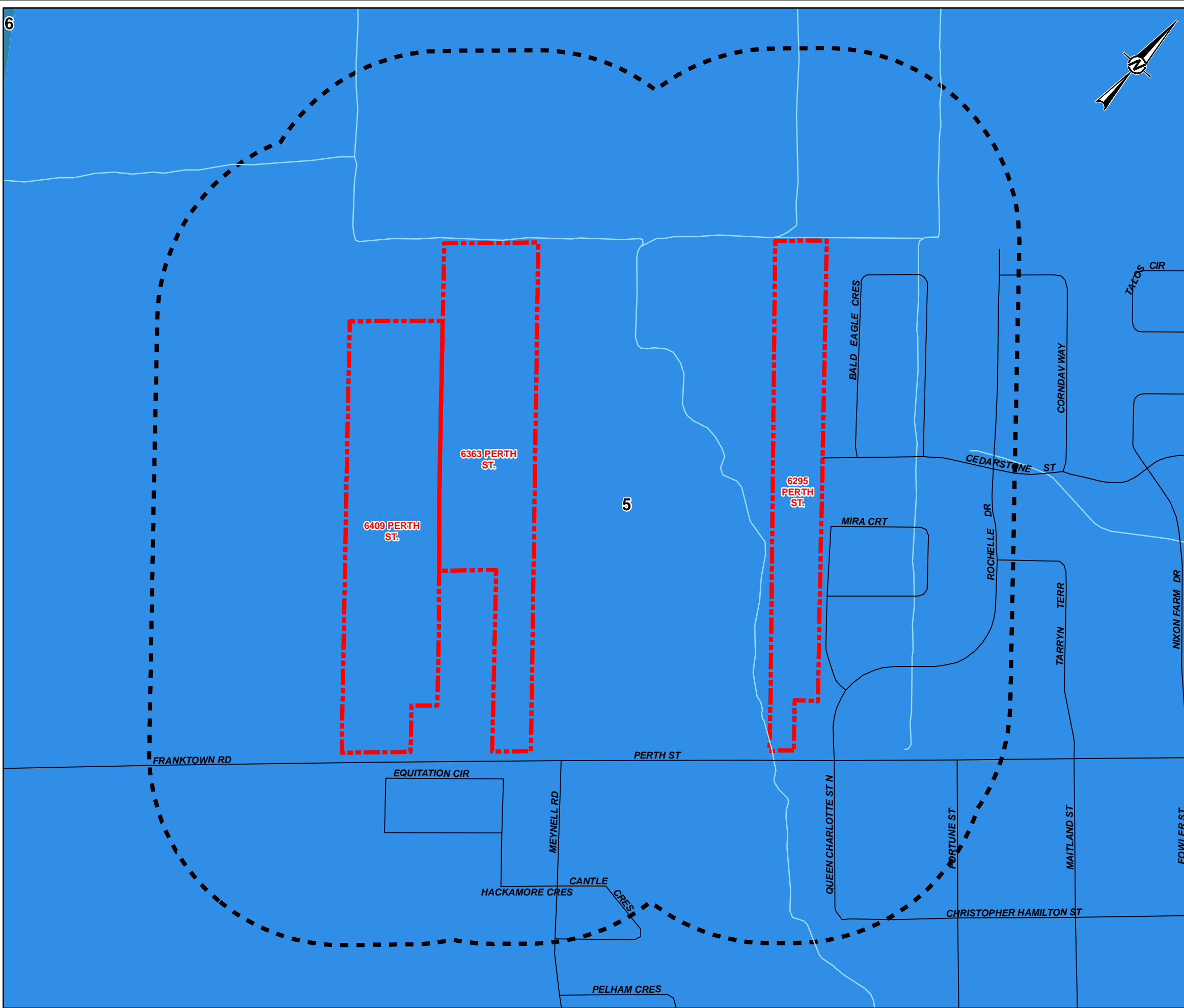
PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

TITLE
SURFICIAL GEOLOGY

CONSULTANT	YYYY-MM-DD	2019-10-22
DESIGNED	---	
PREPARED	JEM	
REVIEWED	AW	
APPROVED	KPH	

PROJECT NO. 19132930 CONTROL 0001 REV. 0 FIGURE 4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 28mm



LEGEND

- ROADWAY
- WATERCOURSE
- PHASE I SITE
- PHASE I STUDY AREA
- 6: ROCKCLIFFE FORMATION - SANDSTONE, SHALE, LIMESTONE, DOLOSTONE
- 5: OXFORD FORMATION - DOLOSTONE, MINOR SHALE AND SANDSTONE

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. ARMSTRONG, D.K. AND DODGE, J.E.P. 2007. PALEOZOIC GEOLOGY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE--DATA 219
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28

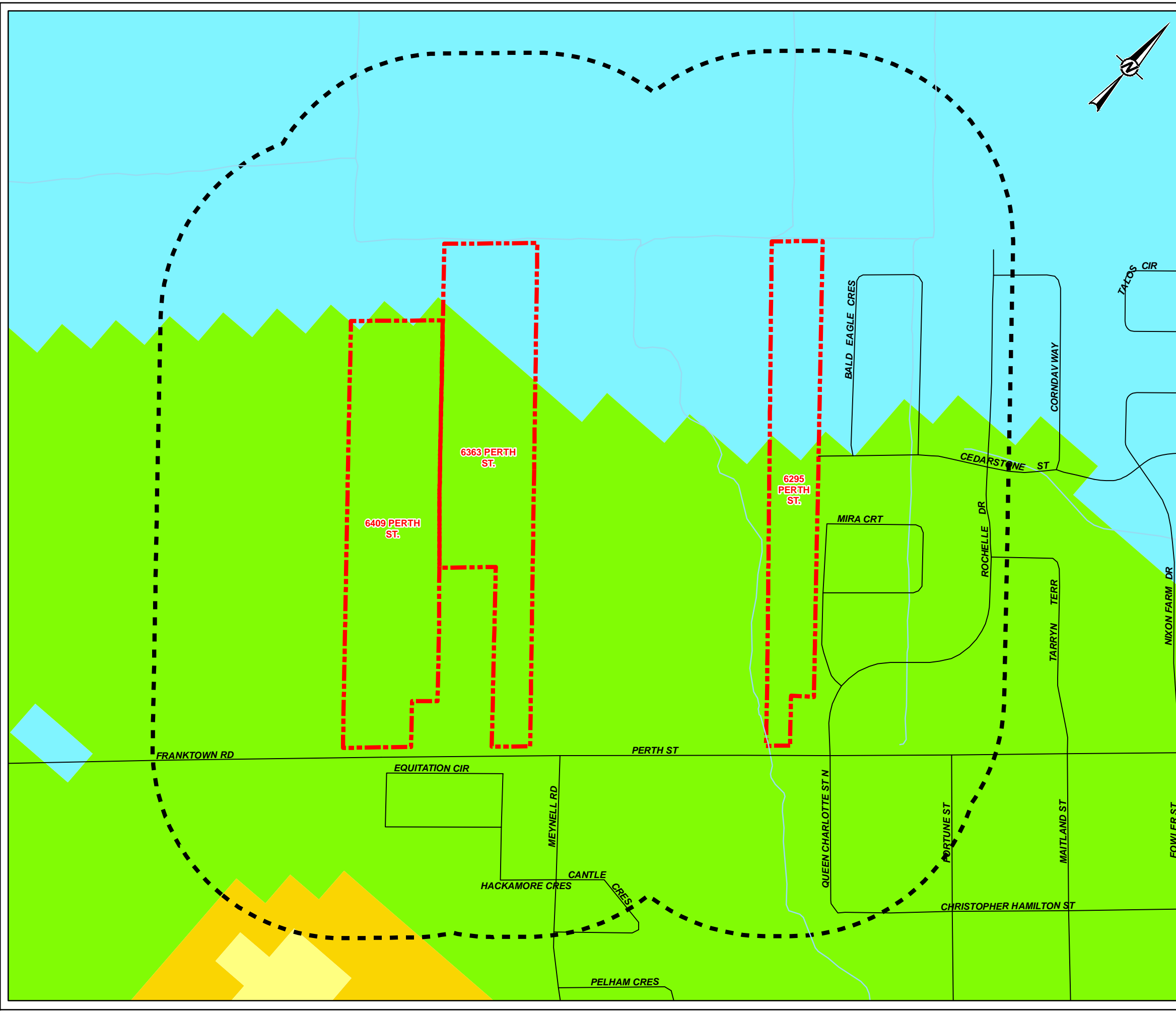
0 50 100 200
1:5,000 METRES

CLIENT CAIVAN (RICHMOND NORTH) LIMITED			
PROJECT PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO			
TITLE BEDROCK GEOLOGY			
CONSULTANT	YYYY-MM-DD	2019-10-22	
	DESIGNED	---	
	PREPARED	JEM	
	REVIEWED	AW	
	APPROVED	KPH	
PROJECT NO. 19132930	CONTROL 0001	REV. 0	FIGURE 5

Path: N:\Vector\Spatial_Images\Revised\Proposed\SW\MPI00_PRC01\19132930_Caivan_Enviro\0001_PhaseOne_ESA\19132930\001-HE-0005.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 28mm

Path: N:\Vector\Spatial_Maps\PhaseOne\Proposed\SW\MPI\19132930_Caivan_Emergency\19132930-0001-HS-0006.mxd



LEGEND

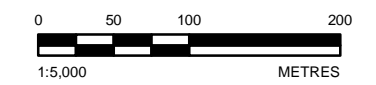
- ROADWAY
- WATERCOURSE
- PHASE I SITE
- PHASE I STUDY AREA

TREND IN DEPTH TO BEDROCK (METRES)

- 2 to 3
- 3 to 5
- 5 to 10
- 10 to 15

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. 2010 BÉLANGER, J. R., URBAN GEOLOGY OF THE NATIONAL CAPITAL AREA, GEOLOGICAL SURVEY OF CANADA, OPEN FILE D3256, 2001
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT			
CAIVAN (RICHMOND NORTH) LIMITED			
PROJECT			
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO			
TITLE			
DRIFT THICKNESS			
CONSULTANT		YYYY-MM-DD	2019-10-22
		DESIGNED	---
		PREPARED	JEM
		REVIEWED	AW
		APPROVED	KPH
PROJECT NO.	CONTROL	REV.	FIGURE
19132930	0001	0	6

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 26mm

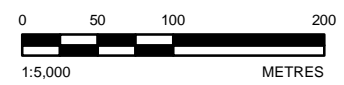
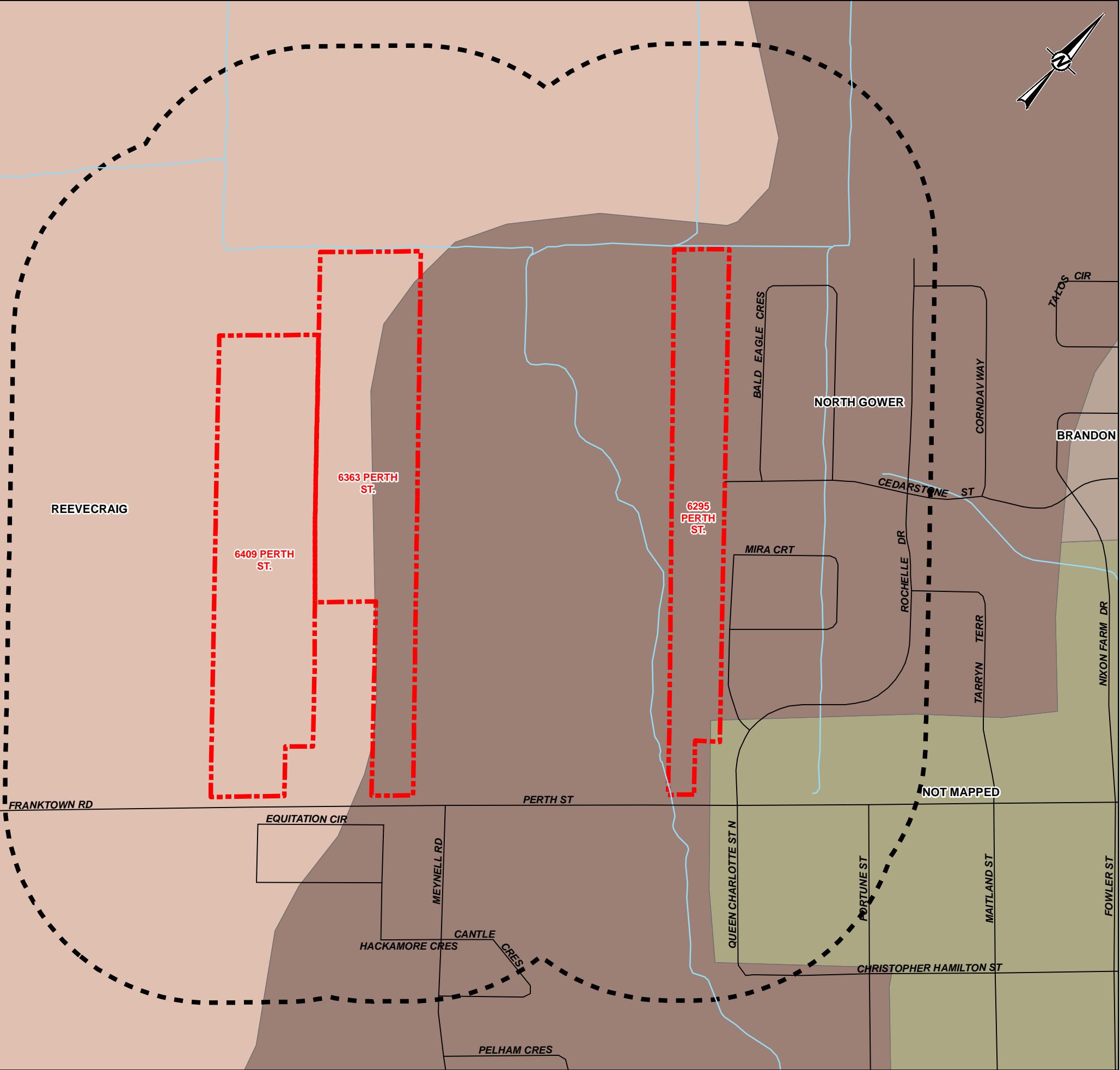
MOUNTAIN



- LEGEND**
- ROADWAY
 - WATERCOURSE
 - PHASE I SITE
 - PHASE I STUDY AREA
 - BRANDON
 - MOUNTAIN
 - NORTH GOWER
 - NOT MAPPED
 - REEVECRAIG

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83,
COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28



CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

TITLE
SOIL SURVEY COMPLEX (ONTARIO SOILS)

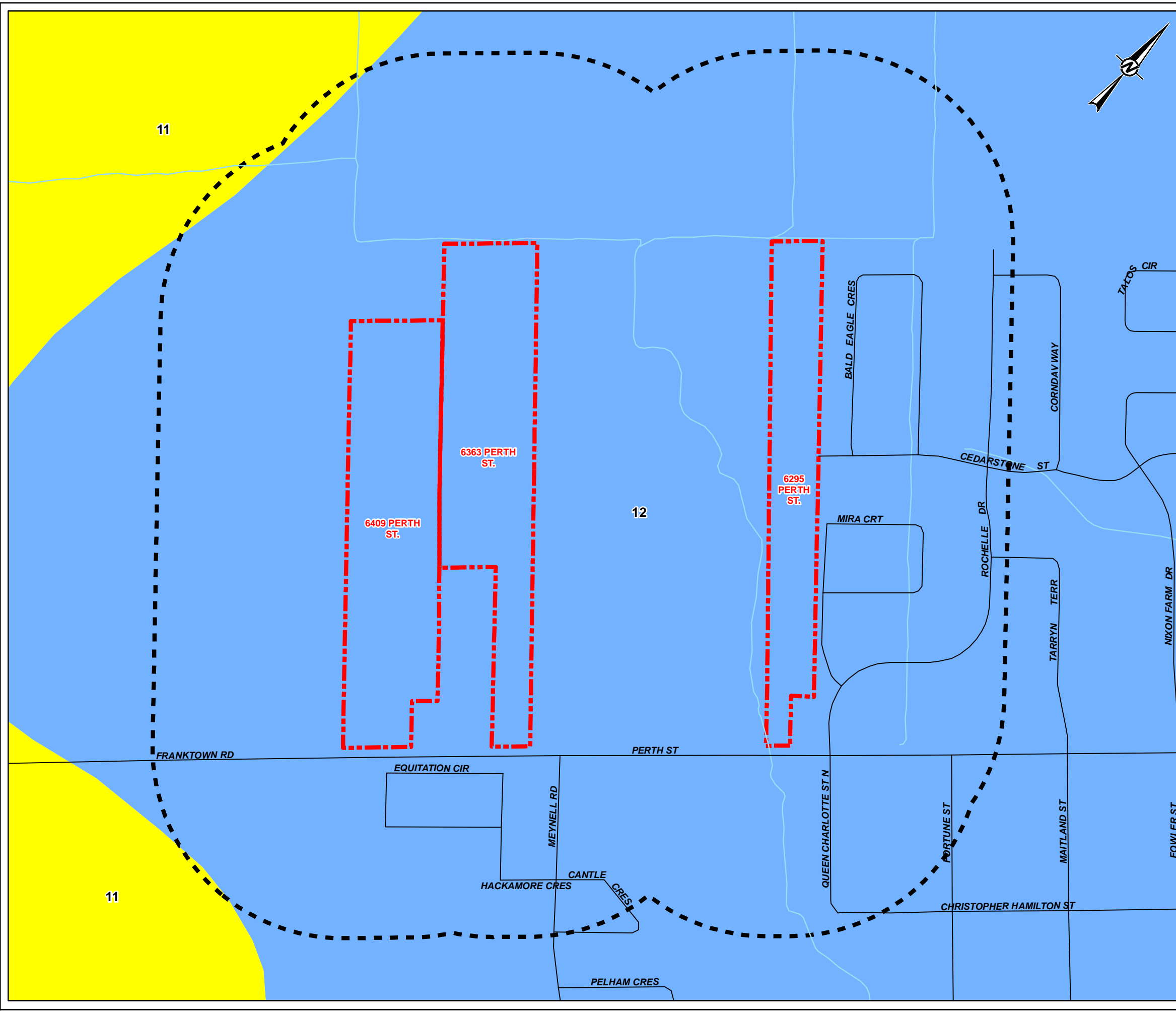
CONSULTANT	YYYY-MM-DD	2019-10-22
DESIGNED	---	
PREPARED	JEM	
REVIEWED	AW	
APPROVED	KPH	

PROJECT NO. 19132930 CONTROL 0001 REV. 0 FIGURE 7







Path: N:\Vector\Spatial_JMC\caivan\RichmondNorth\Proposed\SWMP\09_19132930_Caivan_Env\0001_PhaseOne_ESA\19132930-0001-HE-0007.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 28mm

Path: N:\Vector\Spatial_Images\RevisedProposals\SWMP\00_PRC\01122020_Caivan_Emer\0001_PhaseOne_ESA\19122020\001-HS-0008.mxd




LEGEND

-  ROADWAY
-  WATERCOURSE
-  PHASE I SITE
-  PHASE I STUDY AREA
-  11: SAND PLAINS
-  12: CLAY PLAINS

NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. CHAPMAN, L.J. AND PUTNAM, D.F. 2007. PHYSIOGRAPHY OF SOUTHERN ONTARIO; ONTARIO GEOLOGICAL SURVEY, MISCELLANEOUS RELEASE-DATA 228
2. PROJECTION: TRANSVERSE MERCATOR, DATUM: NAD 83, COORDINATE SYSTEM: MTM ZONE 9, VERTICAL DATUM: CGVD28





1:5,000 METRES

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

TITLE
PHYSIOGRAPHY MAP

CONSULTANT	YYYY-MM-DD	2019-10-22
	DESIGNED	---
	PREPARED	JEM
	REVIEWED	AW
	APPROVED	KPH

PROJECT NO. 19132930	CONTROL 0001	REV. 0	FIGURE 8
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 28mm

APPENDIX A

Regulatory Responses

OTT File No: #2

**INDEX REVIEW REPORT
COMMERCIAL/INDUSTRIAL/AGRICULTURAL**

Attention: Alyssa Whiteduck Golder Associates	Your File: Date Received: January 2, 2020
--	--

Thank you for your inquiry requesting a search of records from the Ministry of the Environment, Conservation and Parks (ministry). The ministry encourages you to use the available on-line resources to access publically-available information which may assist with your inquiry.

<u>PROPERTY OWNER AND LOCATION</u>		
Location:	Municipality:	City of Ottawa
	Address:	6295, 6363 and 6409 Perth Street
		Lot Concession Township

<u>INDEX OF NAMES FOR ORDERS</u>
We have searched the <i>Ottawa</i> District Index Record of Active Orders under the Environmental Protection Act (EPA), Ontario Water Resources Act (OWRA) and the Pesticides Act (PA) issued to: and the following information has been found:
<input checked="" type="checkbox"/> No Active Orders are outstanding
Please Note: <i>For information related to any ministry Orders issued to the property in question, please request this information from the property owner. If you would like further information regarding a specific Order issued, please contact the Ottawa District Office.</i>
Date of Search: February 14, 2020

<u>RECORD OF SITE CONDITION</u>
For information on Records of Site Condition filed on the Environmental Site Registry since October 1, 2004, please use the following links: For records of site condition filed between October 1, 2004 and June 30, 2011 https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch , and for records of site condition filed since July 1, 2011 https://www.ontario.ca/environment-and-energy/records-site-condition

INDEX REVIEW REPORT COMMERCIAL/INDUSTRIAL/AGRICULTURAL

INDEX OF NAMES FOR APPROVALS ISSUED SINCE 1999

A search of the Index Record of names of all persons to whom approvals have been issued, maintained by the Director, Approvals Branch and the Regional Director, *Eastern Region*, and the District Manager, *Ottawa District*, under Section 19 EPA and Section 13 OWRA and the following information has been provided :

<u>Type</u>	<u>Number</u>	<u>Issued To</u>	<u>Issue Date</u>
Section 9 EPA (Air)			
Section 39 EPA (Waste Management)			
Section 52 OWRA (Water)			
Section 53 OWRA (Municipal/Private/ Industrial Sewage)			
Other			

The **ministry's Access Environment** is an on-line, map-based search tool designed to allow the public, quick and easy access to the ministry approvals and registration information from December 1999 onward. Access Environment currently displays Environmental Compliance Approvals (ECA), Renewable Energy Approvals (REA) and registrations on the Environmental Activity and Sector Registry (EASR). ECAs include all Certificates of Approval (CofAs) previously issued under the Environmental Protection Act (EPA) and approvals previously issued under s.53 of the Ontario Water Resources Act (OWRA). You can access this information from the ministry website or at the following link:

www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en

Copies of **ECAs issued before January 1, 2000** can be obtained by submitting a Request for a Copy of an Environmental Compliance Approval

Please Note:

- 1) The information provided above is based solely on the address(es) and name(s) of the present and past owners provided by you.
- 2) The Index Record of Names to whom approvals have been issued, maintained by the Regional Director and District Manager, has been searched back to 1999.
- 3) A search of our records does **NOT** indicate whether there are:
 - other uses for which an approval may have been required, **nor**
 - other uses on the property or in the vicinity that may affect the suitability of the property, for the use proposed to be made of it.If a comprehensive knowledge of the property and the nearby lands and their environmental condition is required, you must examine them and other relevant records yourself, with the aid of a qualified person, if needed.

No Approvals have been issued.

Date of Search: February 14, 2020

INDEX REVIEW REPORT COMMERCIAL/INDUSTRIAL/AGRICULTURAL

Additional site information related to the **location of landfill sites** in the province can be found at the following link:

<http://www.ontario.ca/environment-and-energy/small-landfill-sites>

<http://www.ontario.ca/environment-and-energy/map-large-landfill-sites>

The **ministry's Hazardous Waste Information Network (HWIN)** can also be accessed to search for information on generators, carriers, and receivers of subject waste in the province at the following link: www.hwin.ca

The **ministry's Environmental Compliance Reports** provide information about contaminant discharges to water and emissions to air that exceed limits found in legislation, environmental approvals, orders and/or policies/guidelines and can be accessed at the following link: <http://www.ontario.ca/environment-and-energy/environmental-compliance-reports>

Information on **Environmental Penalties**, which are monetary penalties that can be imposed by the ministry for some industrial spills, can be assessed at the following link: <https://www.ontario.ca/search/search-results?query=environmental%20penalties>


Additional ministry information can be accessed through the **Government of Ontario's Open Data Catalogue**: <http://www.ontario.ca/government/open-data-ontario>

The ministry also encourages you to consider best practices and standards of care used within the legal community and through your associations as a guide to obtaining information related to specific property for any legal purpose.

We trust this information will help meet your requirements quickly and effectively.

Please advise your colleagues that responses to requests for searches always take some time. As a result, the Ministry of the Environment, Conservation and Parks may not be able to meet deadlines imposed by other parties on real estate and other transactions.

Thank you for your inquiry.

Signature:	
Contact Name:	Carol Booth
Title:	District Administrative Assistant
Address:	Ministry of the Environment, Conservation and Parks 2430 Don Reid Drive, Unit 103 Ottawa, ON K1H 1E1
Phone:	(613) 521-3450 Ext 222
Date:	February 14, 2020
	E&OE

Please Note: If you would like to receive an email with all the environmental links above, please contact me at carol.booth@ontario.ca and I will be pleased to send them to you.

From: Whiteduck, Alyssa
Sent: 2-Jan-20 12:29 PM
To: Carol.Booth@ontario.ca
Subject: Property Information Request for 6409, 6363 and 6295 Perth Street, Ottawa, Ontario

Hi Carol,

Could you please check for approvals and orders for the following properties:

- 6409 Perth Street, Ottawa, ON
- 6363 Perth Street, Ottawa, ON
- 6295 Perth Street, Ottawa, ON

Please let me know if you have any questions.

Kindest Regards,

Alyssa Whiteduck (P.Eng.)
Environmental Engineer



Golder Associates Ltd.
1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
T: +1 613 592 9600 | **D:** +1 (613) 592-4006 x4299 | **C:** +1 613 290 8736 | golder.com
[LinkedIn](#) | [Instagram](#) | [Facebook](#) | [Twitter](#)

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From: [Public Information Services](#)
To: [Whiteduck, Alyssa](#)
Subject: RE: TSSA Search - Perth Street, Ottawa, Ontario
Date: 11-Dec-19 6:59:50 AM
Attachments: [image004.png](#)
[image005.png](#)
[image006.png](#)
[image008.jpg](#)
[image001.jpg](#)
[image003.png](#)
[image010.jpg](#)

EXTERNAL EMAIL

Thank you for your inquiry.

We have no record in our database of any fuel storage tanks at the subject address (addresses).

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationsservices@tssa.org or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you and have a great day,

Roxana



Public Information Agent

Facilities and Business Services

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationsservices@tssa.org

www.tssa.org



From: Whiteduck, Alyssa <Alyssa_Whiteduck@golder.com>
Sent: December 10, 2019 2:37 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: TSSA Search - Perth Street, Ottawa, Ontario

Hello,

Could you please perform a TSSA database search for any underground storage tanks, registered fuel tanks, outstanding instructions, incident reports, fuel oil spills or contaminations records for the following properties:

- 6409 Perth Street, Ottawa, ON
- 6363 Perth Street, Ottawa, ON
- 6295 Perth Street, Ottawa, ON
- 6379 Perth Street, Ottawa, ON
- 6387 Perth Street, Ottawa, ON
- 6305 Perth Street, Ottawa, ON
- 6280 Perth Street, Ottawa, ON
- 6287 Perth Street, Ottawa, ON
- 6270 Perth Street, Ottawa, ON

Please let me know if you have any questions.

Kindest Regards,
Alyssa Whiteduck (P.Eng.)
Environmental Engineer

Golder Associates Ltd.
1931 Robertson Road, Ottawa, Ontario, Canada, K2H 5B7
T: +1 613 592 9600 | **D:** +1 (613) 592-4006 x4299 | **C:** +1 613 290 8736 | golder.com
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APPENDIX B

ERIS Report, City Directories



DATABASE REPORT

Project Property: *Perth Street
6409, 6363, 6298 Perth Street
Richmond ON K0A 2Z0*

Project No: *19132930*

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

Order No: *20191206202*

Requested by: *Golder Associates Ltd.*

Date Completed: *December 10, 2019*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Map.....	21
Aerial.....	22
Topographic Map.....	23
Detail Report.....	24
Unplottable Summary.....	726
Unplottable Report.....	728
Appendix: Database Descriptions.....	776
Definitions.....	785

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: *Perth Street
6409, 6363, 6298 Perth Street Richmond ON K0A 2Z0*

Project No: *19132930*

Order Information:

Order No: *20191206202*

Date Requested: *December 6, 2019*

Requested by: *Golder Associates Ltd.*

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

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	6	6
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	3	3
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	3	4
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	12	12
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	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	6	6
PINC	Pipeline Incidents	Y	0	2	2
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	1	1
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	146	147
Total:			2	180	182

Executive Summary: Site Report Summary - Project Property

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
EHS	1		6295-6409 Perth St & 6430 Franktown Road, Richmond ON	-/0.0	0.00	31
WWIS	2		lot 22 con 4 ON	-/0.0	0.00	40

Well ID: 7317827

Executive Summary: Site Report Summary - Surrounding Properties

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
BORE	13		ON	ESE/34.9	-1.00	24
BORE	32		ON	E/67.7	-0.31	25
BORE	47		ON	E/101.8	-1.31	26
BORE	73		ON	S/136.5	1.00	27
BORE	92		ON	E/177.9	-0.69	28
BORE	127		ON	E/233.8	0.00	29
ECA	5	Richmond Village (South) Ltd.	6350 Perth Street Ottawa ON K2C 3H2	ESE/17.8	-1.00	30
ECA	5	Richmond Village Development Corporation	6350 Perth Street Ottawa ON K2C 3H2	ESE/17.8	-1.00	30
ECA	5	Richmond Village Development Corporation	6350 Perth St Ottawa ON K2H 1B2	ESE/17.8	-1.00	31
EHS	16		6379 Perth St Ottawa ON K0A2Z0	SSE/36.9	0.00	31
EHS	44		6270 Perth Street Richmond (Ottawa) ON	E/93.2	-0.75	31
EHS	53		6265 Perth St Ottawa ON K0A2Z0	E/116.8	0.00	32

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON	E/50.1	-1.85	32
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON	E/50.1	-1.85	32
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON	E/50.1	-1.85	32
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON K0A 2Z0	E/50.1	-1.85	33
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON	E/50.1	-1.85	33
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON	E/50.1	-1.85	33
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON K0A 2Z0	E/50.1	-1.85	34
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON K0A 2Z0	E/50.1	-1.85	34
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON K0A 2Z0	E/50.1	-1.85	34
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET OTTAWA ON K0A 2Z0	E/50.1	-1.85	35
GEN	25	OTTAWA, CITY OF, EMS	6280 PERTH STREET RICHMOND ON K0A 2Z0	E/50.1	-1.85	35
GEN	53	CARLETON PLACE DRUGMART	6265 PERTH STREET RICHMOND ON K0A 2Z0	E/116.8	0.00	35
PES	16	RICHMOND HOME HARDWARE	6379 PERTH ST RICHMOND ON K0A2Z0	SSE/36.9	0.00	36

<i>DB</i>	<i>Map Key</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
PES	16	RICHMOND HOME HARDWARE	6379 PERTH ST RICHMOND ON K0A2Z0	SSE/36.9	0.00	36
PES	16	RICHMOND HOME HARDWARE	6379 PERTH ST RICHMOND ON K0A2Z0	SSE/36.9	0.00	36
PES	16	RICHMOND HOME HARDWARE	6379 PERTH ST RICHMOND ON K0A2Z0	SSE/36.9	0.00	37
PES	16	RICHMOND HOME HARDWARE	6379 PERTH ST RICHMOND ON K0A 2Z0	SSE/36.9	0.00	37
PES	16	RICHMOND HOME HARDWARE	6379 PERTH ST RICHMOND ON K0A2Z0	SSE/36.9	0.00	37
PINC	124		60 Rochelle Drive, Richmond ON K0A 2Z0	NE/232.3	0.00	38
PINC	140		74 Rochelle Drive, Richmond ON	NNE/244.5	0.00	38
SCT	52	Bayview Windows	6270 Perth St Richmond ON K0A 2Z0	E/114.1	0.00	39
SPL	144	Enbridge Gas Distribution Inc.	99 Cantel Cres Ottawa ON	SE/250.0	0.00	39
WWIS	3		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 1535202	SSE/2.8	0.00	40
WWIS	4		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7105857	ENE/10.4	0.00	45
WWIS	6		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7053602	E/25.0	0.00	49
WWIS	7		con 4 RICHMOND ON	ENE/25.5	0.00	55

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7042052			
WWIS	8		RICHMOND ON <i>Well ID:</i> 7299417	NNE/27.7	0.00	60
WWIS	9		ON <i>Well ID:</i> 1509267	SE/30.7	0.00	66
WWIS	10		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7112964	ENE/30.7	-0.78	68
WWIS	11		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7115742	ENE/31.5	0.00	74
WWIS	12		lot 23 con 4 ON <i>Well ID:</i> 7317800	NNE/32.0	0.00	79
WWIS	14		RICHMOND ON <i>Well ID:</i> 7139869	NE/35.8	0.00	79
WWIS	15		RICHMOND ON <i>Well ID:</i> 7251021	NNE/36.3	0.00	84
WWIS	17		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7139816	ENE/37.3	0.00	91
WWIS	18		RICHMOND ON <i>Well ID:</i> 7139834	NE/41.3	0.00	96
WWIS	19		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7139819	ENE/41.5	0.00	101
WWIS	20		RICHMOND ON <i>Well ID:</i> 7290735	NE/41.8	0.00	105
WWIS	21		con 4 RICHMOND ON <i>Well ID:</i> 7042053	ENE/44.6	0.00	111
WWIS	22		lot 23 con 4 ON	NNE/46.5	0.00	116

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7317822			
WWIS	23		ON	E/46.7	-1.00	116
			Well ID: 1509248			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	119
			Well ID: 1534178			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	122
			Well ID: 1533995			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	126
			Well ID: 1533026			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	129
			Well ID: 1531198			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	132
			Well ID: 1531199			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	135
			Well ID: 1531744			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	139
			Well ID: 1533692			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	142
			Well ID: 1533690			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	146
			Well ID: 1533691			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	149
			Well ID: 1532221			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	153
			Well ID: 1534374			
WWIS	24		lot 22 con 4 ON	NNW/49.4	-0.50	156

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 1532219			
WWIS	24		lot 22 con 4 ON <i>Well ID:</i> 1532220	NNW/49.4	-0.50	160
WWIS	24		lot 22 con 4 ON <i>Well ID:</i> 1532692	NNW/49.4	-0.50	163
WWIS	26		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7121462	NE/50.5	0.00	166
WWIS	27		RICHMOND ON <i>Well ID:</i> 7270160	NNE/51.1	0.00	172
WWIS	28		lot 22 con 4 ON <i>Well ID:</i> 1524246	NNW/51.2	-0.50	178
WWIS	28		lot 22 con 4 ON <i>Well ID:</i> 1521298	NNW/51.2	-0.50	182
WWIS	28		lot 22 con 4 ON <i>Well ID:</i> 1530888	NNW/51.2	-0.50	185
WWIS	29		RICHMOND ON <i>Well ID:</i> 7270136	NNE/51.7	0.00	189
WWIS	30		RICHMOND ON <i>Well ID:</i> 7270149	E/59.3	-0.31	195
WWIS	31		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7102146	NE/63.4	0.00	201
WWIS	33		RICHMOND ON <i>Well ID:</i> 7251022	NNE/69.1	0.00	206
WWIS	34		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7053612	ENE/69.4	0.00	213
WWIS	35		lot 23 con 4 RICHMOND ON	NE/69.7	0.00	218

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7105849			
WWIS	36		RICHMOND ON <i>Well ID:</i> 7299410	NE/69.7	0.00	224
WWIS	37		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7145671	NE/70.5	0.00	231
WWIS	38		RICHMOND ON <i>Well ID:</i> 7299421	NNE/74.8	0.00	236
WWIS	39		RICHMOND ON <i>Well ID:</i> 7115732	ENE/81.9	0.00	241
WWIS	40		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7105853	ENE/83.7	0.00	247
WWIS	41		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7145672	ENE/84.3	0.00	252
WWIS	42		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7102134	NE/87.3	0.00	257
WWIS	43		ON <i>Well ID:</i> 7291993	E/88.9	0.00	262
WWIS	45		lot 23 con 3 ON <i>Well ID:</i> 1535428	E/98.6	0.00	263
WWIS	46		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7046992	ENE/101.5	0.00	269
WWIS	47		lot 23 con 3 ON <i>Well ID:</i> 1509767	E/101.8	-1.31	275
WWIS	48		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7039566	ENE/101.9	0.00	277
WWIS	49		lot 22 con 4 RICHMOND ON	ENE/102.5	0.00	283

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7053576			
WWIS	50		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7123233	NE/103.3	0.00	288
WWIS	51		RICHMOND ON <i>Well ID:</i> 7222502	NNE/110.7	0.00	292
WWIS	54		lot 23 con 4 ON <i>Well ID:</i> 7317819	NNE/117.9	0.00	297
WWIS	55		ON <i>Well ID:</i> 1516771	E/120.3	-1.00	297
WWIS	56		lot 21 con 4 RICHMOND ON <i>Well ID:</i> 7047002	ENE/121.9	0.00	300
WWIS	57		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7139833	ENE/122.6	0.00	305
WWIS	58		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7139871	NE/122.9	0.00	310
WWIS	59		RICHMOND ON <i>Well ID:</i> 7299418	NNE/125.8	0.00	315
WWIS	60		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7123232	NE/126.7	0.00	320
WWIS	61		lot 23 con 4 ON <i>Well ID:</i> 7317801	NE/126.7	0.00	325
WWIS	62		RICHMON ON <i>Well ID:</i> 7301262	ESE/127.8	-2.00	326
WWIS	63		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7112925	ENE/128.7	0.00	328
WWIS	64		RICHMOND ON	NNE/129.0	0.00	333

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID: 7270159</i>			
WWIS	65		lot 22 con 4 GOULBOURN RICHMOND ON <i>Well ID: 7039565</i>	ENE/130.5	0.00	340
WWIS	66		RICHMOND ON <i>Well ID: 7299427</i>	NNE/131.4	0.00	345
WWIS	67		lot 22 con 4 RICHMOND ON <i>Well ID: 7046993</i>	ENE/131.5	0.00	352
WWIS	68		RICHMOND ON <i>Well ID: 7299419</i>	NE/131.9	0.00	355
WWIS	69		RICHMOND ON <i>Well ID: 7290736</i>	NE/133.5	0.00	360
WWIS	70		lot 23 con 4 ON <i>Well ID: 7317824</i>	NE/134.2	0.00	365
WWIS	71		lot 22 con 4 RICHMOND ON <i>Well ID: 7102145</i>	ENE/135.5	0.00	366
WWIS	72		lot 22 con 4 RICHMOND ON <i>Well ID: 7105846</i>	ENE/135.6	0.00	371
WWIS	73		lot 21 con 3 ON <i>Well ID: 1502411</i>	S/136.5	1.00	377
WWIS	74		RICHMOND ON <i>Well ID: 7218691</i>	SE/139.2	0.00	379
WWIS	75		STITTSVILLE ON <i>Well ID: 7299426</i>	NNE/141.4	0.00	384
WWIS	76		RICHMOND ON <i>Well ID: 7233559</i>	NE/144.3	0.00	389
WWIS	77		lot 23 con 3 RICHMOND ON	NE/145.9	0.00	396

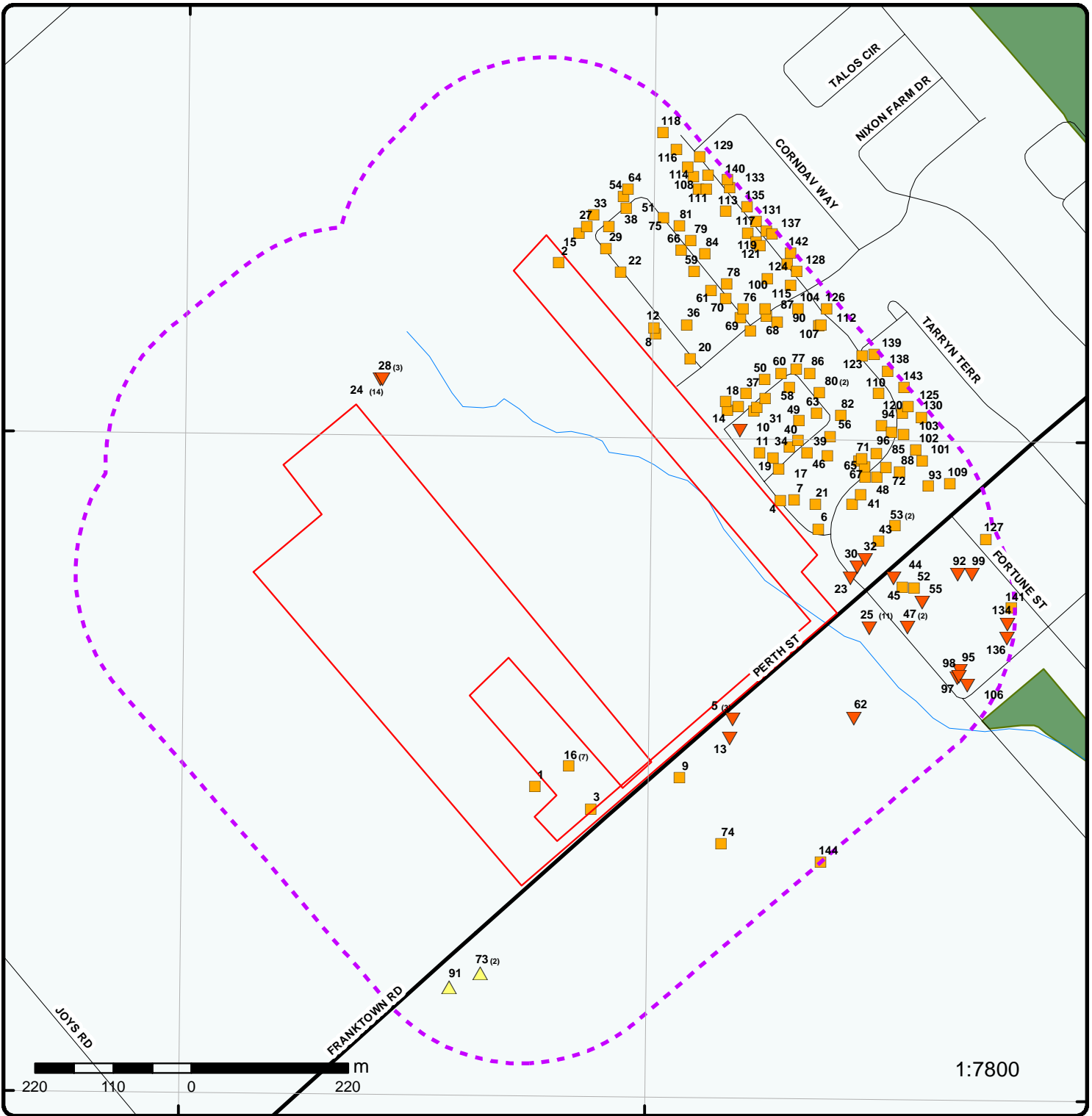
DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7124491			
WWIS	78		RICHMOND ON <i>Well ID:</i> 7243381	NE/149.3	0.00	401
WWIS	79		RICHMOND ON <i>Well ID:</i> 7233571	NNE/149.7	0.00	408
WWIS	80		RICHMOND ON <i>Well ID:</i> 7121452	ENE/150.1	0.00	413
WWIS	80		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7127130	ENE/150.1	0.00	418
WWIS	81		lot 23 con 4 ON <i>Well ID:</i> 7317798	NNE/151.1	0.00	423
WWIS	82		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7053584	ENE/152.8	0.00	423
WWIS	83		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7039646	ENE/153.1	0.00	429
WWIS	84		lot 23 con 4 ON <i>Well ID:</i> 7317799	NNE/153.4	0.00	434
WWIS	85		RICHMOND ON <i>Well ID:</i> 1536306	ENE/156.1	0.00	435
WWIS	86		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7053603	NE/157.2	0.00	441
WWIS	87		RICHMOND ON <i>Well ID:</i> 7287168	NE/162.3	0.00	447
WWIS	88		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 1536620	ENE/163.8	0.00	454
WWIS	89		RICHMOND ON	NE/168.0	0.00	459

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7224651			
WWIS	89		RICHMOND ON <i>Well ID:</i> 7224656	NE/168.0	0.00	462
WWIS	90		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7187405	NE/168.6	0.00	463
WWIS	91		lot 20 con 3 ON <i>Well ID:</i> 1527342	S/175.3	1.69	469
WWIS	93		lot 22 con 4 ON <i>Well ID:</i> 1532032	ENE/184.2	0.00	472
WWIS	94		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 1535911	ENE/186.6	0.00	476
WWIS	95		lot 22 con 3 RICHMOND ON <i>Well ID:</i> 7149243	E/191.4	-2.00	482
WWIS	96		lot 11 con 4 RICHMOND ON <i>Well ID:</i> 1535910	ENE/191.5	0.00	484
WWIS	97		lot 22 con 3 RICHMOND ON <i>Well ID:</i> 7149252	E/192.0	-2.00	490
WWIS	98		ON <i>Well ID:</i> 1515317	E/193.8	-2.00	496
WWIS	99		ON <i>Well ID:</i> 1510180	E/197.0	-0.72	499
WWIS	100		RICHMOND ON <i>Well ID:</i> 7233558	NE/198.0	0.00	501
WWIS	101		ON <i>Well ID:</i> 1516897	ENE/198.2	0.00	507
WWIS	102		lot 22 con 4 RICHMOND ON	ENE/201.3	0.00	510

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 1535040			
WWIS	103		lot 21 con 4 RICHMOND ON <i>Well ID:</i> 1534682	ENE/202.5	0.00	516
WWIS	104		RICHMOND ON <i>Well ID:</i> 7187409	NE/203.1	0.00	523
WWIS	105		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7199484	NNE/205.2	0.00	528
WWIS	106		lot 22 con 3 ON <i>Well ID:</i> 1531946	E/209.6	-2.00	534
WWIS	107		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7170995	NE/210.4	0.00	537
WWIS	108		RICHMOND ON <i>Well ID:</i> 7218223	NNE/210.9	0.00	542
WWIS	109		RICHMOND ON <i>Well ID:</i> 7173892	ENE/212.2	0.00	547
WWIS	110		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 1535912	ENE/212.6	0.00	555
WWIS	111		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7199485	NNE/213.0	0.00	561
WWIS	112		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7187408	NE/213.3	0.00	566
WWIS	113		RICHMOND ON <i>Well ID:</i> 7218225	NNE/213.6	0.00	572
WWIS	114		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7187455	NNE/213.8	0.00	578
WWIS	115		RICHMOND ON	NE/216.0	0.00	584

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 7218208			
WWIS	116		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7187534	NNE/217.1	0.00	589
WWIS	117		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7187533	NE/217.9	0.00	595
WWIS	118		RICHMOND ON <i>Well ID:</i> 7218246	NNE/218.1	0.00	601
WWIS	119		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7222501	NE/218.7	0.00	607
WWIS	120		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 1535039	ENE/219.7	0.00	612
WWIS	121		RICHMOND ON <i>Well ID:</i> 7218226	NE/220.1	0.00	618
WWIS	122		RICHMOND ON <i>Well ID:</i> 7170953	NNE/228.2	0.00	624
WWIS	123		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 1536613	ENE/229.2	0.00	631
WWIS	125		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 1536826	ENE/232.3	0.00	637
WWIS	126		RICHMOND ON <i>Well ID:</i> 7156119	NE/233.7	0.00	644
WWIS	128		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7156104	NE/235.8	0.00	649
WWIS	129		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7171001	NNE/235.8	0.00	655
WWIS	130		lot 22 con 4 RICHMOND ON	ENE/237.1	0.00	660

DB	Map Key	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			<i>Well ID:</i> 1536608			
WWIS	131		RICHMOND ON <i>Well ID:</i> 7171002	NE/237.4	0.00	666
WWIS	132		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7171006	NE/239.1	0.00	671
WWIS	133		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7170979	NNE/239.5	0.00	676
WWIS	134		lot 23 con 3 ON <i>Well ID:</i> 1510029	E/240.1	-0.25	681
WWIS	135		RICHMOND ON <i>Well ID:</i> 7176380	NNE/241.1	0.00	684
WWIS	136		lot 23 con 4 ON <i>Well ID:</i> 1528271	E/241.3	-1.08	689
WWIS	137		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 7199500	NE/242.6	0.00	691
WWIS	138		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 1534962	ENE/243.2	0.00	697
WWIS	139		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 1534959	ENE/243.5	0.00	703
WWIS	141		lot 22 con 3 ON <i>Well ID:</i> 1532034	E/245.0	0.00	710
WWIS	142		lot 22 con 4 RICHMOND ON <i>Well ID:</i> 7156105	NE/245.7	0.00	713
WWIS	143		lot 23 con 4 RICHMOND ON <i>Well ID:</i> 1534952	ENE/245.9	0.00	718



Map : 0.25 Kilometer Radius

Order No: 20191206202

Address: 6409, 6363, 6298 Perth Street, Richmond, ON, K0A 2Z0



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



250 125 0 250 m

1:10000

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Aerial (2017)

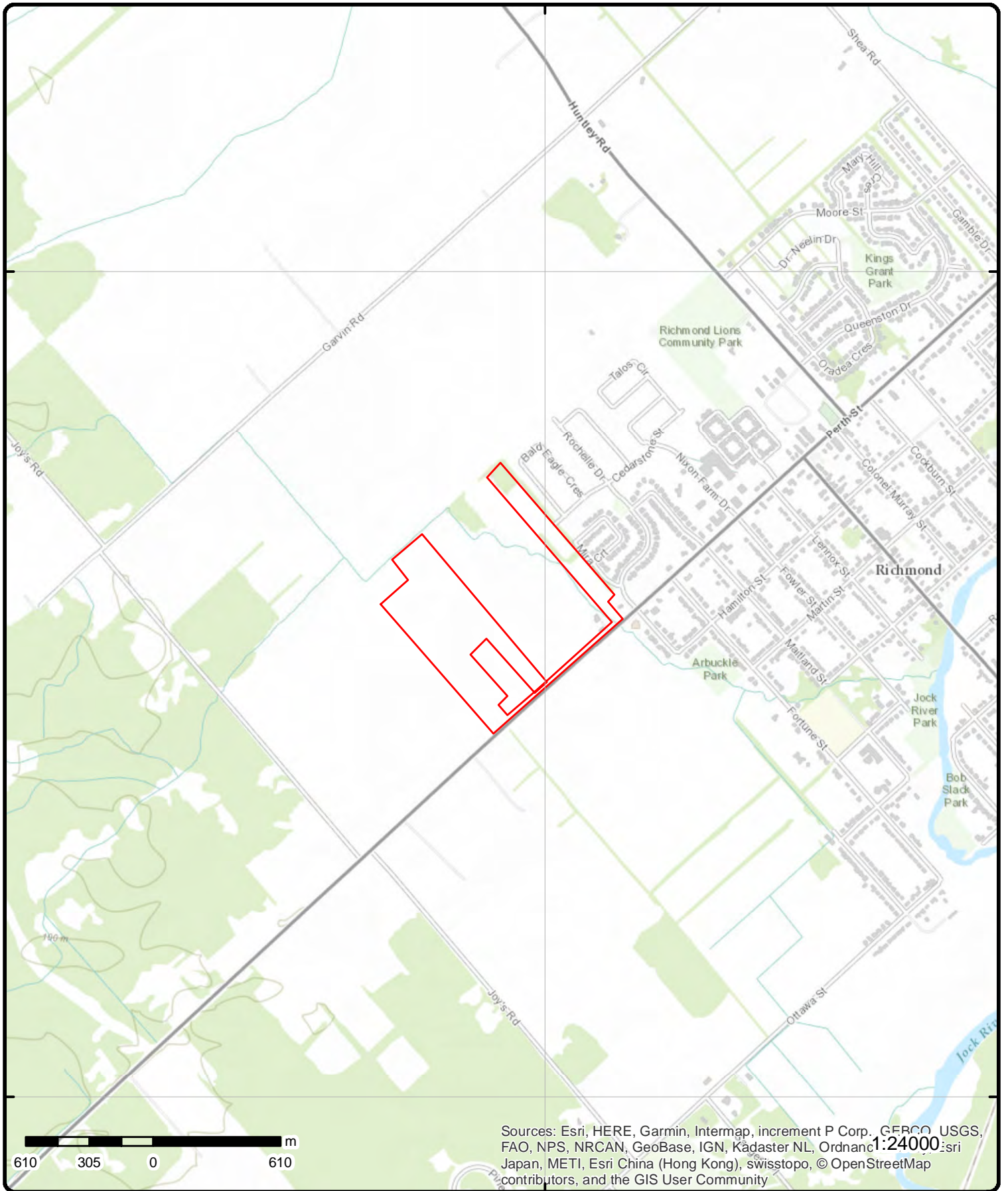
Address: 6409, 6363, 6298 Perth Street, Richmond, ON, K0A 2Z0

Source: ESRI World Imagery

Order No: 20191206202



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Topographic Map

Address: 6409, 6363, 6298 Perth Street, Richmond, ON, K0A 2Z0

Source: ESRI World Topographic Map

Order No: 20191206202



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Detail Report

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
BORE	13	1 of 1	ESE/34.9	93.9 / -1.00	ON
Borehole ID:	610315			Inclin FLG:	No
OGF ID:	215511830			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	3.7			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.18788
Total Depth m:	-999			Longitude DD:	-75.848544
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	433341
Drill Method:				Northing:	5004172
Orig Ground Elev m:	96			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.5				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385247	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	6.7	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:	218385248	Mat Consistency:	Stiff
Top Depth:	6.7	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	
Material 1:	Bedrock	Geologic Formation:	
Material 2:	Limestone	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 303.0 FEET.VERY STIFF, WEATHERED. SILT,SAND,CLAY. BROWN,COMP **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:	M	Horizontal:	NAD27

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 028230 NTS_Sheet: 31G04F			
Confiden 1:		Reliable information but incomplete.			
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

BORE	32	1 of 1	E/67.7	94.6 / -0.31	ON
Borehole ID:	610329			Inclin FLG:	No
OGF ID:	215511844			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	4.9			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.190148
Total Depth m:	-999			Longitude DD:	-75.84616
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	433531
Drill Method:				Northing:	5004422
Orig Ground Elev m:	94.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.7				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385287	Mat Consistency:	Dense
Top Depth:	8.2	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:	Blue	Non Geo Mat Type:	
Material 1:	Bedrock	Geologic Formation:	
Material 2:	Limestone	Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 294.0 FEET.. BLUE. 00046 00004049DENSE TO VERY DENSE.		
Geology Stratum ID:	218385286	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	8.2	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY.		

Source

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 028370 NTS_Sheet: 31G04F				
Confiden 1:	Reliable information but incomplete.				
<u>Source List</u>					
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				

BORE	47	1 of 2	E/101.8	93.6 / -1.31	ON
Borehole ID:	610323			Inclin FLG:	No
OGF ID:	215511838			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1968			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.189298
Total Depth m:	15.2			Longitude DD:	-75.845383
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	433591
Drill Method:				Northing:	5004327
Orig Ground Elev m:	94.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.1				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385270			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	7			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:	218385271			Mat Consistency:	Dense
Top Depth:	7			Material Moisture:	
Bottom Depth:	15.2			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:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Gsc Material Description:

Stratum Description: LIMESTONE. 00048WN. SILT,SAND,TILL. BROWN,DENSE TO VERY DENSE. 00004049DENSE TO VERY DENSE.

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02831 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		

BORE	73	1 of 2	S/136.5	95.9 / 1.00	ON
Borehole ID:	610303			Inclin FLG:	No
OGF ID:	215511818			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1959			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.184876
Total Depth m:	16.8			Longitude DD:	-75.852955
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	432991
Drill Method:				Northing:	5003842
Orig Ground Elev m:	96.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	96.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385216	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	7.6	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY.		
Geology Stratum ID:	218385217	Mat Consistency:	Compact
Top Depth:	7.6	Material Moisture:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Bottom Depth:	16.8			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. 00055WN. SILT,SAND,CLAY. BROWN,COMPACT. SILT,SAND,TILL. BROWN,GREY,VERY DENSE.				

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:		Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02811 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		

BORE	92	1 of 1	E/177.9	94.2 / -0.69	ON
Borehole ID:	610327			Inclin FLG:	No
OGF ID:	215511842			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	SEP-1969			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.18998
Total Depth m:	15.8			Longitude DD:	-75.844502
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	433661
Drill Method:				Northing:	5004402
Orig Ground Elev m:	96			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.8				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385282	Mat Consistency:	Dense
Top Depth:	7.6	Material Moisture:	
Bottom Depth:	15.8	Material Texture:	
Material Color:	Blue	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Material 4:			Depositional Gen:		
Gsc Material Description:		LIMESTONE. GREY. 00050BLUE. LIMESTONE. BLUE. 00046 00004049DENSE TO VERY DENSE. 0003 **Note:			
Stratum Description:		Many records provided by the department have a truncated [Stratum Description] field.			
Geology Stratum ID:	218385281			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:	Black			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. BLACK.			
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 02835 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				

BORE	127	1 of 1	E/233.8	94.9 / 0.00	ON
Borehole ID:	610332			Inclin FLG:	No
OGF ID:	215511847			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	4.9			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.190434
Total Depth m:	-999			Longitude DD:	-75.844
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	433701
Drill Method:				Northing:	5004452
Orig Ground Elev m:	94.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.8				
Concession:					
Location D:					
Survey D:					
Comments:					
Borehole Geology Stratum					
Geology Stratum ID:	218385294			Mat Consistency:	Compact

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		10.7			
Top Depth:				Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 294.0 FEET.COMPACT. SILT,SAND,TILL. BROWN,VERY DENSE. 0000 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218385293			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	10.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	M			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 028400 NTS_Sheet: 31G04F				
Confiden 1:	Reliable information but incomplete.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
ECA	5	1 of 3	ESE/17.8	93.9 / -1.00	Richmond Village (South) Ltd. 6350 Perth Street Ottawa ON K2C 3H2
Approval No:	5426-A5PMR9			MOE District:	
Approval Date:	2016-01-06			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:	6350 Perth Street				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2752-A4TMZE-14.pdf				
ECA	5	2 of 3	ESE/17.8	93.9 / -1.00	Richmond Village Development Corporation 6350 Perth Street Ottawa ON K2C 3H2

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Approval No: 8358-AEEQ9G MOE District: Approval Date: 2016-10-14 City: Status: Revoked and/or Replaced 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: 6350 Perth Street Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5868-A8LK5G-14.pdf					

ECA	5	3 of 3	ESE/17.8	93.9 / -1.00	Richmond Village Development Corporation 6350 Perth St Ottawa ON K2H 1B2
Approval No: 9297-AV9KAL MOE District: Approval Date: 2018-01-25 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: 6350 Perth St Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2436-AUHKU9-14.pdf					

EHS	1	1 of 1	-/0.0	94.9 / 0.00	6295-6409 Perth St & 6430 Franktown Road, Richmond ON
Order No: 20070612004 Nearest Intersection: Perth Street/Franktown Road and Joy's Road Status: C Municipality: Richmond Report Type: CAN - Custom Report Client Prov/State: Report Date: 6/15/2007 Search Radius (km): 0.25 Date Received: 6/12/2007 X: -75.845617 Previous Site Name: Y: 45.19157 Lot/Building Size: Additional Info Ordered: Fire Insur. Maps And/or Site Plans					

EHS	16	1 of 7	SSE/36.9	94.9 / 0.00	6379 Perth St Ottawa ON K0A2Z0
Order No: 20150505010 Nearest Intersection: Status: C Municipality: Report Type: Custom Report Client Prov/State: ON Report Date: 08-MAY-15 Search Radius (km): .25 Date Received: 05-MAY-15 X: -75.851416 Previous Site Name: Y: 45.187507 Lot/Building Size: Additional Info Ordered:					

EHS	44	1 of 1	E/93.2	94.1 / -0.75	6270 Perth Street Richmond (Ottawa) ON
Order No: 20110331002 Nearest Intersection:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Status:	C			Municipality:	
Report Type:	Custom Report			Client Prov/State:	ON
Report Date:	4/6/2011			Search Radius (km):	0.25
Date Received:	3/31/2011 9:25:05 AM			X:	-75.845645
Previous Site Name:				Y:	45.189923
Lot/Building Size:					
Additional Info Ordered:					

EHS	<u>53</u>	1 of 2	E/116.8	94.9 / 0.00	6265 Perth St Ottawa ON K0A2Z0
Order No:	20160316019			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	RSC Report - Quote			Client Prov/State:	ON
Report Date:	22-MAR-16			Search Radius (km):	.3
Date Received:	16-MAR-16			X:	-75.845627
Previous Site Name:				Y:	45.190589
Lot/Building Size:	± 7820 sq. m.				
Additional Info Ordered:					

GEN	<u>25</u>	1 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON
Generator No:	ON0136232			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621911				
SIC Description:	Ambulance (except Air Ambulance) Services				

Detail(s)

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

GEN	<u>25</u>	2 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON
Generator No:	ON0136232			PO Box No:	
Status:				Country:	
Approval Years:	2013			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621911				
SIC Description:					

Detail(s)

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

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

GEN	<u>25</u>	3 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET
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DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
OTTAWA ON					
Generator No:	ON0136232			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621911				
SIC Description:	Ambulance (except Air Ambulance) Services				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
GEN	<u>25</u>	4 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON K0A 2Z0
Generator No:	ON0136232			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Karen McPeak
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.28982
SIC Code:	621911				
SIC Description:	621911				
<u>Detail(s)</u>					
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
GEN	<u>25</u>	5 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON
Generator No:	ON0136232			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	621911				
SIC Description:	Ambulance (except Air Ambulance) Services				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
GEN	<u>25</u>	6 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON
Generator No:	ON0136232			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
SIC Code:	621911				
SIC Description:	Ambulance (except Air Ambulance) Services				
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				

GEN	<u>25</u>	7 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON K0A 2Z0
Generator No:	ON0136232			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:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				

GEN	<u>25</u>	8 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON K0A 2Z0
Generator No:	ON0136232			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jun 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:	251 L				
Waste Class Desc:	Waste oils/sludges (petroleum based)				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				

GEN	<u>25</u>	9 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON K0A 2Z0
Generator No:	ON0136232			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Line Larabie
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.22389
SIC Code:	621911				
SIC Description:	621911				
<u>Detail(s)</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		312			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
GEN	<u>25</u>	10 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET OTTAWA ON K0A 2Z0
Generator No:	ON0136232			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Line Larabie
MHSW Facility:	No			Phone No Admin:	613-580-2424 Ext.22389
SIC Code:	621911				
SIC Description:	621911				
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
GEN	<u>25</u>	11 of 11	E/50.1	93.0 / -1.85	OTTAWA, CITY OF, EMS 6280 PERTH STREET RICHMOND ON K0A 2Z0
Generator No:	ON0136232			PO Box No:	
Status:				Country:	
Approval Years:	01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8373				
SIC Description:	ENVIRON. ADMIN.				
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
GEN	<u>53</u>	2 of 2	E/116.8	94.9 / 0.00	CARLETON PLACE DRUGMART 6265 PERTH STREET RICHMOND ON K0A 2Z0
Generator No:	ON8353070			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:					
<u>Detail(s)</u>					
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		312 P			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Waste Class Desc:		Pathological wastes			
PES	16	2 of 7	SSE/36.9	94.9 / 0.00	RICHMOND HOME HARDWARE 6379 PERTH ST RICHMOND ON K0A2Z0
Detail Licence No:				Operator Box:	
Licence No:	16393			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	2299540
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
PES	16	3 of 7	SSE/36.9	94.9 / 0.00	RICHMOND HOME HARDWARE 6379 PERTH ST RICHMOND ON K0A2Z0
Detail Licence No:	23-01-11298-0			Operator Box:	
Licence No:	11298			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	2299540
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region:	4
Longitude:				Operator District:	
Lot:				Operator County:	15
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
PES	16	4 of 7	SSE/36.9	94.9 / 0.00	RICHMOND HOME HARDWARE 6379 PERTH ST RICHMOND ON K0A2Z0
Detail Licence No:				Operator Box:	1191
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	Vendor
Report Source:				Oper Area Code:	
Licence Type:				Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:			Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		

PES	<u>16</u>	5 of 7	SSE/36.9	94.9 / 0.00	RICHMOND HOME HARDWARE 6379 PERTH ST RICHMOND ON K0A2Z0
Detail Licence No: Licence No: 18503 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 2299540 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		

PES	<u>16</u>	6 of 7	SSE/36.9	94.9 / 0.00	RICHMOND HOME HARDWARE 6379 PERTH ST RICHMOND ON K0A 2Z0
Detail Licence No: Licence No: Status: Approval Date: Report Source: Vendor Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:			Operator Box: 1191 Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		

PES	<u>16</u>	7 of 7	SSE/36.9	94.9 / 0.00	RICHMOND HOME HARDWARE 6379 PERTH ST RICHMOND ON K0A2Z0
Detail Licence No: Licence No: 11298			Operator Box: Operator Class:		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Legacy Licenses (Excluding TS) Retail Vendor Class 03 21 03		Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		613 2299540

PINC	124	1 of 1	NE/232.3	94.9 / 0.00	60 Rochelle Drive, Richmond ON K0A 2Z0	
Incident ID: Incident No: Type: Status Code: Fuel Occurrence Tp: Fuel Type: Tank Status: Task No: Spills Action Centre: Method Details: Fuel Category: Date of Occurrence: Occurrence Start Date: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		2632572 476290 FS-Pipeline Incident Pipeline Damage Reason Est utility damage Heating Fuel		Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		24 Plastic Outside
		Service / Riser Distribution Pipeline Service Regulator (up to 60 psi intake) 60 Rochelle Drive, Richmond - 1/2" Pipeline Hit Stiles, Jeff - Enbridge Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Damaged with Equipment				

PINC	140	1 of 1	NNE/244.5	94.9 / 0.00	74 Rochelle Drive, Richmond ON	
Incident ID: Incident No: Type: Status Code: Fuel Occurrence Tp: Fuel Type: Tank Status: Task No: Spills Action Centre: Method Details: Fuel Category: Date of Occurrence: Occurrence Start Date: Operation Type: Pipeline Type:		859568 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 3942834 E-mail Natural Gas 2012/08/17		Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location:		Yes Yes FS-Perform P-line Inc Invest

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Regulator Type:					
Summary:		74 Rochelle Drive, Richmond - 1/2" Pipeline Hit			
Reported By:		ryan.noble@enbridge.com			
Affiliation:					
Occurrence Desc:		Facility was not located or marked			
Damage Reason:					
Notes:					
SCT	52	1 of 1	E/114.1	94.9 / 0.00	Bayview Windows 6270 Perth St Richmond ON K0A 2Z0
Established:		01-SEP-89			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		General-Line Building Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416310			
Description:		General-Line Building Supplies Wholesaler-Distributors			
SIC/NAICS Code:		416310			
Description:		All Other Building Equipment Contractors			
SIC/NAICS Code:		238299			
Description:		Other Building Finishing Contractors			
SIC/NAICS Code:		238390			
SPL	144	1 of 1	SE/250.0	94.9 / 0.00	Enbridge Gas Distribution Inc. 99 Cantel Cres Ottawa ON
Ref No:		0621-BBYM45		Discharger Report:	
Site No:		NA		Material Group:	
Incident Dt:		5/8/2019		Health/Env Conseq: 2 - Minor Environment	
Year:				Corporation	
Incident Cause:				Client Type: Miscellaneous Communal	
Incident Event:		Leak/Break		Sector Type:	
Contaminant Code:		35		Agency Involved:	
Contaminant Name:		NATURAL GAS (METHANE)		Nearest Watercourse:	
Contaminant Limit 1:				Site Address: 99 Cantel Cres	
Contam Limit Freq 1:				Site District Office: Ottawa	
Contaminant UN No 1:		1075		Site Postal Code:	
Environment Impact:				Site Region: Eastern	
Nature of Impact:				Site Municipality: Ottawa	
Receiving Medium:				Site Lot:	
Receiving Env:		Air		Site Conc:	
MOE Response:		No		Northing:	
Dt MOE Arvl on Scn:				Easting:	
MOE Reported Dt:		5/8/2019		Site Geo Ref Accu:	
Dt Document Closed:		6/29/2019		Site Map Datum:	
Incident Reason:		Operator/Human Error		SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
Site Name:		residential new sub division under construction<UNOFFICIAL>			
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		TSSA - Enbridge, 1/2" plastic service IP line damaged, made safe			
Contaminant Qty:		0 other - see incident description			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
WWIS	<u>2</u>	1 of 1	-/0.0	94.9 / 0.00	lot 22 con 4 ON
Well ID:	7317827			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/27/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256792			Owner:	
Tag:	A199982			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1007274637			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433101
Code OB Desc:				North83:	5004840
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	2/28/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>3</u>	1 of 1	SSE/2.8	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	1535202			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/26/2004
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	3
Audit No:	Z19095			Owner:	
Tag:	A019020			Street Name:	#6379 PERTH STREET
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	PART UNIT 12 PART 1 ON PLAN 4R-19207
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Bore Hole Information

Bore Hole ID:	11172954	Elevation:	95.328063
DP2BR:	20	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433146
Code OB Desc:	Bedrock	North83:	5004073
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/27/2004	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932969233
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6.09
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	932969234
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6.09
Formation End Depth:	27.43
Formation End Depth UOM:	m

Annular Space/Abandonment

Sealing Record

Plug ID:	933253380
Layer:	1
Plug From:	7.31
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11181473			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930843333			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		7.92			
Casing Diameter:		15.88			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930843334			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		7.31			
Depth To:		27.43			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11189804			
Pump Set At:		21.35			
Static Level:					
Final Level After Pumping:		2.48			
Recommended Pump Depth:		21.33			
Pumping Rate:		136.5			
Flowing Rate:		45.55			
Recommended Pump Rate:		136.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284311			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.48			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284312			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284315			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284323			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284321			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284317			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284318			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284319			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11284314			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284322			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284313			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284316			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11284320			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.48			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934050710			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		21.33			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		934050711			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		24.99			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11306153			
Diameter:		15.23			
Depth From:		0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth To:		27.43			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	4	1 of 1	ENE/10.4	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7105857			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	6/2/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z77325			Owner:	
Tag:	A051538			Street Name:	MIRA COURT, RICHMOND OAKS LOT 57
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1001605360			Elevation:	94.790275
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433412
Code OB Desc:				North83:	5004506
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	3/27/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1001687679
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	86
Other Materials:	STICKY
Mat3:	
Other Materials:	
Formation Top Depth:	3.65
Formation End Depth:	10.97
Formation End Depth UOM:	m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001687680			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		10.97			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001687678			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001687682			
Layer:		1			
Plug From:		12.8			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
<u>Pipe Information</u>					
Pipe ID:		1001687676			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001687684			
Layer:					
Material:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12.8			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1001687685			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1001687677			
Pump Set At:		15.23			
Static Level:		0			
Final Level After Pumping:		1.22			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687691			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		1.11			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687686			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.79			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687689			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.04			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687694			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	1.18			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687697			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	1.22			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687687			
	Test Type:	Recovery			
	Test Duration:	1			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687692			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	1.15			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687696			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	1.2			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687695			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	1.19			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687698			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	1.22			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001687688			
	Test Type:	Draw Down			
	Test Duration:	2			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.97			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001687690			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.08			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001687693			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.17			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001687699			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		1.22			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		1001687683			
<i>Layer:</i>		1			
<i>Kind Code:</i>		5			
<i>Kind:</i>		Not stated			
<i>Water Found Depth:</i>		43.88			
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1001687681			
<i>Diameter:</i>		15.55			
<i>Depth From:</i>					
<i>Depth To:</i>		45.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

<i>WWIS</i>	<i>6</i>	<i>1 of 1</i>	<i>E/25.0</i>	<i>94.9 / 0.00</i>	<i>lot 22 con 4 RICHMOND ON</i>
<i>Well ID:</i>		7053602			
<i>Construction Date:</i>					
<i>Primary Water Use:</i>		Domestic			
<i>Sec. Water Use:</i>					
<i>Final Well Status:</i>		Water Supply			
<i>Water Type:</i>					
<i>Casing Material:</i>					
<i>Audit No:</i>		Z60355			
<i>Tag:</i>		A065679			
<i>Construction Method:</i>					
<i>Elevation (m):</i>					
<i>Elevation Reliability:</i>					
<i>Depth to Bedrock:</i>					
<i>Well Depth:</i>					
<i>Data Entry Status:</i>					
<i>Data Src:</i>					
<i>Date Received:</i>					12/10/2007
<i>Selected Flag:</i>					Yes
<i>Abandonment Rec:</i>					
<i>Contractor:</i>					1558
<i>Form Version:</i>					4
<i>Owner:</i>					
<i>Street Name:</i>					L-58 RICHMOND OAKS
<i>County:</i>					OTTAWA-CARLETON
<i>Municipality:</i>					GOULBOURN TOWNSHIP
<i>Site Info:</i>					
<i>Lot:</i>					022
<i>Concession:</i>					04

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Overburden/Bedrock:				Concession Name:	CON
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:	23053602	Elevation:	94.782615
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433465
Code OB Desc:		North83:	5004466
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/15/2007	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1001507287
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	4.87
Formation End Depth:	8.39
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001507288
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	8.39
Formation End Depth:	45.1
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001507286
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<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Layer:</i>		2			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>		79			
<i>Other Materials:</i>		PACKED			
<i>Formation Top Depth:</i>		1.52			
<i>Formation End Depth:</i>		4.87			
<i>Formation End Depth UOM:</i>		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1001507285			
<i>Layer:</i>		1			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		02			
<i>Most Common Material:</i>		TOPSOIL			
<i>Mat2:</i>		12			
<i>Other Materials:</i>		STONES			
<i>Mat3:</i>		01			
<i>Other Materials:</i>		FILL			
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		1.52			
<i>Formation End Depth UOM:</i>		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1001507290			
<i>Layer:</i>		1			
<i>Plug From:</i>		11.88			
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		4			
<i>Method Construction:</i>		Rotary (Air)			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1001507283			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1001507292			
<i>Layer:</i>					
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		11.88			
<i>Casing Diameter:</i>		15.86			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1001507293			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>					
<i>Screen Diameter UOM:</i>					
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1001507284			
<i>Pump Set At:</i>		22.85			
<i>Static Level:</i>		0.2			
<i>Final Level After Pumping:</i>		0.57			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		4			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001507298			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.54			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001507306			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.57			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001507310			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0.57			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001507296			
<i>Test Type:</i>		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		2			
Test Level:		0.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507299			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507302			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507309			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507304			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507307			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507308			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507294			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.52			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507305			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	0.57			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507311			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	0.57			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507295			
	Test Type:	Recovery			
	Test Duration:	1			
	Test Level:	0.26			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507297			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	0.23			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507301			
	Test Type:	Recovery			
	Test Duration:	4			
	Test Level:	0.21			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507303			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	0.2			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001507300			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	0.54			
	Test Level UOM:	m			
<u>Water Details</u>					
	Water ID:	1001507291			
	Layer:	1			
	Kind Code:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Kind:					
	Water Found Depth:	42.66			
	Water Found Depth UOM:	m			
<u>Hole Diameter</u>					
	Hole ID:	1001507289			
	Diameter:	15.39			
	Depth From:				
	Depth To:	45.1			
	Hole Depth UOM:	m			
	Hole Diameter UOM:	cm			

WWIS	7	1 of 1	ENE/25.5	94.9 / 0.00	con 4 RICHMOND ON
Well ID:	7042052				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	
Sec. Water Use:				Date Received:	3/29/2007
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z58608			Form Version:	3
Tag:	A035484			Owner:	
Construction Method:				Street Name:	L028 RICHMOND OAKS
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	11764550			Elevation:	94.824485
DP2BR:	30			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433431
Code OB Desc:	Bedrock			North83:	5004507
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	3/1/2007			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	933095917
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933095920			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		38.09			
Formation End Depth:		48.76			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933095918			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		9.14			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933095919			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9.14			
Formation End Depth:		38.09			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Plug ID:		933316144			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933316143			
Layer:		1			
Plug From:		11.88			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11772270			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930897375			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11777853			
Pump Set At:		30.47			
Static Level:		0			
Final Level After Pumping:		11.8			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		18.2			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11799610			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799612			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		2.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799786			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		11.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799606			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		8.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799611			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799782			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799788			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		11.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799609			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.82			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799779			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		1.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799780			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		9.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799613			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799787			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		11.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799607			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799781			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799783			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		10.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Pump Test Detail ID:</u> 11799605					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 1					
<u>Test Level:</u> 1.96					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 11799608					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 2					
<u>Test Level:</u> 5.77					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 11799784					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 25					
<u>Test Level:</u> 11.3					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 11799785					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 30					
<u>Test Level:</u> 11.44					
<u>Test Level UOM:</u> m					
<u>Water Details</u>					
<u>Water ID:</u> 934084942					
<u>Layer:</u> 1					
<u>Kind Code:</u>					
<u>Kind:</u>					
<u>Water Found Depth:</u> 46.63					
<u>Water Found Depth UOM:</u> m					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 11850840					
<u>Diameter:</u> 22.75					
<u>Depth From:</u> 0					
<u>Depth To:</u> 11.88					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 11850841					
<u>Diameter:</u> 15.23					
<u>Depth From:</u> 11.88					
<u>Depth To:</u> 48.76					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					

WWIS

8

1 of 1

NNE/27.7

94.9 / 0.00

RICHMOND ON

Well ID:

7299417

Data Entry Status:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Construction Date:				Data Src:	
	Primary Water Use:	Domestic		Date Received:	11/17/2017
	Sec. Water Use:			Selected Flag:	Yes
	Final Well Status:	Water Supply		Abandonment Rec:	
	Water Type:			Contractor:	1558
	Casing Material:			Form Version:	7
	Audit No:	Z256752		Owner:	
	Tag:	A200008		Street Name:	LOT 8 BALD EAGLE
	Construction Method:			County:	OTTAWA-CARLETON
	Elevation (m):			Municipality:	GOULBOURN TOWNSHIP
	Elevation Reliability:			Site Info:	
	Depth to Bedrock:			Lot:	
	Well Depth:			Concession:	
	Overburden/Bedrock:			Concession Name:	
	Pump Rate:			Easting NAD83:	
	Static Water Level:			Northing NAD83:	
	Flowing (Y/N):			Zone:	
	Flow Rate:			UTM Reliability:	
	Clear/Cloudy:				

Bore Hole Information

Bore Hole ID:	1006804096	Elevation:	95.109367
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433237
Code OB Desc:		North83:	5004740
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	8/24/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007040318
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	11.27
Formation End Depth:	45.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1007040317
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007040316			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007040345			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1007040314			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007040322			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		1007040323			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007040324			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007040315			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		1.55			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		50.05			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040337			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040342			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040327			
Test Type:		Draw Down			
Test Duration:		2			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		1.16			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040339			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		1.51			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040341			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		1.53			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040333			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.38			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040325			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.99			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040335			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		1.43			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040340			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		1.52			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040326			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.28			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1007040332			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040334			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040328			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040331			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040336			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040338			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		1.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040329			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040330			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.78			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1007040321			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.8			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007040320			
Diameter:		15.25			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007040319			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	9	1 of 1	SE/30.7	94.9 / 0.00	ON
Well ID:		1509267			
Construction Date:				Data Entry Status:	
Primary Water Use:		Domestic		Data Src:	1
Sec. Water Use:		0		Date Received:	3/20/1963
Final Well Status:		Water Supply		Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	3504
Audit No:				Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	RICHMOND VILLAGE
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	
Overburden/Bedrock:				Concession:	
Pump Rate:				Concession Name:	
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:		10031300		Elevation:	94.820899
DP2BR:		22		Elevrc:	
Spatial Status:				Zone:	18
Code OB:		r		East83:	433270.7
Code OB Desc:		Bedrock		North83:	5004117
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		12/3/1962		UTMRC Desc:	margin of error : 100 m - 300 m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Remarks:			Location Method:		p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011805			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		22			
Formation End Depth:		40			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011804			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579870			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055251			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055252			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		40			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509267			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:		20			
Recommended Pump Depth:		25			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		7			
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			
<u>Water Details</u>					
Water ID:		933464078			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40			
Water Found Depth UOM:		ft			

WWIS	<u>10</u>	1 of 1	ENE/30.7	94.1 / -0.78	lot 22 con 4 RICHMOND ON
Well ID:	7112964			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	10/14/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z77397			Owner:	
Tag:	A051562			Street Name:	43 MIRA CRT.
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Overburden/Bedrock:				Concession Name:	CON
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:	1001835831	Elevation:	94.852752
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433355
Code OB Desc:		North83:	5004605
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	7/21/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1001843431
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	78
Other Materials:	MEDIUM-GRAINED
Formation Top Depth:	10.96
Formation End Depth:	45.1
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001843432
Layer:	6
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	74
Other Materials:	LAYERED
Mat3:	
Other Materials:	
Formation Top Depth:	45.1
Formation End Depth:	
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001843427
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DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1			
		6			
		BROWN			
		05			
		CLAY			
		12			
		STONES			
		01			
		FILL			
		0			
		1.52			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1001843430			
		4			
		2			
		GREY			
		05			
		CLAY			
		86			
		STICKY			
		4.26			
		10.96			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1001843429			
		3			
		6			
		BROWN			
		05			
		CLAY			
		79			
		PACKED			
		4.26			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1001843428			
		2			
		90			
		VERY			
		91			
		WATER-BEARING			
		1.52			
		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Annular Space/Abandonment Sealing Record</u>					
		1001843434			
		1			
		13.1			
		m			
<u>Method of Construction & Well Use</u>					
		4			
		Rotary (Air)			
		AIR PERCUSSION			
<u>Pipe Information</u>					
		1001843425			
		0			
<u>Construction Record - Casing</u>					
		1001843436			
		1			
		STEEL			
		-0.45			
		15.86			
		cm			
		m			
<u>Construction Record - Screen</u>					
		1001843437			
<u>Results of Well Yield Testing</u>					
		1001843426			
		15.23			
		-0.43			
		-0.13			
		15.23			
		54.6			
		45.5			
		45.5			
		m			
		LPM			
		1			
		CLEAR			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pumping Test Method:</i>		4			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		Y			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843438			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		-0.14			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843443			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		-0.12			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843446			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		-0.12			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843447			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		-0.13			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843449			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		-0.13			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843450			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		-0.13			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001843451			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		-0.13			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843439			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		-0.43			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843440			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		-0.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843445			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		-0.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843448			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		-0.13			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843441			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		-0.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843442			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		-0.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001843444			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		-0.12			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001843435			
Layer:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		44.19			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001843433			
Diameter:		15.39			
Depth From:					
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>11</u>	1 of 1	ENE/31.5	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:		7115742			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:					
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:		Z84443			
Tag:		A068313			
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
				Data Entry Status:	
				Data Src:	
				Date Received:	12/2/2008
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	7
				Owner:	
				Street Name:	LOT 55 RICHMOND OAKS
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	022
				Concession:	04
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	1001904987	Elevation:	94.752365
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433383
Code OB Desc:		North83:	5004573
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	11/7/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1001982596
Layer:	2
Color:	2
General Color:	GREY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		3.65			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001982597			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		11.27			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001982595			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001982600			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
<u>Pipe Information</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pipe ID:</i>		1001982593			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1001982602			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1001982603			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1001982594			
<i>Pump Set At:</i>		22.85			
<i>Static Level:</i>		0.6			
<i>Final Level After Pumping:</i>		-0.45			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		50.5			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001982606			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.45			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001982611			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.4			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982613			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982615			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982605			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982608			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982609			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982604			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982610			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982614			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982607			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982612			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982616			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982617			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.45			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001982601			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.19			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001982598			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001982599			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			

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

WWIS	<u>12</u>	1 of 1	NNE/32.0	94.9 / 0.00	lot 23 con 4 ON
Well ID:	7317800			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/27/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256822			Owner:	
Tag:	A225495			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1007273538			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433235
Code OB Desc:				North83:	5004749
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/22/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>14</u>	1 of 1	NE/35.8	94.9 / 0.00	RICHMOND ON
Well ID:	7139869			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/16/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z101723			Owner:	
Tag:	A076848			Street Name:	LOT 44 MIRA COURT
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
 <u>Bore Hole Information</u>					
Bore Hole ID:		1002937861		Elevation:	94.785079
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433338
Code OB Desc:				North83:	5004633
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		9/9/2009		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003108340			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003108341			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		11.27			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003108339			
Layer:		1			
Color:		6			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003108344			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003108337			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003108346			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003108347			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003108338			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Set At:		22.85			
Static Level:		0			
Final Level After Pumping:		0.28			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		40.95			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108356			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.28			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108352			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.24			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108360			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.27			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108359			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.27			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108348			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.26			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108353			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.27			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108354			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108355			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108351			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108358			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108349			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108350			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108357			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.3			
Test Level UOM:		m			
<u>Water Details</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water ID:		1003108345			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003108343			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003108342			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	15	1 of 1	NNE/36.3	94.9 / 0.00	RICHMOND ON
Well ID:	7251021				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z188493				
Tag:	A165044				
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1005768594				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	6/17/2015				
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Data Entry Status:					
Data Src:					
Date Received:	10/26/2015				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 17 RICHMOND OAKS BALK EAGLE				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Elevation:				94.865295	
Elevrc:					
Zone:				18	
East83:				433129	
North83:				5004881	
Org CS:				UTM83	
UTMRC:				4	
UTMRC Desc:				margin of error : 30 m - 100 m	
Location Method:				wwr	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005791984			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		77			
Other Materials:		LOOSE			
Formation Top Depth:		9.14			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005791982			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005791983			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		9.14			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005791986			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		18			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		48.76			
Formation End Depth:		67.05			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005791985			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		11.27			
Formation End Depth:		48.76			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005792021			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		2			
Method Construction Code:		Rotary (Convent.)			
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005791980			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005791990			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.31			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Construction Record - Casing</u>					
Casing ID:		1005791991			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005791992			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1005791981			
Pump Set At:		45.7			
Static Level:		0			
Final Level After Pumping:		21			
Recommended Pump Depth:		30.47			
Pumping Rate:		45.5			
Flowing Rate:		31.85			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791994			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		18.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791998			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		14.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792012			
Test Type:		Recovery			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792015			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		20.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792017			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791993			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792010			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791995			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791996			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		16.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792001			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		7.05			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792002			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		9.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792005			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		13.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792007			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		15.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792003			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		11.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791997			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005791999			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792000			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		12.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792004			
Test Type:		Recovery			
Test Duration:		10			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		3.26			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792008			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792009			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		16.65			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792011			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		17.8			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792013			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		19.2			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792018			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792006			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.73			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1005792016			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 1005792014					
Test Type: Recovery					
Test Duration: 40					
Test Level: 0					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 1005791989					
Layer: 1					
Kind Code: 8					
Kind: Untested					
Water Found Depth: 62.78					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1005791987					
Diameter: 15.86					
Depth From: 13.1					
Depth To: 67.05					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1005791988					
Diameter: 15.86					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	17	1 of 1	ENE/37.3	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7139816			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/16/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z101758			Owner:	
Tag:	A082917			Street Name:	LOT 56 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1002937583			Elevation:	94.697769
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Code OB:				East83:	433410
Code OB Desc:				North83:	5004550
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	11/4/2009			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1003105899
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1003105901
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.05
Formation End Depth: 45.1
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1003105900
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 86
Other Materials: STICKY
Formation Top Depth: 3.96
Formation End Depth: 10.05
Formation End Depth UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003105904			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003105897			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003105906			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003105907			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003105898			
Pump Set At:		15.23			
Static Level:		-1.09			
Final Level After Pumping:		-1.08			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105911			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		-1.09			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105914			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		-1.09			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105916			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		-1.08			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105908			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		-1.09			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105909			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		-1.09			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105910			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		-1.09			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003105921			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		-1.08			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105912			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		-1.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105915			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		-1.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105917			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		-1.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105920			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		-1.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105918			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		-1.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105919			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		-1.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003105913			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		-1.09			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003105905			
Layer:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003105903			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003105902			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	18	1 of 1	NE/41.3	94.9 / 0.00	RICHMOND ON
Well ID:	7139834				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z101773				
Tag:	A082858				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	2/16/2010				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 45 RICHMOND OAKS				
County:	OTTAWA-CARLETON				
Municipality:	RICHMOND VILLAGE (GOULBOURN)				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1002937649			Elevation:	94.777778
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433335
Code OB Desc:				North83:	5004645
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	11/25/2009			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					

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

Overburden and Bedrock

Materials Interval

Formation ID: 1003106557
 Layer: 1
 Color: 6
 General Color: BROWN
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 12
 Other Materials: STONES
 Mat3:
 Other Materials:
 Formation Top Depth: 0
 Formation End Depth: 3.65
 Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1003106559
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2: 18
 Other Materials: SANDSTONE
 Mat3: 78
 Other Materials: MEDIUM-GRAINED
 Formation Top Depth: 11.27
 Formation End Depth: 45.1
 Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1003106558
 Layer: 2
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 12
 Other Materials: STONES
 Mat3: 86
 Other Materials: STICKY
 Formation Top Depth: 3.65
 Formation End Depth: 11.27
 Formation End Depth UOM: m

Annular Space/Abandonment

Sealing Record

Plug ID: 1003106562
 Layer: 1
 Plug From: 13.1
 Plug To: 0
 Plug Depth UOM: m

Method of Construction & Well

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003106555			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003106564			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003106565			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003106556			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		0.72			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		22.75			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106574			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.68			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106573			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106569			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106568			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106575			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106576			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106578			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106570			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1003106571			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106577			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106567			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106572			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106566			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.56			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003106563			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003106560			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003106561			
Diameter:		15.23			
Depth From:		13.1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	19	1 of 1	ENE/41.5	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7139819			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/16/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z101759			Owner:	
Tag:	A082916			Street Name:	LOT 30 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1002937592			Elevation:	94.732681
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433402
Code OB Desc:				North83:	5004566
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	11/4/2009			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1003106263
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	3.65
Formation End Depth:	10.05
Formation End Depth UOM:	m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1003106264			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	10.05			
	Formation End Depth:	45.1			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1003106262			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:	79			
	Other Materials:	PACKED			
	Formation Top Depth:	0			
	Formation End Depth:	3.65			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1003106267			
	Layer:	1			
	Plug From:	13.1			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:	AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1003106260			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1003106269			
	Layer:	1			
	Material:	1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Open Hole or Material:</i>					
		STEEL			
<i>Depth From:</i>					
		-0.45			
<i>Depth To:</i>					
		13.1			
<i>Casing Diameter:</i>					
		15.86			
<i>Casing Diameter UOM:</i>					
		cm			
<i>Casing Depth UOM:</i>					
		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>					
		1003106270			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>					
		m			
<i>Screen Diameter UOM:</i>					
		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>					
		1003106261			
<i>Pump Set At:</i>					
		15.23			
<i>Static Level:</i>					
		-0.5			
<i>Final Level After Pumping:</i>					
		0.93			
<i>Recommended Pump Depth:</i>					
		15.23			
<i>Pumping Rate:</i>					
		54.6			
<i>Flowing Rate:</i>					
		45.5			
<i>Recommended Pump Rate:</i>					
		45.5			
<i>Levels UOM:</i>					
		m			
<i>Rate UOM:</i>					
		LPM			
<i>Water State After Test Code:</i>					
		1			
<i>Water State After Test:</i>					
		CLEAR			
<i>Pumping Test Method:</i>					
		0			
<i>Pumping Duration HR:</i>					
		1			
<i>Pumping Duration MIN:</i>					
		0			
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>					
		1003106275			
<i>Test Type:</i>					
		Draw Down			
<i>Test Duration:</i>					
		5			
<i>Test Level:</i>					
		0.88			
<i>Test Level UOM:</i>					
		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>					
		1003106276			
<i>Test Type:</i>					
		Draw Down			
<i>Test Duration:</i>					
		10			
<i>Test Level:</i>					
		0.91			
<i>Test Level UOM:</i>					
		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>					
		1003106278			
<i>Test Type:</i>					
		Draw Down			
<i>Test Duration:</i>					
		20			
<i>Test Level:</i>					
		0.93			
<i>Test Level UOM:</i>					
		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106271			
	Test Type:	Draw Down			
	Test Duration:	1			
	Test Level:	0.6			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106274			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	0.85			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106283			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	0.93			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106272			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	0.75			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106273			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	0.82			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106277			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	0.92			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106279			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	0.94			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003106281			
	Test Type:	Draw Down			
	Test Duration:	40			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level:		0.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106282			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.92			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106280			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.94			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003106268			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003106265			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003106266			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

.....	20	1 of 1	NE/41.8	94.9 / 0.00	RICHMOND ON
WWIS					
Well ID:	7290735			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	7/24/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256703			Owner:	
Tag:	A149016			Street Name:	106 BALD EAGLE LOT 6
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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:	1006639857	Elevation:	94.89286
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433285
Code OB Desc:		North83:	5004705
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/25/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1006728582
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	10.97
Formation End Depth:	45.1
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1006728580
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0.91
Formation End Depth:	9.14
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID: 1006728579					
Layer: 2					
Color: 6					
General Color: BROWN					
Mat1: 05					
Most Common Material: CLAY					
Mat2:					
Other Materials:					
Mat3: 79					
Other Materials: PACKED					
Formation Top Depth: 0.15					
Formation End Depth: 0.91					
Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1006728578					
Layer: 1					
Color: 6					
General Color: BROWN					
Mat1: 02					
Most Common Material: TOPSOIL					
Mat2: 12					
Other Materials: STONES					
Mat3: 79					
Other Materials: PACKED					
Formation Top Depth: 0					
Formation End Depth: 0.15					
Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1006728581					
Layer: 4					
Color: 2					
General Color: GREY					
Mat1: 34					
Most Common Material: TILL					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 9.14					
Formation End Depth: 10.97					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1006728605					
Layer: 1					
Plug From: 13.1					
Plug To: 0					
Plug Depth UOM: m					
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code: 2					
Method Construction: Rotary (Convent.)					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1006728576			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006728587			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1006728586			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006728588			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1006728577			
Pump Set At:		22.85			
Static Level:					
Final Level After Pumping:		0.7			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		45.5			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728589		
		Test Type:	Draw Down		
		Test Duration:	1		
		Test Level:	0.45		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728596		
		Test Type:	Draw Down		
		Test Duration:	15		
		Test Level:	0.66		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728599		
		Test Type:	Draw Down		
		Test Duration:	30		
		Test Level:	0.68		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728591		
		Test Type:	Draw Down		
		Test Duration:	2		
		Test Level:	0.51		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728593		
		Test Type:	Draw Down		
		Test Duration:	4		
		Test Level:	0.59		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728592		
		Test Type:	Draw Down		
		Test Duration:	3		
		Test Level:	0.57		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728597		
		Test Type:	Draw Down		
		Test Duration:	20		
		Test Level:	0.66		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1006728600		

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.68			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006728598			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.67			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006728602			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.7			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006728594			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006728601			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0.69			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006728590			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.01			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006728595			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.63			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		1006728585			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		43.88			
<i>Water Found Depth UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Hole Diameter</u>					
Hole ID:		1006728583			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1006728584			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	21	1 of 1	ENE/44.6	94.9 / 0.00	con 4 RICHMOND ON
Well ID:		7042053			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:					
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:		Z58607			
Tag:		A035480			
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
				Data Entry Status:	
				Data Src:	
				Date Received:	3/29/2007
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	3
				Owner:	
				Street Name:	L-29 RICHMOND OAKS
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	
				Concession:	04
				Concession Name:	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

<u>Bore Hole Information</u>					
Bore Hole ID:		11764551		Elevation:	94.804718
DP2BR:		30		Elevrc:	
Spatial Status:				Zone:	18
Code OB:		r		East83:	433461
Code OB Desc:		Bedrock		North83:	5004501
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:		3/1/2007		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		933095922			
		2			
		2			
		GREY			
		05			
		CLAY			
		3.96			
		9.14			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		933095921			
		1			
		6			
		BROWN			
		05			
		CLAY			
		79			
		PACKED			
		0			
		3.96			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		933095923			
		3			
		2			
		GREY			
		15			
		LIMESTONE			
		9.14			
		37.48			
		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		933316145			
		1			
		11.88			
		0			
		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		933316146			
		2			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11772271			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930897376			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11777854			
Pump Set At:		30.47			
Static Level:		0			
Final Level After Pumping:		2.95			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799794			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11799797			
Test Type:		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		15			
		2.78			
		m			
<u>Draw Down & Recovery</u>					
		11799800			
		Draw Down			
		30			
		2.96			
		m			
<u>Draw Down & Recovery</u>					
		11799798			
		Draw Down			
		20			
		2.93			
		m			
<u>Draw Down & Recovery</u>					
		11799803			
		Draw Down			
		60			
		2.95			
		m			
<u>Draw Down & Recovery</u>					
		11799792			
		Recovery			
		2			
		0			
		m			
<u>Draw Down & Recovery</u>					
		11799789			
		Draw Down			
		1			
		1.35			
		m			
<u>Draw Down & Recovery</u>					
		11799791			
		Draw Down			
		2			
		1.97			
		m			
<u>Draw Down & Recovery</u>					
		11799795			
		Draw Down			
		5			
		2.6			
		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11799799			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		2.94			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11799802			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		2.95			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11799796			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		2.68			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11799801			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		2.96			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11799793			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.38			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11799790			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.95			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		934084943			
<i>Layer:</i>		1			
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>		33.83			
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		11850842			
<i>Diameter:</i>		15.23			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth From:		11.88			
Depth To:		37.48			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11850843			
Diameter:		22.75			
Depth From:		0			
Depth To:		11.88			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>22</u>	1 of 1	NNE/46.5	94.9 / 0.00	lot 23 con 4 ON
Well ID:	7317822			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/27/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256800			Owner:	
Tag:	A199975			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1007274220			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433188
Code OB Desc:				North83:	5004827
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/23/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>23</u>	1 of 1	E/46.7	93.9 / -1.00	ON
Well ID:	1509248			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/13/1961
Sec. Water Use:	0			Selected Flag:	Yes

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	10031281	Elevation:	94.798187
DP2BR:	27	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433510.7
Code OB Desc:	Bedrock	North83:	5004397
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	5/22/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931011765
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	48
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931011764
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	27			
	Formation End Depth UOM:	ft			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	1			
	Method Construction:	Cable Tool			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10579851			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930055213			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:	31			
	Casing Diameter:	6			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Construction Record - Casing</u>					
	Casing ID:	930055214			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:	48			
	Casing Diameter:	6			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	991509248			
	Pump Set At:				
	Static Level:	0			
	Final Level After Pumping:	0			
	Recommended Pump Depth:	10			
	Pumping Rate:	20			
	Flowing Rate:				
	Recommended Pump Rate:	35			
	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			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Water Details</u>					
Water ID:		933464056			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		40			
Water Found Depth UOM:		ft			

WWIS	24	1 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1534178			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/14/2003
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	266266			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<u>Bore Hole Information</u>					
Bore Hole ID:	10543293			Elevation:	94.075775
DP2BR:	33			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	432850.2
Code OB Desc:	Bedrock			North83:	5004676
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	8/19/2003			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932925208				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Other Materials:					
Mat3:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:					
	Formation Top Depth:	33			
	Formation End Depth:	98			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932925206			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	0			
	Formation End Depth:	12			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932925207			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	12			
	Formation End Depth:	33			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933241041			
	Layer:	1			
	Plug From:	0			
	Plug To:	43			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	11091863			
	Casing No:	1			
	Comment:				
	Alt Name:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Construction Record - Casing</u>					
		930098372			
	Casing ID:				
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:				
	Casing Diameter:	6			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Construction Record - Casing</u>					
		930098373			
	Casing ID:				
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:				
	Casing Diameter:	6			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Results of Well Yield Testing</u>					
		991534178			
	Pump Test ID:				
	Pump Set At:				
	Static Level:	9			
	Final Level After Pumping:	50			
	Recommended Pump Depth:	80			
	Pumping Rate:	12			
	Flowing Rate:				
	Recommended Pump Rate:	5			
	Levels UOM:	ft			
	Rate UOM:	GPM			
	Water State After Test Code:	2			
	Water State After Test:	CLOUDY			
	Pumping Test Method:	1			
	Pumping Duration HR:	1			
	Pumping Duration MIN:	0			
	Flowing:	N			
<u>Draw Down & Recovery</u>					
		934657671			
	Pump Test Detail ID:				
	Test Type:	Draw Down			
	Test Duration:	45			
	Test Level:	75			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
		934113680			
	Pump Test Detail ID:				
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	50			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
		934397294			
	Pump Test Detail ID:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934915118			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		95			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934037117			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		91			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934037116			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		62			
Water Found Depth UOM:		ft			

WWIS	24	2 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1533995			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/26/2003
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	250703			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10543110			Elevation:	94.075775
DP2BR:	36			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	432850.2
Code OB Desc:	Bedrock			North83:	5004676
Open Hole:				Org CS:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Cluster Kind:				UTMRC:	9
Date Completed:	7/28/2003			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 932924776
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 36
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932924774
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932924775
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Formation ID:</i>		932924777			
<i>Layer:</i>		4			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		36			
<i>Formation End Depth:</i>		165			
<i>Formation End Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		933240884			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		30			
<i>Plug Depth UOM:</i>		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		933240885			
<i>Layer:</i>		2			
<i>Plug From:</i>		20			
<i>Plug To:</i>		43			
<i>Plug Depth UOM:</i>		ft			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		4			
<i>Method Construction:</i>		Rotary (Air)			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		11091680			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930098062			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>					
<i>Casing Diameter:</i>		6			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing ID:		930098061			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Results of Well Yield Testing

Pump Test ID:	991533995
Pump Set At:	
Static Level:	4
Final Level After Pumping:	60
Recommended Pump Depth:	100
Pumping Rate:	12
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934396733
Test Type:	Draw Down
Test Duration:	30
Test Level:	125
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934914557
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656693
Test Type:	Draw Down
Test Duration:	45
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934113119
Test Type:	Draw Down
Test Duration:	15
Test Level:	160
Test Level UOM:	ft

Water Details

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water ID:		934036869			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		65			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934036870			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		161			
Water Found Depth UOM:		ft			

WWIS	<u>24</u>	3 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1533026			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/13/2002
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	238231			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10529773			Elevation:	94.075775
DP2BR:	34			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	432850.2
Code OB Desc:	Bedrock			North83:	5004676
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	7/30/2002			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 932879952

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		34			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932879951			
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:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932879953			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		34			
Formation End Depth:		173			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933230105			
Layer:		1			
Plug From:		0			
Plug To:		44			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					

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

Pipe ID: 11078343
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930096054
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930096053
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533026
Pump Set At:
Static Level: 3
Final Level After Pumping: 100
Recommended Pump Depth: 100
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934911810
Test Type:
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118996

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:					
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934402193			
Test Type:					
Test Duration:		30			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934663130			
Test Type:					
Test Duration:		45			
Test Level:		100			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934022353			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		164			
Water Found Depth UOM:		ft			

WWIS	24	4 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1531198				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	1
Sec. Water Use:				Date Received:	7/17/2000
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	208607			Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	10052732			Elevation:	94.073989
DP2BR:	31			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	432850.7
Code OB Desc:	Bedrock			North83:	5004677
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Date Completed:	6/12/2000			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 931077807
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 31
Formation End Depth: 150
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931077806
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 31
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931077805
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: 8
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Plug ID:		933116372			
Layer:		1			
Plug From:		0			
Plug To:		35			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10601302			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930092190			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930092191			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991531198			
Pump Set At:					
Static Level:		-2			
Final Level After Pumping:		75			
Recommended Pump Depth:		100			
Pumping Rate:		9			
Flowing Rate:		5			
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934121160			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		145			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934665297			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		145			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934396571			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		145			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934913842			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		75			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933491561			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		141			
Water Found Depth UOM:		ft			

WWIS	<u>24</u>	5 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1531199			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/17/2000
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	208606			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052733
DP2BR: 28
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/13/2000
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 94.073989
Elevrc:
Zone: 18
East83: 432850.7
North83: 5004677
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock

Materials Interval

Formation ID: 931077810
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 28
Formation End Depth: 150
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931077808
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: 931077809
Layer: 2
Color: 2
General Color: GREY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		10			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933116373			
Layer:		1			
Plug From:		0			
Plug To:		32			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10601303			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930092193			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930092192			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991531199			
Pump Set At:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Static Level:		-1.5			
Final Level After Pumping:		50			
Recommended Pump Depth:		75			
Pumping Rate:		20			
Flowing Rate:		5			
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			

Draw Down & Recovery

Pump Test Detail ID: 934121161
Test Type: Draw Down
Test Duration: 15
Test Level: 145
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396572
Test Type: Draw Down
Test Duration: 30
Test Level: 145
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913843
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665298
Test Type: Draw Down
Test Duration: 45
Test Level: 75
Test Level UOM: ft

Water Details

Water ID: 933491562
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 139
Water Found Depth UOM: ft

WWIS	<u>24</u>	6 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1531744			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	3/13/2001

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	226599			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10053278	Elevation:	94.073989
DP2BR:	37	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432850.7
Code OB Desc:	Bedrock	North83:	5004677
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	2/6/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931079399
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931079400
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	12			
	Formation End Depth:	37			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931079401			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:	73			
	Other Materials:	HARD			
Mat3:					
Other Materials:					
	Formation Top Depth:	37			
	Formation End Depth:	182			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931079402			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	18			
	Most Common Material:	SANDSTONE			
	Mat2:	73			
	Other Materials:	HARD			
Mat3:					
Other Materials:					
	Formation Top Depth:	182			
	Formation End Depth:	275			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933116906			
	Layer:	1			
	Plug From:	0			
	Plug To:	43			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10601848			
	Casing No:	1			
	Comment:				
	Alt Name:				

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

Casing ID: 930093332
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930093333
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531744
Pump Set At:
Static Level:
Final Level After Pumping: 75
Recommended Pump Depth: 100
Pumping Rate: 40
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934398734
Test Type:
Test Duration: 30
Test Level: 270
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658697
Test Type:
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<hr/>					
Pump Test Detail ID:		934114562			
Test Type:					
Test Duration:		15			
Test Level:		270			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934916143			
Test Type:					
Test Duration:		60			
Test Level:		75			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933492332			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		130			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933492334			
Layer:		3			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		252			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933492333			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		238			
Water Found Depth UOM:		ft			
<hr/>					

WWIS	<u>24</u>	7 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1533692				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	1
Sec. Water Use:				Date Received:	5/7/2003
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	250610			Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
				UTM Reliability:	

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

Bore Hole Information

Bore Hole ID:	10537526	Elevation:	94.078369
DP2BR:	34	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432851
Code OB Desc:	Bedrock	North83:	5004677
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	7
Date Completed:	4/30/2003	UTMRC Desc:	margin of error : 1 km - 3 km
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932905515
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	34
Formation End Depth:	175
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932905513
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:	12
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932905514
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12			
Formation End Depth:		34			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933236230			
Layer:		1			
Plug From:		0			
Plug To:		44			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11086096			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930097445			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		175			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930097444			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		44			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991533692			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:		100			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		150			
		6			
		5			
		ft			
		GPM			
		2			
		CLOUDY			
		1			
		1			
		0			
		N			

Draw Down & Recovery

Pump Test Detail ID: 934121223
Test Type: Draw Down
Test Duration: 15
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665356
Test Type: Draw Down
Test Duration: 45
Test Level: 150
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913483
Test Type: Draw Down
Test Duration: 60
Test Level: 173
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934395659
Test Type: Draw Down
Test Duration: 30
Test Level: 125
Test Level UOM: ft

Water Details

Water ID: 934031018
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 158
Water Found Depth UOM: ft

WWIS

24

8 of 14

NNW/49.4

94.4 / -0.50

lot 22 con 4
ON

Well ID: 1533690
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply

Data Entry Status:
Data Src:
Date Received: 5/7/2003
Selected Flag: Yes
Abandonment Rec:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	250584			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10537524	Elevation:	94.078369
DP2BR:	35	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432851
Code OB Desc:	Bedrock	North83:	5004677
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	7
Date Completed:	3/14/2003	UTMRC Desc:	margin of error : 1 km - 3 km
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932905506
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:	13
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932905507
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		13			
		35			
		ft			
<u>Overburden and Bedrock Materials Interval</u>					
		932905508			
		3			
		2			
		GREY			
		15			
		LIMESTONE			
		35			
		165			
		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
		933236228			
		1			
		0			
		43			
		ft			
<u>Method of Construction & Well Use</u>					
		4			
		Rotary (Air)			
<u>Pipe Information</u>					
		11086094			
		1			
<u>Construction Record - Casing</u>					
		930097440			
		1			
		1			
		STEEL			
		43			
		6			
		inch			
		ft			
<u>Construction Record - Casing</u>					
		930097441			
		2			
		4			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		165			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991533690			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:		60			
Recommended Pump Depth:		100			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934121221			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934395657			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934665354			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		125			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934913481			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		160			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		934031016			
Layer:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		157			
Water Found Depth UOM:		ft			

WWIS	24	9 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:		1533691			
Construction Date:				Data Entry Status:	
Primary Water Use:		Domestic		Data Src:	1
Sec. Water Use:				Date Received:	5/7/2003
Final Well Status:		Water Supply		Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:		250608		Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	10537525	Elevation:	94.078369
DP2BR:	35	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432851
Code OB Desc:	Bedrock	North83:	5004677
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	7
Date Completed:	3/29/2003	UTMRC Desc:	margin of error : 1 km - 3 km
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932905510
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	12
Formation End Depth:	35
Formation End Depth UOM:	ft

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932905511			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		09			
Other Materials:		MEDIUM SAND			
Mat3:					
Other Materials:					
Formation Top Depth:		35			
Formation End Depth:		138			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932905509			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932905512			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		138			
Formation End Depth:		155			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933236229			
Layer:		1			
Plug From:		0			
Plug To:		43			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11086095			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930097443			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		155			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930097442			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		43			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991533691			
Pump Set At:					
Static Level:					
Final Level After Pumping:		70			
Recommended Pump Depth:		100			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934121222			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		90			
Test Level UOM:		ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934395658			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934665355			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934913482			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		150			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934031017			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		152			
Water Found Depth UOM:		ft			

WWIS	<u>24</u>	10 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1532221			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/17/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	230188			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	10516671			Elevation:	94.081291
DP2BR:	34			Elevrc:	
Spatial Status:				Zone:	18

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Code OB:	r			East83:	432851.2
Code OB Desc:	Bedrock			North83:	5004677
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	8/2/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 932832214
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 14
Formation End Depth: 34
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932832213
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5
Formation End Depth: 14
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932832212
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock Materials Interval</u>					
		932832215			
	Formation ID:	932832215			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	34			
	Formation End Depth:	150			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment Sealing Record</u>					
		933219673			
	Plug ID:	933219673			
	Layer:	1			
	Plug From:	0			
	Plug To:	39			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well Use</u>					
		4			
	Method Construction ID:	4			
	Method Construction Code:	Rotary (Air)			
	Method Construction:				
	Other Method Construction:				
<u>Pipe Information</u>					
		11065241			
	Pipe ID:	11065241			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
		930094354			
	Casing ID:	930094354			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:				
	Casing Diameter:	6			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Construction Record - Casing</u>					
		930094353			
	Casing ID:	930094353			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:				
	Casing Diameter:	6			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991532221			
<i>Pump Set At:</i>					
<i>Static Level:</i>		6			
<i>Final Level After Pumping:</i>		65			
<i>Recommended Pump Depth:</i>		100			
<i>Pumping Rate:</i>		12			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		5			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		N			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934116213			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		65			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934917235			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		145			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934399410			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		75			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934660349			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		125			
<i>Test Level UOM:</i>		ft			
<u>Water Details</u>					
<i>Water ID:</i>		934008347			
<i>Layer:</i>		1			
<i>Kind Code:</i>		5			
<i>Kind:</i>		Not stated			
<i>Water Found Depth:</i>		145			
<i>Water Found Depth UOM:</i>		ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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WWIS	24	11 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
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Well ID: 1534374
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 267048
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: 12/22/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 2
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 022
Concession: 04
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097424	Elevation: 94.081291
DP2BR: 40	Elevrc:
Spatial Status:	Zone: 18
Code OB: r	East83: 432851.2
Code OB Desc: Bedrock	North83: 5004677
Open Hole:	Org CS:
Cluster Kind:	UTMRC: 9
Date Completed: 11/6/2003	UTMRC Desc: unknown UTM
Remarks:	Location Method: lot
Elevrc Desc:	
Location Source Date:	
Improvement Location Source:	
Improvement Location Method:	
Source Revision Comment:	
Supplier Comment:	

Overburden and Bedrock

Materials Interval

Formation ID: 932942264
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: 35
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID: 932942265					
Layer: 3					
Color: 2					
General Color: GREY					
Mat1: 11					
Most Common Material: GRAVEL					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 35					
Formation End Depth: 40					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 932942266					
Layer: 4					
Color: 2					
General Color: GREY					
Mat1: 15					
Most Common Material: LIMESTONE					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 40					
Formation End Depth: 123					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 932942263					
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					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 933245196					
Layer: 1					
Plug From: 0					
Plug To: 47					
Plug Depth UOM: ft					
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code: 4					
Method Construction: Rotary (Air)					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Other Method Construction:

Pipe Information

Pipe ID: 11101139
 Casing No: 1
 Comment:
 Alt Name:

Construction Record - Casing

Casing ID: 930832222
 Layer: 2
 Material: 4
 Open Hole or Material: OPEN HOLE
 Depth From:
 Depth To: 123
 Casing Diameter: 5
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930832221
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From:
 Depth To: 47
 Casing Diameter: 6
 Casing Diameter UOM: inch
 Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991534374
 Pump Set At:
 Static Level: 2
 Final Level After Pumping: 60
 Recommended Pump Depth: 60
 Pumping Rate: 30
 Flowing Rate:
 Recommended Pump Rate: 5
 Levels UOM: ft
 Rate UOM: GPM
 Water State After Test Code: 2
 Water State After Test: CLOUDY
 Pumping Test Method: 1
 Pumping Duration HR: 1
 Pumping Duration MIN:
 Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934114247
 Test Type: Draw Down
 Test Duration: 15
 Test Level: 60
 Test Level UOM: ft

Draw Down & Recovery

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Pump Test Detail ID:		934397861			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934915685			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		120			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934658238			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		75			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934042636			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		89			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934042637			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		109			
Water Found Depth UOM:		ft			

<i>WWIS</i>	<i>24</i>	<i>12 of 14</i>	<i>NNW/49.4</i>	<i>94.4 / -0.50</i>	<i>lot 22 con 4 ON</i>
Well ID:		1532219			
Construction Date:				Data Entry Status:	
Primary Water Use:		Domestic		Data Src:	1
Sec. Water Use:				Date Received:	9/17/2001
Final Well Status:		Water Supply		Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:		230186		Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Bore Hole Information

Bore Hole ID:	10516669	Elevation:	94.081291
DP2BR:	34	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432851.2
Code OB Desc:	Bedrock	North83:	5004677
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/2/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932832206
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	4
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932832207
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	12
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	932832205
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:					
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832208			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		34			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933219671			
Layer:		1			
Plug From:		0			
Plug To:		39			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065239			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094349			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing ID:		930094350			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Results of Well Yield Testing

Pump Test ID:	991532219
Pump Set At:	
Static Level:	12
Final Level After Pumping:	20
Recommended Pump Depth:	30
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	5
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934116211
Test Type:	Draw Down
Test Duration:	15
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934917233
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934660347
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934399408
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Water Details

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water ID:		934008345			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		65			
Water Found Depth UOM:		ft			

WWIS	24	13 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1532220			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/17/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	230187			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10516670			Elevation:	94.081291
DP2BR:	37			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	432851.2
Code OB Desc:	Bedrock			North83:	5004677
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	8/2/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock Materials Interval

Formation ID:	932832210
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	5

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		37			
		ft			
<u>Overburden and Bedrock Materials Interval</u>					
		932832211			
		3			
		2			
		GREY			
		15			
		LIMESTONE			
		37			
		150			
		ft			
<u>Overburden and Bedrock Materials Interval</u>					
		932832209			
		1			
		6			
		BROWN			
		02			
		TOPSOIL			
		12			
		STONES			
		01			
		FILL			
		0			
		5			
		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
		933219672			
		1			
		0			
		43			
		ft			
<u>Method of Construction & Well Use</u>					
		4			
		Rotary (Air)			
<u>Pipe Information</u>					
		11065240			
		1			
<u>Construction Record - Casing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		930094352			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094351			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991532220			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		75			
Recommended Pump Depth:		125			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116212			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399409			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917234			
Test Type:		Draw Down			
Test Duration:		60			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level:		148			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660348			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		125			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008346			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		143			
Water Found Depth UOM:		ft			

WWIS	24	14 of 14	NNW/49.4	94.4 / -0.50	lot 22 con 4 ON
Well ID:		1532692			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:					
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:		238097			
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:					4/17/2002
Selected Flag:					Yes
Abandonment Rec:					
Contractor:					1558
Form Version:					1
Owner:					
Street Name:					
County:					OTTAWA-CARLETON
Municipality:					GOULBOURN TOWNSHIP
Site Info:					
Lot:					022
Concession:					04
Concession Name:					CON
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	10523820	Elevation:	94.081291
DP2BR:	33	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432851.2
Code OB Desc:	Bedrock	North83:	5004677
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	3/11/2002	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	932857469			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	33			
	Formation End Depth:	75			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932857468			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:	86			
	Other Materials:	STICKY			
	Formation Top Depth:	12			
	Formation End Depth:	33			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932857467			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	79			
	Other Materials:	PACKED			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	0			
	Formation End Depth:	12			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933225341			
	Layer:	1			
	Plug From:	0			
	Plug To:	30			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11072390			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930095385			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930095386			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991532692			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		25			
Recommended Pump Depth:		40			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934662011			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934117876			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934918895			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934400514			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934016353			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		55			
Water Found Depth UOM:		ft			

WWIS	26	1 of 1	NE/50.5	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:		7121462			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:					
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:		Z095339			
Tag:		A068286			
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1002038791			
DP2BR:					
Spatial Status:					
Code OB:					
Data Entry Status:					
Data Src:					
Date Received:					4/6/2009
Selected Flag:					Yes
Abandonment Rec:					
Contractor:					1558
Form Version:					7
Owner:					
Street Name:					RICHMOND OAKS LOT 43
County:					OTTAWA-CARLETON
Municipality:					GOULBOURN TOWNSHIP
Site Info:					
Lot:					023
Concession:					04
Concession Name:					CON
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Elevation:					94.821434
Elevrc:					
Zone:					18
East83:					433353

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Code OB Desc:</i>				<i>North83:</i>	5004638
<i>Open Hole:</i>				<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	3
<i>Date Completed:</i>	3/4/2009			<i>UTMRC Desc:</i>	margin of error : 10 - 30 m
<i>Remarks:</i>				<i>Location Method:</i>	wwr
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					

Overburden and Bedrock

Materials Interval

Formation ID: 1002521218
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 12
Other Materials: STONES
Mat3: 01
Other Materials: FILL
Formation Top Depth: 0
Formation End Depth: 1.82
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1002521221
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 10.36
Formation End Depth: 48.76
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1002521219
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 1.82
Formation End Depth: 4.26
Formation End Depth UOM: m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1002521220			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:	86			
	Other Materials:	STICKY			
	Formation Top Depth:	4.26			
	Formation End Depth:	10.36			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1002521224			
	Layer:	1			
	Plug From:	0			
	Plug To:	13.1			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:	ROTARY AIR			
<u>Pipe Information</u>					
	Pipe ID:	1002521216			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1002521226			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1002521227			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002521217			
Pump Set At:		30.47			
Static Level:					
Final Level After Pumping:		17.21			
Recommended Pump Depth:		30.47			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521237			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		7.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521239			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		2.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521244			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		15.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521232			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521234			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.02			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521235			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		9.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521241			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521242			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		12.14			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521233			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		10.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521228			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521236			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521245			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521229			
Test Type:		Recovery			
Test Duration:		1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		14.67			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002521243			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		13.2			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002521246			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		17.21			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002521230			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3.55			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002521231			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		12			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002521238			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		8.7			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002521240			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		10.67			
<i>Test Level UOM:</i>		m			
 <u>Water Details</u>					
<i>Water ID:</i>		1002521225			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		46.93			
<i>Water Found Depth UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Hole Diameter</u>					
Hole ID:		1002521222			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002521223			
Diameter:		15.39			
Depth From:		13.1			
Depth To:		48.76			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>27</u>	1 of 1	NNE/51.1	94.9 / 0.00	RICHMOND ON
Well ID:	7270160			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/29/2016
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z226793			Owner:	
Tag:	A165114			Street Name:	RICHMOND OAKS LOT 18
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006227285			Elevation:	94.890487
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433140
Code OB Desc:				North83:	5004891
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	5/25/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID:		1006256920			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		11.88			
Formation End Depth:		45.41			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006256918			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1006256919			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		11.88			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1006256955			
Layer:		1			
Plug From:		14.02			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Method Construction:		ROTARY MUD			
<u>Pipe Information</u>					
Pipe ID:		1006256916			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006256924			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		14.02			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1006256925			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		14.02			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006256926			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1006256917			
Pump Set At:		15.23			
Static Level:		0.45			
Final Level After Pumping:		2.05			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256938			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256950			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256929			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256949			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256951			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256952			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256927			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256939			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		2.05			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256946			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.45			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256928			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.73			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256935			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.02			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256936			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.45			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256930			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.84			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256937			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		2.05			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256944			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.45			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
		1006256947			
		Pump Test Detail ID:	1006256947		
		Test Type:	Draw Down		
		Test Duration:	40		
		Test Level:	2.05		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256932			
		Pump Test Detail ID:	1006256932		
		Test Type:	Recovery		
		Test Duration:	3		
		Test Level:	0.44		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256933			
		Pump Test Detail ID:	1006256933		
		Test Type:	Draw Down		
		Test Duration:	4		
		Test Level:	1.99		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256940			
		Pump Test Detail ID:	1006256940		
		Test Type:	Recovery		
		Test Duration:	15		
		Test Level:	0.45		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256941			
		Pump Test Detail ID:	1006256941		
		Test Type:	Draw Down		
		Test Duration:	20		
		Test Level:	2.05		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256948			
		Pump Test Detail ID:	1006256948		
		Test Type:	Recovery		
		Test Duration:	40		
		Test Level:	0.45		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256931			
		Pump Test Detail ID:	1006256931		
		Test Type:	Draw Down		
		Test Duration:	3		
		Test Level:	1.91		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1006256934			
		Pump Test Detail ID:	1006256934		
		Test Type:	Recovery		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration: 4					
Test Level: 0.45					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256942					
Test Type: Recovery					
Test Duration: 20					
Test Level: 0.45					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256943					
Test Type: Draw Down					
Test Duration: 25					
Test Level: 2.06					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256945					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 2.05					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 1006256923					
Layer: 1					
Kind Code: 8					
Kind: Untested					
Water Found Depth: 44.8					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1006256922					
Diameter: 15.23					
Depth From: 14.02					
Depth To: 45.41					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1006256921					
Diameter: 15.86					
Depth From: 0					
Depth To: 14.02					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS

28

1 of 3

NNW/51.2

94.4 / -0.50

lot 22 con 4
ON

Well ID: 1524246
Construction Date:
Primary Water Use: Domestic

Data Entry Status:
Data Src: 1
Date Received: 1/16/1990

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Test Hole			Abandonment Rec:	
Water Type:				Contractor:	5222
Casing Material:				Form Version:	1
Audit No:	59184			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10046018	Elevation:	94.139266
DP2BR:	34	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432853.7
Code OB Desc:	Bedrock	North83:	5004676
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	7/22/1989	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931057301
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	34
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID:	931057299
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	79
Other Materials:	PACKED

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	1			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931057302			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:	15			
	Other Materials:	LIMESTONE			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	34			
	Formation End Depth:	50			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931057300			
	Layer:	2			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	79			
	Other Materials:	PACKED			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	1			
	Formation End Depth:	14			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933110621			
	Layer:	1			
	Plug From:	0			
	Plug To:	35			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10594588			
	Casing No:	1			
	Comment:				
	Alt Name:				

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

Casing ID: 930080586
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930080585
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 37
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524246
Pump Set At:
Static Level: 10
Final Level After Pumping: 20
Recommended Pump Depth: 25
Pumping Rate: 25
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934107827
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392475
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 934653026					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 20					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934910644					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 20					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933482821					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 39					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933482822					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 45					
Water Found Depth UOM: ft					

WWIS	28	2 of 3	NNW/51.2	94.4 / -0.50	lot 22 con 4 ON
Well ID:	1521298				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	1
Sec. Water Use:				Date Received:	4/14/1987
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	04577			Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	10043120	Elevation:	94.139266
DP2BR:	29	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432853.7
Code OB Desc:	Bedrock	North83:	5004676

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	3/26/1987			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 931047490
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 11
Formation End Depth: 29
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931047489
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931047491
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 180
Formation End Depth UOM: ft

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	931047492			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	18			
	Most Common Material:	SANDSTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	180			
	Formation End Depth:	238			
	Formation End Depth UOM:	ft			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10591690			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930075287			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:	238			
	Casing Diameter:	8			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Construction Record - Casing</u>					
	Casing ID:	930075286			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:	36			
	Casing Diameter:	8			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Water Details</u>					
	Water ID:	933478797			
	Layer:	3			
	Kind Code:	1			
	Kind:	FRESH			
	Water Found Depth:	223			
	Water Found Depth UOM:	ft			

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

Water ID: 933478796
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 160
Water Found Depth UOM: ft

Water Details

Water ID: 933478795
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

WWIS	<u>28</u>	3 of 3	NNW/51.2	94.4 / -0.50	lot 22 con 4 ON
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Well ID: 1530888 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 208449 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: 12/7/1999 Selected Flag: Yes Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: GOULBOURN TOWNSHIP Site Info: Lot: 022 Concession: 04 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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Bore Hole Information

Bore Hole ID: 10052422 DP2BR: 29 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 9/3/1999 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 94.139266 Elevrc: Zone: 18 East83: 432853.7 North83: 5004676 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: lot
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**Overburden and Bedrock
Materials Interval**

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		931076871			
		1			
		6			
		BROWN			
		05			
		CLAY			
		79			
		PACKED			
		0			
		8			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		931076873			
		3			
		2			
		GREY			
		15			
		LIMESTONE			
		73			
		HARD			
		29			
		162			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		931076874			
		4			
		2			
		GREY			
		18			
		SANDSTONE			
		162			
		226			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		931076872			
		2			
		2			
		GREY			
		05			
		CLAY			
		77			
		LOOSE			
		8			
		29			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933116061			
Layer:		1			
Plug From:		0			
Plug To:		26			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933116062			
Layer:		2			
Plug From:		26			
Plug To:		39			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10600992			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930091540			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		41			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930091541			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		226			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test ID:</i>		991530888			
<i>Pump Set At:</i>					
<i>Static Level:</i>		-1			
<i>Final Level After Pumping:</i>		200			
<i>Recommended Pump Depth:</i>		100			
<i>Pumping Rate:</i>		75			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		30			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		Y			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934386241			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		-1			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934663641			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		-1			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934903793			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		-1			
<i>Test Level UOM:</i>		ft			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934119503			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		-1			
<i>Test Level UOM:</i>		ft			
 <u>Water Details</u>					
<i>Water ID:</i>		933491172			
<i>Layer:</i>		1			
<i>Kind Code:</i>		5			
<i>Kind:</i>		Not stated			
<i>Water Found Depth:</i>		205			
<i>Water Found Depth UOM:</i>		ft			
 <u>Water Details</u>					
<i>Water ID:</i>		933491173			
<i>Layer:</i>		2			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		225			
Water Found Depth UOM:		ft			

WWIS	29	1 of 1	NNE/51.7	94.9 / 0.00	RICHMOND ON
Well ID:	7270136				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z188434				
Tag:	A165136				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	8/29/2016				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	RICHMOND OAKS LOT 16				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1006227546				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	11/23/2015				
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation:				95.071128	
Elevrc:					
Zone:				18	
East83:				433167	
North83:				5004860	
Org CS:				UTM83	
UTMRC:				4	
UTMRC Desc:				margin of error : 30 m - 100 m	
Location Method:				wwr	

Overburden and Bedrock

Materials Interval

Formation ID:	1006256247
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.96
Formation End Depth UOM:	m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256250			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		10.97			
Formation End Depth:		53.33			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256248			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		9.14			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256249			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Other Materials:		GRAVEL			
Mat3:		91			
Other Materials:		WATER-BEARING			
Formation Top Depth:		9.14			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006256285			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY MUD			
 <u>Pipe Information</u>					
Pipe ID:		1006256245			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006256255			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Casing</u>					
Casing ID:		1006256254			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1006256256			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1006256246			
Pump Set At:		9.14			
Static Level:					
Final Level After Pumping:		1.43			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		4.55			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256274					
Test Type: Recovery					
Test Duration: 25					
Test Level: 0.2					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256278					
Test Type: Recovery					
Test Duration: 40					
Test Level: 0.2					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256280					
Test Type: Recovery					
Test Duration: 50					
Test Level: 0.2					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256281					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 1.43					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256261					
Test Type: Draw Down					
Test Duration: 3					
Test Level: 1.32					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256263					
Test Type: Draw Down					
Test Duration: 4					
Test Level: 1.34					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1006256264					
Test Type: Recovery					
Test Duration: 4					
Test Level: 0.2					
Test Level UOM: m					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256265			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	1.35			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256266			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	0.2			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256273			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	1.41			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256275			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	1.41			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256257			
	Test Type:	Draw Down			
	Test Duration:	1			
	Test Level:	1.02			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256260			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	0.23			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256277			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	1.42			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256259			
	Test Type:	Draw Down			
	Test Duration:	2			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		1.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256258			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256267			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		13.8			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256268			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.2			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256271			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		1.4			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256282			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.2			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256262			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.22			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256269			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		13.9			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Pump Test Detail ID:</u> 1006256276					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 30					
<u>Test Level:</u> 0.2					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 1006256270					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 15					
<u>Test Level:</u> 0.2					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 1006256272					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 20					
<u>Test Level:</u> 0.2					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 1006256279					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 50					
<u>Test Level:</u> 1.43					
<u>Test Level UOM:</u> m					
<u>Water Details</u>					
<u>Water ID:</u> 1006256253					
<u>Layer:</u> 1					
<u>Kind Code:</u> 8					
<u>Kind:</u> Untested					
<u>Water Found Depth:</u> 48.76					
<u>Water Found Depth UOM:</u> m					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 1006256251					
<u>Diameter:</u> 15.86					
<u>Depth From:</u> 0					
<u>Depth To:</u> 13.1					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 1006256252					
<u>Diameter:</u> 15.07					
<u>Depth From:</u> 13.1					
<u>Depth To:</u> 53.33					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Well ID:		7270149			
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	
Sec. Water Use:				Date Received:	8/29/2016
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z226782			Form Version:	7
Tag:	A165118			Owner:	
Construction Method:				Street Name:	6265 PERTH STREET
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	
Overburden/Bedrock:				Concession:	
Pump Rate:				Concession Name:	
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	1006227252	Elevation:	94.745132
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433520
Code OB Desc:		North83:	5004412
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/3/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006256674
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.65
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006256676
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		7.61			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256675			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.65			
Formation End Depth:		7.61			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006256704			
Layer:		1			
Plug From:		10.36			
Plug To:		0			
Plug Depth UOM:		m			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		2			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
 <u>Pipe Information</u>					
Pipe ID:		1006256672			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1006256681			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		10.36			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Construction Record - Casing</u>					
	Casing ID:	1006256680			
	Layer:	1			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	0			
	Depth To:	10.36			
	Casing Diameter:	27.13			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1006256682			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:				
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	1006256673			
	Pump Set At:	30.09			
	Static Level:				
	Final Level After Pumping:	14.41			
	Recommended Pump Depth:	30.47			
	Pumping Rate:	54.6			
	Flowing Rate:	36.4			
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	0			
	Pumping Duration HR:	8			
	Pumping Duration MIN:				
	Flowing:	Y			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256691			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	4.58			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256687			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	4.3			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256690			
	Test Type:	Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		5			
Test Level:		6.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256697			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		1.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256689			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		6.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256700			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		13.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256696			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		11.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256698			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		12.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256692			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		8.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256695			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		1.96			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256701			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	13.69			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256683			
	Test Type:	Draw Down			
	Test Duration:	1			
	Test Level:	1.91			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256685			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	2.96			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256686			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	9.41			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256699			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	12.68			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256684			
	Test Type:	Recovery			
	Test Duration:	1			
	Test Level:	11.54			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256693			
	Test Type:	Recovery			
	Test Duration:	10			
	Test Level:	3.12			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006256694			
	Test Type:	Draw Down			
	Test Duration:	15			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level:		10.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256688			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		7.54			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1006256679			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006256677			
Diameter:		15.86			
Depth From:		0			
Depth To:		10.36			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1006256678			
Diameter:		15.55			
Depth From:		10.36			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>31</u>	1 of 1	NE/63.4	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:		7102146			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:					
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:		Z77313			
Tag:		A051503			
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:					2/26/2008
Selected Flag:					Yes
Abandonment Rec:					
Contractor:					1558
Form Version:					4
Owner:					
Street Name:					LOT 47, RICHMOND OAKS
County:					OTTAWA-CARLETON
Municipality:					GOULBOURN TOWNSHIP
Site Info:					
Lot:					022
Concession:					04
Concession Name:					CON
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Bore Hole Information</u>					
Bore Hole ID:		1001516055		Elevation:	94.847442
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433375
Code OB Desc:				North83:	5004632
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:		2/5/2008		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1001546967
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.97
Formation End Depth: 48.76
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1001546965
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.65
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1001546966
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 77

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Other Materials:		LOOSE			
Formation Top Depth:		3.65			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001546969			
Layer:		1			
Plug From:		12.8			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001546963			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001546971			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		12.8			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001546972			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001546964			
Pump Set At:		15.23			
Static Level:		0.7			
Final Level After Pumping:		0.79			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		27.3			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Recommended Pump Rate: 45.5					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 4					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: N					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546974					
Test Type: Draw Down					
Test Duration: 2					
Test Level: 0.67					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546976					
Test Type: Draw Down					
Test Duration: 4					
Test Level: 0.72					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546982					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 0.77					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546983					
Test Type: Draw Down					
Test Duration: 40					
Test Level: 0.77					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546984					
Test Type: Draw Down					
Test Duration: 50					
Test Level: 0.77					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546981					
Test Type: Draw Down					
Test Duration: 25					
Test Level: 0.76					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001546977					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.73			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001546979			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.75			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001546980			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001546985			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.79			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001546978			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.73			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001546973			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.57			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001546975			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.69			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		1001546970			
<i>Layer:</i>		1			
<i>Kind Code:</i>		5			
<i>Kind:</i>		Not stated			
<i>Water Found Depth:</i>		45.1			
<i>Water Found Depth UOM:</i>		m			

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

Hole ID: 1001546968
 Diameter: 15.23
 Depth From:
 Depth To: 48.76
 Hole Depth UOM: m
 Hole Diameter UOM: cm

WWIS	33	1 of 1	NNE/69.1	94.9 / 0.00	RICHMOND ON
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<p>Well ID: 7251022 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z188492 Tag: A165046 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:</p>	<p>Data Entry Status: Data Src: Date Received: 10/26/2015 Selected Flag: Yes Abandonment Rec: Contractor: 1558 Form Version: 7 Owner: Street Name: LOT 19 RICHMOND OAKS BALD EAGLE County: OTTAWA-CARLETON Municipality: GOULBOURN TOWNSHIP Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:</p>
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Bore Hole Information

<p>Bore Hole ID: 1005768597 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 6/15/2015 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:</p>	<p>Elevation: 94.576988 Elevrc: Zone: 18 East83: 433150 North83: 5004907 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr</p>
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**Overburden and Bedrock
Materials Interval**

Formation ID: 1005792030
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	3.96			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1005792032			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	28			
	Most Common Material:	SAND			
	Mat2:	11			
	Other Materials:	GRAVEL			
	Mat3:	77			
	Other Materials:	LOOSE			
	Formation Top Depth:	9.14			
	Formation End Depth:	10.97			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1005792031			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	86			
	Other Materials:	STICKY			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	3.96			
	Formation End Depth:	9.14			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1005792033			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:	73			
	Other Materials:	HARD			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	10.97			
	Formation End Depth:	48.76			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1005792068			
	Layer:	1			
	Plug From:	13.1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005792028			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005792038			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1005792037			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.31			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005792039			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1005792029			
Pump Set At:		15.23			
Static Level:		0			
Final Level After Pumping:		2.57			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Flowing Rate:					
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	0			
	Pumping Duration HR:	1			
	Pumping Duration MIN:				
	Flowing:	N			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005792043			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	1.1			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005792040			
	Test Type:	Draw Down			
	Test Duration:	1			
	Test Level:	1.23			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005792045			
	Test Type:	Recovery			
	Test Duration:	3			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005792046			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	2.2			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005792047			
	Test Type:	Recovery			
	Test Duration:	4			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005792048			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	2.39			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005792062			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792057			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792053			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792054			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792056			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792061			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792042			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.92			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792044			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792050			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792064			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792049			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792052			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792058			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792065			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792041			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792060			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792063			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792051			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792055			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005792059			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005792036			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		45.71			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005792034			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005792035			
Diameter:		15.55			
Depth From:		13.1			
Depth To:		48.76			

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

WWIS	34	1 of 1	ENE/69.4	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7053612			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	12/10/2007
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z60370			Owner:	
Tag:	A065638			Street Name:	LOT 52, RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	23053612			Elevation:	94.7639
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433425
Code OB Desc:				North83:	5004582
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	11/4/2007			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	1001509399
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	3.65
Formation End Depth:	10.05
Formation End Depth UOM:	m

Overburden and Bedrock

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Materials Interval</u>					
Formation ID:		1001509400			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10.05			
Formation End Depth:		47.24			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001509398			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001509402			
Layer:		1			
Plug From:		11.88			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1001509396			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001509404			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Depth From:					
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001509405			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001509397			
Pump Set At:		42.66			
Static Level:		0			
Final Level After Pumping:		15.23			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:					
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509414			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509416			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		9.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509406			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1001509424			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		13.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509427			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509409			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		9.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509422			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		12.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509426			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		14.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509415			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509418			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509420			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		11.9			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509425			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		14.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509408			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509407			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		11.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509411			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		7.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509413			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		5.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509417			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001509421			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 1001509410					
Test Type: Draw Down					
Test Duration: 3					
Test Level: 4.73					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001509412					
Test Type: Draw Down					
Test Duration: 4					
Test Level: 5.63					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001509419					
Test Type: Recovery					
Test Duration: 15					
Test Level: 0.33					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1001509423					
Test Type: Recovery					
Test Duration: 25					
Test Level: 0.26					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 1001509403					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 45.1					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1001509401					
Diameter: 15.55					
Depth From:					
Depth To: 47.24					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS

35

1 of 1

NE/69.7

94.9 / 0.00

lot 23 con 4
RICHMOND ON

Well ID: 7105849
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z77341
Tag: A051531
Construction Method:
Elevation (m):

Data Entry Status:
Data Src:
Date Received: 6/2/2008
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 4
Owner:
Street Name: RICHMOND OAKS LOT 48
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot: 023		
Well Depth:			Concession: 04		
Overburden/Bedrock:			Concession Name: CON		
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:	1001605336	Elevation:	94.808921
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433379
Code OB Desc:		North83:	5004637
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	4/28/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1001683180
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	81
Other Materials:	SANDY
Mat3:	12
Other Materials:	STONES
Formation Top Depth:	0
Formation End Depth:	2.43
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1001683183
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	28
Other Materials:	SAND
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	11.27
Formation End Depth:	47.24
Formation End Depth UOM:	m

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	1001683182			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:	86			
	Other Materials:	STICKY			
	Formation Top Depth:	4.87			
	Formation End Depth:	11.27			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1001683181			
	Layer:	2			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	79			
	Other Materials:	PACKED			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	2.43			
	Formation End Depth:	4.87			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1001683185			
	Layer:	1			
	Plug From:	13.1			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:	ROTARY AIR			
<u>Pipe Information</u>					
	Pipe ID:	1001683178			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1001683187			
	Layer:				
	Material:	1			
	Open Hole or Material:	STEEL			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Depth From:					
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1001683188			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1001683179			
Pump Set At:		16.76			
Static Level:		0			
Final Level After Pumping:		16.51			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		9.1			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		2			
Pumping Duration MIN:					
Flowing:		Y			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683192			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		9.93			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683194			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		7.52			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683203			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		15.98			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test Detail ID:</i>		1001683197			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		7.93			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683199			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		11.49			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683205			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		16.01			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683193			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		5.62			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683196			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		5.83			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683202			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		14.22			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683204			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		15.62			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1001683207			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		16.33			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683191			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683195			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683201			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		13.43			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683190			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		12.92			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683198			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683206			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683189			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1001683200			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.1			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001683186			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		45.1			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001683184			
Diameter:		15.23			
Depth From:					
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>36</u>	1 of 1	NE/69.7	94.9 / 0.00	RICHMOND ON
Well ID:	7299410			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	11/17/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256745			Owner:	
Tag:	A200017			Street Name:	LOT 7 BALD EAGLE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006803960	Elevation:	94.899993
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433281
Code OB Desc:		North83:	5004753
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	8/11/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007038527
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2:
 Other Materials:
 Mat3:
 Other Materials:
 Formation Top Depth: 11.27
 Formation End Depth: 45.41
 Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007038526
 Layer: 2
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2: 12
 Other Materials: STONES
 Mat3:
 Other Materials:
 Formation Top Depth: 3.96
 Formation End Depth: 11.27
 Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1007038525
 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: 3.96
 Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1007038562
 Layer: 1
 Plug From: 13.1
 Plug To: 0
 Plug Depth UOM: m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007038523			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007038532			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1007038531			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007038533			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007038524			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		0.54			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		68.25			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 0					
Pumping Duration HR: 1					
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038547					
Test Type: Recovery					
Test Duration: 15					
Test Level: 0					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038534					
Test Type: Draw Down					
Test Duration: 1					
Test Level: 0.31					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038544					
Test Type: Draw Down					
Test Duration: 10					
Test Level: 0.49					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038554					
Test Type: Draw Down					
Test Duration: 40					
Test Level: 0.54					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038537					
Test Type: Recovery					
Test Duration: 2					
Test Level: 0					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038540					
Test Type: Draw Down					
Test Duration: 4					
Test Level: 0.46					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007038545					
Test Type: Recovery					
Test Duration: 10					
Test Level: 0					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038551			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038556			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038538			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038541			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038542			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038559			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038543			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1007038546			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038548			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038549			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038553			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038535			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038536			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038550			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038552			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.54			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038555			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038557			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038558			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007038539			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1007038530			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007038528			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007038529			
Diameter:		15.23			
Depth From:		45.41			
Depth To:		45.4			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
WWIS	37	1 of 1	NE/70.5	94.9 / 0.00	lot 22 con 4 RICHMOND ON

Well ID:	7145671	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	5/28/2010
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	7
Audit No:	Z101786	Owner:	
Tag:	A082870	Street Name:	LOT 42 MIRA COURT
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	04
Overburden/Bedrock:		Concession Name:	CON
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:	1002986838	Elevation:	94.792808
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433364
Code OB Desc:		North83:	5004656
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	1/28/2010	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003059622
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	4.26
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003059623
Layer:	2

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		4.26			
Formation End Depth:		7.61			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003059624			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		7.61			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003059625			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		10.97			
Formation End Depth:		45.41			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003059628			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		3			
Method Construction:		Rotary (Reverse)			
Other Method Construction:		AIR/ AIR PERCUSSION			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Pipe Information</u>					
		Pipe ID:	1003059620		
		Casing No:	0		
		Comment:			
		Alt Name:			
<u>Construction Record - Casing</u>					
		Casing ID:	1003059630		
		Layer:	1		
		Material:	1		
		Open Hole or Material:	STEEL		
		Depth From:	-0.45		
		Depth To:	13.1		
		Casing Diameter:	15.86		
		Casing Diameter UOM:	cm		
		Casing Depth UOM:	m		
<u>Construction Record - Screen</u>					
		Screen ID:	1003059631		
		Layer:			
		Slot:			
		Screen Top Depth:			
		Screen End Depth:			
		Screen Material:			
		Screen Depth UOM:	m		
		Screen Diameter UOM:	cm		
		Screen Diameter:			
<u>Results of Well Yield Testing</u>					
		Pump Test ID:	1003059621		
		Pump Set At:	16.76		
		Static Level:	0.5		
		Final Level After Pumping:	0.76		
		Recommended Pump Depth:			
		Pumping Rate:	54.6		
		Flowing Rate:			
		Recommended Pump Rate:	45.5		
		Levels UOM:	m		
		Rate UOM:	LPM		
		Water State After Test Code:	1		
		Water State After Test:	CLEAR		
		Pumping Test Method:	0		
		Pumping Duration HR:	1		
		Pumping Duration MIN:	0		
		Flowing:			
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1003059635		
		Test Type:	Draw Down		
		Test Duration:	3		
		Test Level:	0.76		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1003059636		
		Test Type:	Draw Down		
		Test Duration:	4		

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059634			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.75			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059638			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059633			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.5			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059641			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.75			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059642			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059644			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0.75			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059639			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test Detail ID:</i>		1003059640			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059645			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059632			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.78			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059637			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1003059643			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.76			
<i>Test Level UOM:</i>		m			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1003059629			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		44.8			
<i>Water Found Depth UOM:</i>		m			
 <i><u>Hole Diameter</u></i>					
<i>Hole ID:</i>		1003059626			
<i>Diameter:</i>		15.86			
<i>Depth From:</i>		0			
<i>Depth To:</i>		13.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
 <i><u>Hole Diameter</u></i>					
<i>Hole ID:</i>		1003059627			
<i>Diameter:</i>		15.07			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth From:		13.1			
Depth To:		45.41			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	38	1 of 1	NNE/74.8	94.9 / 0.00	RICHMOND ON
Well ID:	7299421				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z256739				
Tag:	A200027				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	11/17/2017				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	87 BALD EAGLE CRESCENT				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1006804146				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	7/17/2017				
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation:				94.994354	
Elevrc:					
Zone:				18	
East83:				433171	
North83:				5004891	
Org CS:				UTM83	
UTMRC:				4	
UTMRC Desc:				margin of error : 30 m - 100 m	
Location Method:				wwr	

Overburden and Bedrock

Materials Interval

Formation ID:	1007040449
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3.96
Formation End Depth UOM:	m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1007040450			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	3.96			
	Formation End Depth:	11.88			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1007040451			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:	18			
	Other Materials:	SANDSTONE			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	11.88			
	Formation End Depth:	53.33			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1007040477			
	Layer:	1			
	Plug From:	14.93			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	2			
	Method Construction:	Rotary (Convent.)			
	Other Method Construction:	AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1007040447			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1007040456			
	Layer:	1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>		0			
<i>Depth To:</i>		14.93			
<i>Casing Diameter:</i>		27.13			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1007040457			
<i>Layer:</i>		2			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		14.93			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1007040458			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1007040448			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>		11.1			
<i>Recommended Pump Depth:</i>		18.28			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1007040460			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		8.74			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1007040471			
<i>Test Type:</i>		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		25			
Test Level:		10.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040459			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040462			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		6.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040463			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040461			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040473			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		10.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040468			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040474			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		11.1			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040464			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		5.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040465			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040466			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040467			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040469			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040470			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		9.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040472			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10.58			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1007040455			
Layer:		2			
Kind Code:		8			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Kind:		Untested			
Water Found Depth:		50.59			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1007040454			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		45.71			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007040453			
Diameter:		15.23			
Depth From:		14.93			
Depth To:		53.33			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007040452			
Diameter:		15.86			
Depth From:		0			
Depth To:		14.93			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	39	1 of 1	ENE/81.9	94.9 / 0.00	RICHMOND ON
Well ID:	7115732				Data Entry Status:
Construction Date:					Data Src:
Primary Water Use:	Domestic				Date Received: 12/2/2008
Sec. Water Use:					Selected Flag: Yes
Final Well Status:	Water Supply				Abandonment Rec:
Water Type:					Contractor: 1558
Casing Material:					Form Version: 7
Audit No:	Z84438				Owner:
Tag:	A068307				Street Name: RICHMOND OAKS LOT 31
Construction Method:					County: OTTAWA-CARLETON
Elevation (m):					Municipality: GOULBOURN TOWNSHIP
Elevation Reliability:					Site Info:
Depth to Bedrock:					Lot:
Well Depth:					Concession:
Overburden/Bedrock:					Concession Name:
Pump Rate:					Easting NAD83:
Static Water Level:					Northing NAD83:
Flowing (Y/N):					Zone:
Flow Rate:					UTM Reliability:
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1001904957				Elevation: 94.530624
DP2BR:					Elevrc:
Spatial Status:					Zone: 18
Code OB:					East83: 433449
Code OB Desc:					North83: 5004573
Open Hole:					Org CS: UTM83

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Cluster Kind:				UTMRC:	3
Date Completed:	11/4/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1002443804
Layer: 3
Color: 2
General Color: GREY
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 13
Other Materials: BOULDERS
Mat3: 81
Other Materials: SANDY
Formation Top Depth: 8.83
Formation End Depth: 10.36
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1002443802
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 4.26
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1002443803
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4.26
Formation End Depth: 8.83
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID: 1002443805					
Layer: 4					
Color: 2					
General Color: GREY					
Mat1: 15					
Most Common Material: LIMESTONE					
Mat2:					
Other Materials:					
Mat3: 74					
Other Materials: LAYERED					
Formation Top Depth: 10.36					
Formation End Depth: 45.1					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1002443808					
Layer: 1					
Plug From: 0					
Plug To: 13.1					
Plug Depth UOM: m					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code: 4					
Method Construction: Rotary (Air)					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 1002443800					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1002443810					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From: -0.45					
Depth To: 13.1					
Casing Diameter: 15.86					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1002443811					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Results of Well Yield Testing

Pump Test ID: 1002443801
Pump Set At: 30.47
Static Level: -0.6
Final Level After Pumping: 23.9
Recommended Pump Depth: 30.47
Pumping Rate: 36.4
Flowing Rate: 9.1
Recommended Pump Rate: 36.4
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: Y

Draw Down & Recovery

Pump Test Detail ID: 1002443813
Test Type: Recovery
Test Duration: 1
Test Level: 20.44
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002443830
Test Type: Draw Down
Test Duration: 40
Test Level: 22.15
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002443814
Test Type: Draw Down
Test Duration: 2
Test Level: 4.61
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002443821
Test Type: Recovery
Test Duration: 5
Test Level: 13.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002443823
Test Type: Recovery
Test Duration: 10
Test Level: 7.82
Test Level UOM: m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1002443829			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		21.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443822			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		15.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443832			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		23.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443820			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		9.43			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443825			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443828			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		20.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443831			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		22.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443812			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.5			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443817			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		16.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443824			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		19.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443827			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443815			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		18.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443818			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		8.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443819			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		15.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443826			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		20.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002443816			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		6.29			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002443809			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002443806			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002443807			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	40	1 of 1	ENE/83.7	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7105853			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	6/2/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z77354			Owner:	
Tag:	A051513			Street Name:	RICHMOND OAKS LOT 52
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1001605348	Elevation:	94.698219
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433437
Code OB Desc:		North83:	5004590

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	5/14/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1001687480
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.05
Formation End Depth: 45.71
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1001687479
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 86
Other Materials: STICKY
Formation Top Depth: 3.65
Formation End Depth: 10.05
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1001687478
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3.65
Formation End Depth UOM: m

Annular Space/Abandonment

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Sealing Record</u>					
	Plug ID:	1001687482			
	Layer:	1			
	Plug From:	13.1			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:	AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1001687476			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1001687484			
	Layer:				
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1001687485			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:				
	Screen Diameter UOM:				
	Screen Diameter:				
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	1001687477			
	Pump Set At:	16.76			
	Static Level:	0			
	Final Level After Pumping:	2.01			
	Recommended Pump Depth:	16.76			
	Pumping Rate:	54.6			
	Flowing Rate:				
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	4			
	Pumping Duration HR:	1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		N			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687497			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		2.02			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687498			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		2.02			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687491			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.9			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687490			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.86			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687493			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.99			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687495			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		2.02			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					
<i>Pump Test Detail ID:</i>		1001687488			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		1.54			
<i>Test Level UOM:</i>		m			
<i>Draw Down & Recovery</i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Pump Test Detail ID:		1001687492			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687499			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687486			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687489			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687487			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687494			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001687496			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.02			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001687483			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001687481			
Diameter:		15.23			
Depth From:					
Depth To:		45.71			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>41</u>	1 of 1	ENE/84.3	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7145672			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/28/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z101784			Owner:	
Tag:	A082865			Street Name:	LOT 59 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1002986840			Elevation:	94.484367
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433513
Code OB Desc:				North83:	5004501
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	1/26/2010			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	1003059720
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003059722			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		8.83			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003059721			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		8.83			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003059725			
Layer:		1			
Plug From:		11.88			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		3			
Method Construction:		Rotary (Reverse)			
Other Method Construction:		AIR/ AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003059718			
Casing No:		0			

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

Alt Name:

Construction Record - Casing

Casing ID: 1003059727
 Layer: 1
 Material: 1
 Open Hole or Material: STEEL
 Depth From: -0.45
 Depth To: 11.88
 Casing Diameter: 15.86
 Casing Diameter UOM: cm
 Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003059728
 Layer:
 Slot:
 Screen Top Depth:
 Screen End Depth:
 Screen Material:
 Screen Depth UOM: m
 Screen Diameter UOM: cm
 Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1003059719
 Pump Set At: 38.09
 Static Level: 0
 Final Level After Pumping:
 Recommended Pump Depth: 22.85
 Pumping Rate: 54.6
 Flowing Rate: 18.2
 Recommended Pump Rate: 45.5
 Levels UOM: m
 Rate UOM: LPM
 Water State After Test Code: 1
 Water State After Test: CLEAR
 Pumping Test Method: 0
 Pumping Duration HR: 1
 Pumping Duration MIN: 0
 Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003059737
 Test Type: Draw Down
 Test Duration: 15
 Test Level: 3.99
 Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003059738
 Test Type: Draw Down
 Test Duration: 20
 Test Level: 4.06
 Test Level UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059741			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		4.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059739			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		4.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059743			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		4.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059740			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4.16			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059729			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059730			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059731			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003059735			
Test Type:		Draw Down			
Test Duration:		5			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		3.16			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003059736			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		3.5			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003059742			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		4.35			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003059732			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.47			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003059734			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		2.89			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003059733			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.56			
<i>Test Level UOM:</i>		m			
 <u>Water Details</u>					
<i>Water ID:</i>		1003059726			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		32.27			
<i>Water Found Depth UOM:</i>		m			
 <u>Hole Diameter</u>					
<i>Hole ID:</i>		1003059724			
<i>Diameter:</i>		15.23			
<i>Depth From:</i>		11.88			
<i>Depth To:</i>		45.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Hole Diameter</u>					
Hole ID:		1003059723			
Diameter:		15.86			
Depth From:		0			
Depth To:		11.88			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	42	1 of 1	NE/87.3	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7102134			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/26/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z77306			Owner:	
Tag:	A065685			Street Name:	LOT 49, RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1001516019			Elevation:	94.652359
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433391
Code OB Desc:				North83:	5004650
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	1/25/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1001546623
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	79

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:		PACKED			
Formation Top Depth:		9.14			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001546621			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001546622			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.65			
Formation End Depth:		9.14			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001546624			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		11.27			
Formation End Depth:		47.24			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001546626			
Layer:		1			
Plug From:		13.71			
Plug To:		0			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001546619			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001546628			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		13.71			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001546629			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001546620			
Pump Set At:		38.09			
Static Level:					
Final Level After Pumping:		18.31			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		4.55			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Y			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1001546642			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		14.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546644			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		15.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546645			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		16.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546646			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		17.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546636			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		7.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546640			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		11.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546647			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		17.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546635			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		9.86			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546639			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		6.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546648			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		18.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546634			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546638			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		7.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546630			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546631			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		14.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546633			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		12.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546637			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Recovery			
Test Duration:		4			
Test Level:		8.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546641			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		1.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546649			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		18.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546632			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001546643			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001546627			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		45.41			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001546625			
Diameter:		15.23			
Depth From:					
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS

43

1 of 1

E/88.9

94.9 / 0.00

ON

Well ID:

7291993

Construction Date:

Primary Water Use:

Data Entry Status:

Data Src:

Date Received:

Yes

8/8/2017

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1844
Casing Material:				Form Version:	8
Audit No:	C30077			Owner:	
Tag:	A204016			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
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:	1006703573			Elevation:	94.491127
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433550
Code OB Desc:				North83:	5004449
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	2/28/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>45</u>	1 of 1	E/98.6	94.9 / 0.00	lot 23 con 3 ON
Well ID:	1535428			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	4/1/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2558
Casing Material:				Form Version:	3
Audit No:	Z21393			Owner:	
Tag:	A021098			Street Name:	6270 PERTH ST
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	03
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:	11315967			Elevation:	94.59085
DP2BR:	23			Elevrc:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Spatial Status:				Zone:	18
Code OB:	r			East83:	433583
Code OB Desc:	Bedrock			North83:	5004384
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	2/18/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 932996308
Layer: 3
Color: 8
General Color: BLACK
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 7.01
Formation End Depth: 42.67
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 932996307
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.05
Formation End Depth: 7.01
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 932996306
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3.05
Formation End Depth UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933266804			
Layer:		1			
Plug From:		9.14			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11330822			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855210			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.61			
Depth To:		9.14			
Casing Diameter:		15.24			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855211			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		9.14			
Depth To:		42.67			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11345415			
Pump Set At:		15.24			
Static Level:					
Final Level After Pumping:		7.06			
Recommended Pump Depth:		15			
Pumping Rate:		50			
Flowing Rate:					
Recommended Pump Rate:		30			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		2			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366621			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366625			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366623			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366624			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366629			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366633			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366634			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.6			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366636			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366637			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366642			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366626			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366638			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366639			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366645			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11366628			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366630			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366635			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366641			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366620			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366632			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366644			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366627			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366643			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366631			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366622			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11366640			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.6			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		934058781			
<i>Layer:</i>		1			
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i>		41.15			
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		11533443			
<i>Diameter:</i>		25.4			
<i>Depth From:</i>		0			
<i>Depth To:</i>		9.14			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

WWIS	<u>46</u>	1 of 1	ENE/101.5	94.9 / 0.00	lot 22 con 4 RICHMOND ON
<i>Well ID:</i>	7046992			<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	
<i>Primary Water Use:</i>	Domestic			<i>Date Received:</i>	7/23/2007
<i>Sec. Water Use:</i>				<i>Selected Flag:</i>	Yes
<i>Final Well Status:</i>	Water Supply			<i>Abandonment Rec:</i>	
<i>Water Type:</i>				<i>Contractor:</i>	1558
<i>Casing Material:</i>				<i>Form Version:</i>	3
<i>Audit No:</i>	Z58659			<i>Owner:</i>	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Tag:	A041926			Street Name:	L-32 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	23046992	Elevation:	94.188011
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433478
Code OB Desc:		North83:	5004569
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	5/30/2007	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	30146992
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.65
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	30346992
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	9.75
Formation End Depth:	47.24
Formation End Depth UOM:	m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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**Overburden and Bedrock
Materials Interval**

Formation ID: 30246992
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 86
Other Materials: STICKY
Formation Top Depth: 3.65
Formation End Depth: 9.75
Formation End Depth UOM: m

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 29046992
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 42146992
Layer: 1
Material:
Open Hole or Material:
Depth From: -0.45
Depth To: 11.88
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 42246992
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 11.88
Depth To: 47.24
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 27046992
Pump Set At: 30.47
Static Level: 0

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<i>Final Level After Pumping:</i>		10.08			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		22.75			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		Y			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45011400			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		10.08			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45011409			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3.13			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45011415			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.75			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45011410			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		3.05			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45011413			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		5.89			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45011404			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		8.83			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011412		
		Test Type:	Recovery		
		Test Duration:	4		
		Test Level:	1.82		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011398		
		Test Type:	Draw Down		
		Test Duration:	25		
		Test Level:	9.94		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011401		
		Test Type:	Draw Down		
		Test Duration:	50		
		Test Level:	10.08		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011402		
		Test Type:	Draw Down		
		Test Duration:	40		
		Test Level:	10.08		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011405		
		Test Type:	Recovery		
		Test Duration:	10		
		Test Level:	0		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011407		
		Test Type:	Draw Down		
		Test Duration:	4		
		Test Level:	5.13		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011414		
		Test Type:	Recovery		
		Test Duration:	5		
		Test Level:	0.81		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	45011416		
		Test Type:	Recovery		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		2			
Test Level:		4.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011403			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011406			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		8.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011408			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		9.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011399			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45011411			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		6.92			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		41146992			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		46.02			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		46001146			
Diameter:		15.23			
Depth From:		11.88			
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

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

Hole ID: 46001147
 Diameter: 22.75
 Depth From: 0
 Depth To: 11.88
 Hole Depth UOM: m
 Hole Diameter UOM: cm

WWIS	47	2 of 2	E/101.8	93.6 / -1.31	lot 23 con 3 ON
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Well ID:	1509767	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/17/1968
Sec. Water Use:	0	Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1503
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
Well Depth:		Concession:	03
Overburden/Bedrock:		Concession Name:	CON
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:	10031799	Elevation:	94.12918
DP2BR:	23	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433590.6
Code OB Desc:	Bedrock	North83:	5004327
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/28/1968	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 931012998
 Layer: 1
 Color:
 General Color:
 Mat1: 05
 Most Common Material: CLAY
 Mat2:
 Other Materials:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	23			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931012999			
	Layer:	2			
	Color:				
	General Color:				
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	23			
	Formation End Depth:	50			
	Formation End Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	1			
	Method Construction:	Cable Tool			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10580369			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930056232			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:	26			
	Casing Diameter:	5			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Construction Record - Casing</u>					
	Casing ID:	930056233			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:	50			
	Casing Diameter:	5			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Results of Well Yield Testing					
		991509767			
Pump Test ID:					
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		23			
Recommended Pump Depth:		35			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
Water Details					
Water ID:		933464659			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		48			
Water Found Depth UOM:		ft			

WWIS	48	1 of 1	ENE/101.9	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7039566				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	
Sec. Water Use:				Date Received:	1/25/2007
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z58718			Form Version:	3
Tag:	A041991			Owner:	
Construction Method:				Street Name:	LOT60,ROCHELLE
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Bore Hole Information					
Bore Hole ID:	11761823			Elevation:	94.224281
DP2BR:	30			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433525
Code OB Desc:	Bedrock			North83:	5004514
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	11/15/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933087737			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		9.14			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933087736			
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:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933087738			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		28			
Other Materials:		SAND			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		9.14			
Formation End Depth:		48.76			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933311938			
Layer:		1			
Plug From:		11.27			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11769513			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930894333			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		11.27			
Depth To:		48.76			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930894332			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.6			
Depth To:		11.27			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11776481			
Pump Set At:		30.47			
Static Level:		0			
Final Level After Pumping:		26.52			
Recommended Pump Depth:		30.47			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11788515			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.13			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788516			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		22.78			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788521			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		7.14			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788526			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		7.19			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788533			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		23.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788519			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788527			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788524			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		14.61			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788525			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		12.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788529			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		19.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788530			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		1.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788536			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		26.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788518			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		20.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788522			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		16.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788528			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11788531			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		22.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788535			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		26.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788517			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788523			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788532			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788534			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		25.07			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788520			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		17.94			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934083164			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		46.63			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11847983			
Diameter:		22.75			
Depth From:		0			
Depth To:		11.27			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11847984			
Diameter:		15.23			
Depth From:		11.27			
Depth To:		48.76			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	49	1 of 1	ENE/102.5	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7053576				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z60354				
Tag:	A065657				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
				Data Entry Status:	
				Data Src:	
				Date Received:	12/10/2007
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	4
				Owner:	
				Street Name:	L-54 RICHMOND OAKS
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	022
				Concession:	04
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	23053576			Elevation:	94.414375
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433438
Code OB Desc:				North83:	5004618
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	10/15/2007			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	1001506575			
	Layer:	2			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:	79			
	Other Materials:	PACKED			
	Formation Top Depth:	1.82			
	Formation End Depth:	4.87			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1001506577			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:	81			
	Other Materials:	SANDY			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	10.05			
	Formation End Depth:	47.24			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1001506574			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	02			
	Most Common Material:	TOPSOIL			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:	01			
	Other Materials:	FILL			
	Formation Top Depth:	0			
	Formation End Depth:	1.82			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1001506576			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	4.87			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation End Depth:		10.05			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001506579			
Layer:		1			
Plug From:		11.88			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001506572			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001506581			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001506582			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001506573			
Pump Set At:		22.85			
Static Level:		0.41			
Final Level After Pumping:		2.17			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506583			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.49			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506589			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.99			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506585			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.8			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506592			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.43			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506598			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.14			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506584			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.57			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001506595			
Test Type:		Draw Down			
Test Duration:		15			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		2.08			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506599			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		2.16			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506586			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.47			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506590			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.44			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506594			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.4			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506600			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		2.17			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506601			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		2.17			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001506587			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.93			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test Detail ID:</i> 1001506588					
<i>Test Type:</i> Recovery					
<i>Test Duration:</i> 3					
<i>Test Level:</i> 0.45					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 1001506593					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 10					
<i>Test Level:</i> 2.07					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 1001506596					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 20					
<i>Test Level:</i> 2.12					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 1001506591					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 5					
<i>Test Level:</i> 2.02					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 1001506597					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 25					
<i>Test Level:</i> 2.13					
<i>Test Level UOM:</i> m					
<u>Water Details</u>					
<i>Water ID:</i> 1001506580					
<i>Layer:</i> 1					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i> 45.41					
<i>Water Found Depth UOM:</i> m					
<u>Hole Diameter</u>					
<i>Hole ID:</i> 1001506578					
<i>Diameter:</i> 15.39					
<i>Depth From:</i>					
<i>Depth To:</i> 47.24					
<i>Hole Depth UOM:</i> m					
<i>Hole Diameter UOM:</i> cm					

WWIS

50

1 of 1

NE/103.3

94.9 / 0.00

lot 22 con 4
RICHMOND ON

Well ID:

7123233

Data Entry Status:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Construction Date:				Data Src:	
	Primary Water Use:	Domestic		Date Received:	5/20/2009
	Sec. Water Use:			Selected Flag:	Yes
	Final Well Status:	Water Supply		Abandonment Rec:	
	Water Type:			Contractor:	1558
	Casing Material:			Form Version:	7
	Audit No:	Z095316		Owner:	
	Tag:	A068302		Street Name:	RICHMOND OAKS LOT 41
	Construction Method:			County:	OTTAWA-CARLETON
	Elevation (m):			Municipality:	GOULBOURN TOWNSHIP
	Elevation Reliability:			Site Info:	
	Depth to Bedrock:			Lot:	022
	Well Depth:			Concession:	04
	Overburden/Bedrock:			Concession Name:	CON
	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:	1002427362	Elevation:	94.364768
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433390
Code OB Desc:		North83:	5004676
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/20/2009	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1002572597
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	1.52
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1002572598
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		1.52			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002572600			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		10.97			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002572599			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		4.57			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002572603			
Layer:		1			
Plug From:		0			
Plug To:		12.8			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1002572595			
Casing No:		0			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Comment:

Alt Name:

Construction Record - Casing

Casing ID: 1002572605
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.6
Depth To: 12.8
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1002572606
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1002572596
Pump Set At: 15.23
Static Level: -0.26
Final Level After Pumping:
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate: 91
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Water Details

Water ID: 1002572604
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 44.49
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002572602
Diameter: 15.23
Depth From: 12.8
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

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

Hole ID: 1002572601
Diameter: 15.86
Depth From: 0
Depth To: 12.8
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	51	1 of 1	NNE/110.7	94.9 / 0.00	RICHMOND ON
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Well ID: 7222502
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z172447
Tag: A149047
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 6/26/2014
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 7
Owner:
Street Name: RICHMOND OAKS TW14-5
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1004883325
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 4/14/2014
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 94.249809
Elevrc:
Zone: 18
East83: 433196
North83: 5004917
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005196978
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005196979			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1005196980			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		11.27			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005197002			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1005196976			
Casing No:		0			
Comment:					
Alt Name:					

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

Casing ID: 1005196984
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.45
Depth To: 13.1
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005196985
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1005196977
Pump Set At: 15.23
Static Level: 0
Final Level After Pumping: 0.61
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate: 22.75
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: Y

Draw Down & Recovery

Pump Test Detail ID: 1005196988
Test Type: Draw Down
Test Duration: 2
Test Level: 0.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005196998
Test Type: Draw Down
Test Duration: 50
Test Level: 0.63
Test Level UOM: m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005196989			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196990			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196991			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196997			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196992			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196995			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196999			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196994			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.66			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196986			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196996			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196987			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196993			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.65			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005196983			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005196981			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005196982			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
WWIS	<u>54</u>	1 of 1	NNE/117.9	94.9 / 0.00	lot 23 con 4 ON
Well ID:	7317819			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/27/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256796			Owner:	
Tag:	A199978			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1007274211			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433192
Code OB Desc:				North83:	5004933
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/9/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>55</u>	1 of 1	E/120.3	93.9 / -1.00	ON
Well ID:	1516771			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/27/1978
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Bore Hole Information

Bore Hole ID:	10038666	Elevation:	94.430999
DP2BR:	22	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433610.6
Code OB Desc:	Bedrock	North83:	5004362
Open Hole:		Org CS:	4
Cluster Kind:		UTMRC:	
Date Completed:	8/30/1978	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931033125
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931033124
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
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

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Pipe ID:		10587236			
Casing No:		1			
Comment:					
Alt Name:					

Construction Record - Casing

Casing ID:	930067907
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	24
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991516771
Pump Set At:	
Static Level:	8
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934900493
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102340
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642592
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		934381502			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30			
Test Level UOM:		ft			

Water Details

Water ID:	933473127
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	41
Water Found Depth UOM:	ft

WWIS	56	1 of 1	ENE/121.9	94.9 / 0.00	lot 21 con 4 RICHMOND ON
Well ID:	7047002				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z58647				
Tag:	A051464				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	7/23/2007				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	3				
Owner:					
Street Name:	L-33 RICHMOND OAKS				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:	021				
Concession:	04				
Concession Name:	CON				
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	23047002			Elevation:	93.989257
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433482
Code OB Desc:				North83:	5004596
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	5/10/2007			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	30147002
Layer:	1
Color:	6

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
General Color: BROWN					
Mat1: 02					
Most Common Material: TOPSOIL					
Mat2: 12					
Other Materials: STONES					
Mat3: 01					
Other Materials: FILL					
Formation Top Depth: 0					
Formation End Depth: 1.52					
Formation End Depth UOM: m					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 30247002					
Layer: 2					
Color: 6					
General Color: BROWN					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 79					
Other Materials: PACKED					
Mat3:					
Other Materials:					
Formation Top Depth: 1.52					
Formation End Depth: 4.26					
Formation End Depth UOM: m					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 30547002					
Layer: 5					
Color: 2					
General Color: GREY					
Mat1: 18					
Most Common Material: SANDSTONE					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 33.52					
Formation End Depth: 45.1					
Formation End Depth UOM: m					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 30347002					
Layer: 3					
Color: 2					
General Color: GREY					
Mat1: 05					
Most Common Material: CLAY					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 4.26					
Formation End Depth: 8.83					
Formation End Depth UOM: m					
 <u>Overburden and Bedrock</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	30447002			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	8.83			
	Formation End Depth:	33.52			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment Sealing Record</u>					
	Plug ID:	44001834			
	Layer:	1			
	Plug From:	11.27			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Annular Space/Abandonment Sealing Record</u>					
	Plug ID:	44001833			
	Layer:	2			
	Plug From:				
	Plug To:				
	Plug Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	29047002			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	42147002			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	11.27			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Results of Well Yield Testing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test ID:</i>		27047002			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>					
<i>Final Level After Pumping:</i>		0.31			
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		N			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45010912			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.2			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45010901			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45010909			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.24			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45010903			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.27			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45010904			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.26			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		45010907			
<i>Test Type:</i>		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		60			
Test Level:		0.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010908			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010910			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010905			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010906			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010902			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010900			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		45010911			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.22			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Water Details</u>					
Water ID:		41147002			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		46001165			
Diameter:		22.75			
Depth From:		0			
Depth To:		11.27			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		46001166			
Diameter:		15.23			
Depth From:		11.27			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	57	1 of 1	ENE/122.6	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7139833			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/16/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z101771			Owner:	
Tag:	A082856			Street Name:	LOT 26 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1002937646			Elevation:	94.014076
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433531
Code OB Desc:				North83:	5004539
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	11/19/2009			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003106512
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.65
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003106513
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 86
Other Materials: STICKY
Formation Top Depth: 3.65
Formation End Depth: 8.83
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003106514
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 8.83
Formation End Depth: 45.1
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1003106517
Layer: 1
Plug From: 11.88

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		4			
<i>Method Construction:</i>		Rotary (Air)			
<i>Other Method Construction:</i>		AIR PERCUSSION			
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1003106510			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1003106519			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		11.88			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1003106520			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1003106511			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		1.9			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		13.65			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		Y			

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1003106534			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106528			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106532			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106523			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106529			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106531			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106524			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106525			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.71			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106533			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106526			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		1.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106527			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106530			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		1.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106521			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003106522			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003106518			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID: 1003106516					
Diameter: 15.23					
Depth From: 11.88					
Depth To: 45.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1003106515					
Diameter: 15.86					
Depth From: 0					
Depth To: 11.88					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	58	1 of 1	NE/122.9	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID: 7139871					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: Z101722					
Tag: A076849					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received: 2/16/2010					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1558					
Form Version: 7					
Owner:					
Street Name: LOT 50 MIRA COURT					
County: OTTAWA-CARLETON					
Municipality: GOULBOURN TOWNSHIP					
Site Info:					
Lot: 023					
Concession: 04					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID: 1002937867					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed: 9/9/2009					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1003108423

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		2			
		6			
		BROWN			
		05			
		CLAY			
		79			
		PACKED			
		2.42			
		4.26			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1003108424			
		3			
		2			
		GREY			
		05			
		CLAY			
		12			
		STONES			
		86			
		STICKY			
		4.26			
		10.36			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1003108422			
		1			
		6			
		BROWN			
		02			
		TOPSOIL			
		81			
		SANDY			
		12			
		STONES			
		0			
		2.42			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1003108425			
		4			
		2			
		GREY			
		15			
		LIMESTONE			
		18			
		SANDSTONE			
		10.36			
		45.1			
		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003108428			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003108420			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003108430			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003108431			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003108421			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		2.4			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		22.75			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		Y			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108433			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		1.7			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108444			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		2.4			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108436			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.22			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108440			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		2.38			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108441			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		2.4			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108443			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		2.41			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1003108434			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.99			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108438			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108442			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108432			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108437			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108439			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108435			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.15			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003108429			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003108426			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<i>Diameter:</i>		15.86			
<i>Depth From:</i>		0			
<i>Depth To:</i>		13.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
 <u>Hole Diameter</u>					
<i>Hole ID:</i>		1003108427			
<i>Diameter:</i>		15.23			
<i>Depth From:</i>		13.1			
<i>Depth To:</i>		45.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

WWIS	59	1 of 1	NNE/125.8	94.9 / 0.00	RICHMOND ON
<i>Well ID:</i>	7299418				
<i>Construction Date:</i>					
<i>Primary Water Use:</i>	Domestic				
<i>Sec. Water Use:</i>					
<i>Final Well Status:</i>	Water Supply				
<i>Water Type:</i>					
<i>Casing Material:</i>					
<i>Audit No:</i>	Z256744				
<i>Tag:</i>	A148998				
<i>Construction Method:</i>					
<i>Elevation (m):</i>					
<i>Elevation Reliability:</i>					
<i>Depth to Bedrock:</i>					
<i>Well Depth:</i>					
<i>Overburden/Bedrock:</i>					
<i>Pump Rate:</i>					
<i>Static Water Level:</i>					
<i>Flowing (Y/N):</i>					
<i>Flow Rate:</i>					
<i>Clear/Cloudy:</i>					
<i>Data Entry Status:</i>					
<i>Data Src:</i>					
<i>Date Received:</i>	11/17/2017				
<i>Selected Flag:</i>	Yes				
<i>Abandonment Rec:</i>					
<i>Contractor:</i>	1558				
<i>Form Version:</i>	7				
<i>Owner:</i>					
<i>Street Name:</i>	LOT 33 BALD EAGLE CRESCENT				
<i>County:</i>	OTTAWA-CARLETON				
<i>Municipality:</i>	GOULBOURN TOWNSHIP				
<i>Site Info:</i>					
<i>Lot:</i>					
<i>Concession:</i>					
<i>Concession Name:</i>					
<i>Easting NAD83:</i>					
<i>Northing NAD83:</i>					
<i>Zone:</i>					
<i>UTM Reliability:</i>					

Bore Hole Information

<i>Bore Hole ID:</i>	1006804099				
<i>DP2BR:</i>					
<i>Spatial Status:</i>					
<i>Code OB:</i>					
<i>Code OB Desc:</i>					
<i>Open Hole:</i>					
<i>Cluster Kind:</i>					
<i>Date Completed:</i>	8/4/2017				
<i>Remarks:</i>					
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<i>Elevation:</i>				93.976501	
<i>Elevrc:</i>					
<i>Zone:</i>				18	
<i>East83:</i>				433291	
<i>North83:</i>				5004828	
<i>Org CS:</i>				UTM83	
<i>UTMRC:</i>				4	
<i>UTMRC Desc:</i>				margin of error : 30 m - 100 m	
<i>Location Method:</i>				wwr	

**Overburden and Bedrock
Materials Interval**

<i>Formation ID:</i>	1007040349
<i>Layer:</i>	2
<i>Color:</i>	2

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
General Color: GREY					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 12					
Other Materials: STONES					
Mat3:					
Other Materials:					
Formation Top Depth: 3.96					
Formation End Depth: 11.27					
Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1007040350					
Layer: 3					
Color: 2					
General Color: GREY					
Mat1: 15					
Most Common Material: LIMESTONE					
Mat2: 18					
Other Materials: SANDSTONE					
Mat3:					
Other Materials:					
Formation Top Depth: 11.27					
Formation End Depth: 45.1					
Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1007040348					
Layer: 1					
Color: 6					
General Color: BROWN					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 79					
Other Materials: PACKED					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 3.96					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1007040375					
Layer: 1					
Plug From: 13.1					
Plug To: 0					
Plug Depth UOM: m					
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code: 2					
Method Construction: Rotary (Convent.)					
Other Method Construction: AIR PERCUSSION					

Pipe Information

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Pipe ID:		1007040346			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007040355			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1007040354			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007040356			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007040347			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		0.41			
Recommended Pump Depth:		15.23			
Pumping Rate:		15.23			
Flowing Rate:		49.5			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1007040358			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040365			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040359			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040369			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040357			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040361			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040363			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040368			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.4			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040364			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	0.38			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040367			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	0.4			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040370			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	0.41			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040360			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	0.01			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040362			
	Test Type:	Recovery			
	Test Duration:	3			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040366			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	0.39			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040371			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	0.41			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1007040372			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.41			
Test Level UOM:		m			

Water Details

Water ID: 1007040353
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 44.49
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1007040352
Diameter: 15.23
Depth From: 13.1
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1007040351
Diameter: 15.86
Depth From: 0
Depth To: 13.1
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	60	1 of 1	NE/126.7	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7123232			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/20/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095317			Owner:	
Tag:	A068304			Street Name:	RICHMOND OAKS LOT 40
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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: 1002427359
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation: 94.00418
Elevrc:
Zone: 18
East83: 433413
North83: 5004685

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	4/20/2009			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1002572526
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 1.52
Formation End Depth: 4.26
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1002572528
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.97
Formation End Depth: 45.1
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1002572525
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 01
Other Materials: FILL
Formation Top Depth: 0
Formation End Depth: 1.52
Formation End Depth UOM: m

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	1002572527			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:	86			
	Other Materials:	STICKY			
	Formation Top Depth:	4.26			
	Formation End Depth:	10.97			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment Sealing Record</u>					
	Plug ID:	1002572531			
	Layer:	1			
	Plug From:	0			
	Plug To:	12.8			
	Plug Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:	AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1002572523			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1002572534			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.6			
	Depth To:	12.8			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1002572535			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Results of Well Yield Testing

Pump Test ID: 1002572524
Pump Set At: 15.23
Static Level: -0.22
Final Level After Pumping: 6.5
Recommended Pump Depth: 50.05
Pumping Rate: 54.6
Flowing Rate:
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1002572548
Test Type: Draw Down
Test Duration: 60
Test Level: 0.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002572542
Test Type: Draw Down
Test Duration: 15
Test Level: 0.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002572546
Test Type: Draw Down
Test Duration: 40
Test Level: 0.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002572543
Test Type: Draw Down
Test Duration: 20
Test Level: 0.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002572544
Test Type: Draw Down
Test Duration: 25
Test Level: 0.6
Test Level UOM: m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1002572539			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572547			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572537			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572538			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572540			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572536			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572541			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002572545			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.6			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002572533			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002572529			
Diameter:		15.86			
Depth From:		0			
Depth To:		12.8			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002572530			
Diameter:		15.23			
Depth From:		12.8			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	61	1 of 1	NE/126.7	94.9 / 0.00	lot 23 con 4 ON
Well ID:	7317801				
Construction Date:				Data Entry Status:	Yes
Primary Water Use:				Data Src:	
Sec. Water Use:				Date Received:	8/27/2018
Final Well Status:				Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z256823			Form Version:	7
Tag:	A225494			Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	023
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1007273544			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433315
Code OB Desc:				North83:	5004801
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/18/2018			UTMRC Desc:	margin of error : 30 m - 100 m

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

WWIS	62	1 of 1	ESE/127.8	92.9 / -2.00	RICHMON ON
Well ID:	7301262			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	12/12/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	6894
Casing Material:				Form Version:	7
Audit No:	Z221608			Owner:	
Tag:	A204016			Street Name:	6265 PERTH ST
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006875470			Elevation:	94.399665
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433515
Code OB Desc:				North83:	5004200
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/29/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1007068099
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	1.52

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		3.05			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1007068100			
		4			
		2			
		GREY			
		05			
		CLAY			
		06			
		SILT			
		3.05			
		6.1			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1007068098			
		2			
		2			
		GREY			
		06			
		SILT			
		0.81			
		1.52			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1007068097			
		1			
		6			
		BROWN			
		02			
		TOPSOIL			
		0			
		0.81			
		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		1007068107			
		1			
		0			
		6.1			
		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		6			
Method Construction:		Boring			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007068096			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007068103			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		4.576			
Casing Diameter:		2.067			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007068104			
Layer:		1			
Slot:		40			
Screen Top Depth:		4.576			
Screen End Depth:		6.1			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		2.375			
<u>Water Details</u>					
Water ID:		1007068102			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		1.752			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007068101			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS

63

1 of 1

ENE/128.7

94.9 / 0.00

lot 22 con 4
RICHMOND ON

Well ID: 7112925
Construction Date:

Data Entry Status:
Data Src:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Primary Water Use:				Date Received:	10/14/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Supply				Contractor:	1558
Water Type:				Form Version:	7
Casing Material:				Owner:	
Audit No:				Street Name:	LOT 51 RICHMOND OAKS
Z84365				County:	OTTAWA-CARLETON
Tag:				Municipality:	GOULBOURN TOWNSHIP
A051560				Site Info:	
Construction Method:				Lot:	022
Elevation (m):				Concession:	04
Elevation Reliability:				Concession Name:	CON
Depth to Bedrock:				Easting NAD83:	
Well Depth:				Northing NAD83:	
Overburden/Bedrock:				Zone:	
Pump Rate:				UTM Reliability:	
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1001835714	Elevation:	93.999328
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433463
Code OB Desc:		North83:	5004629
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/6/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1001934158
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.96
Formation End Depth:	10.66
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001934159
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		10.66			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001934157			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001934162			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001934155			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001934164			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Screen ID:		1001934165			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					

Results of Well Yield Testing

Pump Test ID:	1001934156
Pump Set At:	15.23
Static Level:	0.55
Final Level After Pumping:	1.59
Recommended Pump Depth:	15.23
Pumping Rate:	54.6
Flowing Rate:	4.55
Recommended Pump Rate:	45.5
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1001934166
Test Type:	Draw Down
Test Duration:	1
Test Level:	0.96
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1001934170
Test Type:	Draw Down
Test Duration:	4
Test Level:	1.44
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1001934172
Test Type:	Draw Down
Test Duration:	10
Test Level:	1.53
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1001934173
Test Type:	Draw Down
Test Duration:	15
Test Level:	1.54
Test Level UOM:	m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1001934177			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	40		
		Test Level:	1.58		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934171			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	5		
		Test Level:	1.47		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934174			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	20		
		Test Level:	1.55		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934179			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	60		
		Test Level:	1.59		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934175			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	25		
		Test Level:	1.56		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934168			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	2		
		Test Level:	1.24		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934178			
		Pump Test Detail ID:			
		Test Type:	Draw Down		
		Test Duration:	50		
		Test Level:	1.6		
		Test Level UOM:	m		
		<u>Draw Down & Recovery</u>			
		1001934167			
		Pump Test Detail ID:			
		Test Type:	Recovery		
		Test Duration:	1		
		Test Level:	0.51		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001934169			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001934176			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.57			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001934163			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001934160			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001934161			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	64	1 of 1	NNE/129.0	94.9 / 0.00	RICHMOND ON
Well ID:	7270159				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z226792				
Tag:	A165119				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Data Entry Status:					
Data Src:					
Date Received:	8/29/2016				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	RICHMOND OAKS LOT 22				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Overburden/Bedrock:			Concession Name:		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:		1006227282		Elevation:	94.091102
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433198
Code OB Desc:				North83:	5004943
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		5/24/2016		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256877			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256879			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		12.19			
Formation End Depth:		50.28			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256878			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		12.19			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006256880			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		50.28			
Formation End Depth:		70.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006256915			
Layer:		1			
Plug From:		14.93			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY MUD			
<u>Pipe Information</u>					
Pipe ID:		1006256875			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006256886			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		14.93			
Casing Diameter:		15.86			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1006256885			
<i>Layer:</i>		1			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>		0			
<i>Depth To:</i>		14.93			
<i>Casing Diameter:</i>		27.13			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1006256887			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1006256876			
<i>Pump Set At:</i>		30.47			
<i>Static Level:</i>		0.55			
<i>Final Level After Pumping:</i>		6.39			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		45.5			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256890			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		2.94			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006256900			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256905			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		6.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256910			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256891			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		2.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256892			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256903			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256906			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256899			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256901			
Test Type:		Draw Down			
Test Duration:		20			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		5.84			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256902			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256904			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256908			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256912			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256897			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.65			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256898			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006256907			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		6.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1006256894			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		3.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256909			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256911			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256888			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256889			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256893			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		1.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256895			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.78			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1006256896			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.25			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1006256883			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		45.1			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1006256884			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		69.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1006256882			
Diameter:		15.23			
Depth From:		14.93			
Depth To:		70.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1006256881			
Diameter:		15.86			
Depth From:		0			
Depth To:		14.93			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	65	1 of 1	ENE/130.5	94.9 / 0.00	lot 22 con 4 GOULBOURN RICHMOND ON
Well ID:	7039565				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z58719				
Tag:	A042026				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	1/25/2007				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	3				
Owner:					
Street Name:	LOT27,RICHMONDOAKS				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:	022				
Concession:	04				
Concession Name:	CON				
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Bore Hole Information</u>					
Bore Hole ID:		11761822		Elevation:	93.988014
DP2BR:		29		Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433522
Code OB Desc:	Bedrock			North83:	5004562
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	11/15/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 933087733
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: 3.96
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 933087734
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.96
Formation End Depth: 8.83
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 933087735
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Other Materials:					
	Formation Top Depth:	8.83			
	Formation End Depth:	45.1			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933311937			
	Layer:	1			
	Plug From:	10.67			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	11769512			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930894331			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	10.97			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	11776480			
	Pump Set At:	30.47			
	Static Level:	0			
	Final Level After Pumping:	12.18			
	Recommended Pump Depth:	22.85			
	Pumping Rate:	54.6			
	Flowing Rate:				
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:				
	Pumping Duration HR:	1			
	Pumping Duration MIN:	0			
	Flowing:				
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11788496			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788497			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		8.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788505			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		1.81			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788503			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788510			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		11.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788502			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788506			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		9.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788508			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.53			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788509			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	11.27			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788514			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	12.18			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788511			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	11.84			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788498			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	2.35			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788499			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	6.27			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788500			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	3.17			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788501			
	Test Type:	Recovery			
	Test Duration:	3			
	Test Level:	4.54			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11788504			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788507			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788512			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		11.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11788513			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		12.1			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934083163			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11847981			
Diameter:		22.75			
Depth From:		0			
Depth To:		10.97			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11847982			
Diameter:		15.55			
Depth From:		10.97			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS

66

1 of 1

NNE/131.4

94.9 / 0.00

RICHMOND ON

Well ID: 7299427
Construction Date:

Data Entry Status:
Data Src:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Primary Water Use:	Domestic			Date Received:	11/17/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256741			Owner:	
Tag:	A200020			Street Name:	LOT 32 BALD EAGLE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006804273	Elevation:	94.087646
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433273
Code OB Desc:		North83:	5004858
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	7/28/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1007040670
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	11.27
Formation End Depth:	53.33
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1007040668
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1007040669			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1007040701			
Layer:		1			
Plug From:		14.02			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007040666			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007040675			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		14.02			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing ID: 1007040676					
Layer: 2					
Material: 1					
Open Hole or Material: STEEL					
Depth From: -0.45					
Depth To: 14.02					
Casing Diameter: 15.86					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
 <u>Construction Record - Screen</u>					
Screen ID: 1007040677					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID: 1007040667					
Pump Set At: 15.23					
Static Level:					
Final Level After Pumping: 3.62					
Recommended Pump Depth: 15.23					
Pumping Rate: 54.6					
Flowing Rate: 27.3					
Recommended Pump Rate: 45.5					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 0					
Pumping Duration HR: 1					
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007040679					
Test Type: Recovery					
Test Duration: 1					
Test Level: 3.14					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007040683					
Test Type: Recovery					
Test Duration: 3					
Test Level: 2.03					
Test Level UOM: m					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007040693					
Test Type: Recovery					
Test Duration: 20					
Test Level: 0					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040697			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040698			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040686			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040695			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040688			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040689			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040690			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1007040680			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040696			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		3.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040694			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040678			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040685			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		1.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040687			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		1.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040691			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040681			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		2.68			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040684			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040682			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040692			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.49			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1007040674			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.5			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1007040673			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		45.41			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007040671			
Diameter:		15.86			
Depth From:		0			
Depth To:		14.02			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007040672			
Diameter:		15.23			
Depth From:		14.02			
Depth To:		53.33			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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WWIS **67** 1 of 1 **ENE/131.5** **94.9 / 0.00** **lot 22 con 4
RICHMOND ON**

Well ID:	7046993	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	7/23/2007
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	3
Audit No:	Z58660	Owner:	
Tag:	A041931	Street Name:	L-25 RICHMOND OAKS
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	04
Overburden/Bedrock:		Concession Name:	CON
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:	23046993	Elevation:	94.002014
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433530
Code OB Desc:		North83:	5004554
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	5/30/2007	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	30146993
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3.65
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	30246993
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DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.65			
Formation End Depth:		8.83			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		30346993			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		03			
Other Materials:		MUCK			
Mat3:					
Other Materials:					
Formation Top Depth:		8.83			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		44001829			
Layer:		1			
Plug From:		10.97			
Plug To:		0			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		44001830			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		29046993			
Casing No:		0			
Comment:					
Alt Name:					

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

Casing ID: 42146993
Layer: 1
Material:
Open Hole or Material:
Depth From: -0.45
Depth To: 10.97
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 42246993
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 10.97
Depth To: 45.1
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Results of Well Yield Testing

Pump Test ID: 27046993
Pump Set At: 15.23
Static Level:
Final Level After Pumping: 0
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate: 45.5
Recommended Pump Rate: 45.4
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: Y

Water Details

Water ID: 41146993
Layer: 1
Kind Code:
Kind:
Water Found Depth: 43.58
Water Found Depth UOM: m

Hole Diameter

Hole ID: 46001149
Diameter: 22.75
Depth From: 0
Depth To: 10.97
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID:		46001148			
Diameter:		15.23			
Depth From:		10.97			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>68</u>	1 of 1	NE/131.9	94.9 / 0.00	RICHMOND ON
Well ID:	7299419				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z256743				
Tag:	A148997				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	11/17/2017				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 38 CEDARSTONE DRIVE				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1006804102			Elevation:	94.024566
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433370
Code OB Desc:				North83:	5004744
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/14/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	1007040378
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007040379			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007040380			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10.97			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007040407			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1007040376			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		1007040384			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1007040385			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007040386			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1007040377			
Pump Set At:		30.47			
Static Level:					
Final Level After Pumping:		1.5			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		40.95			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040391			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1007040388			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040392			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040387			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040398			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040395			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		1.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040403			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040389			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040393			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.34			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040394			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040396			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040401			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040402			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040397			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040399			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040404			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 1007040390					
Test Type: Recovery					
Test Duration: 2					
Test Level: 0.99					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1007040400					
Test Type: Draw Down					
Test Duration: 25					
Test Level: 1.47					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 1007040383					
Layer: 1					
Kind Code: 8					
Kind: Untested					
Water Found Depth: 42.66					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1007040381					
Diameter: 15.86					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1007040382					
Diameter: 15.23					
Depth From: 13.1					
Depth To: 45.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS

69

1 of 1

NE/133.5

94.9 / 0.00

RICHMOND ON

Well ID:	7290736	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	7/24/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	7
Audit No:	Z226875	Owner:	
Tag:	A149017	Street Name:	51 BALD EAGLE LOT 37
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	

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

Bore Hole Information

Bore Hole ID:	1006639886	Elevation:	94.037147
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433356
Code OB Desc:		North83:	5004763
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	4/24/2017	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1006728632
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.96
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006728633
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	3.96
Formation End Depth:	10.97
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1006728634
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		10.97			
Formation End Depth:		45.41			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006728656			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		2			
Method Construction Code:		Rotary (Convent.)			
Method Construction:		AIR PERCUSSION			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1006728630			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1006728639			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		1006728638			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		0			
Depth To:		13.1			
Casing Diameter:		27.13			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1006728640			
Layer:					
Slot:					
Screen Top Depth:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Screen End Depth:					
Screen Material:					
		m			
		cm			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
		1006728631			
		22.85			
Static Level:					
		0.9			
		15.23			
		54.6			
		45.5			
		45.5			
		m			
		LPM			
		1			
		CLEAR			
		0			
		1			
		Y			
 <u>Draw Down & Recovery</u>					
		1006728646			
		Draw Down			
		10			
		0.87			
		m			
 <u>Draw Down & Recovery</u>					
		1006728642			
		Draw Down			
		2			
		0.8			
		m			
 <u>Draw Down & Recovery</u>					
		1006728647			
		Draw Down			
		15			
		0.87			
		m			
 <u>Draw Down & Recovery</u>					
		1006728652			
		Draw Down			
		50			
		0.88			
		m			
 <u>Draw Down & Recovery</u>					
		1006728644			
		Draw Down			
		4			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.85			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728649			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728651			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728641			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.69			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728643			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.83			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728645			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.87			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728648			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006728650			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 1006728653					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 0.88					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 1006728637					
Layer: 1					
Kind Code: 8					
Kind: Untested					
Water Found Depth: 44.19					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1006728636					
Diameter: 15.23					
Depth From: 13.1					
Depth To: 45.41					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1006728635					
Diameter: 15.86					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	70	1 of 1	NE/134.2	94.9 / 0.00	lot 23 con 4 ON
Well ID:	7317824			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/27/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256797			Owner:	
Tag:	A199979			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1007274226			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Code OB:				East83:	433335
Code OB Desc:				North83:	5004789
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/24/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>71</u>	1 of 1	ENE/135.5	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7102145			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/26/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z77314			Owner:	
Tag:	A051504			Street Name:	LOT 61, RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1001516052			Elevation:	94.007698
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433526
Code OB Desc:				North83:	5004565
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	2/5/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	1001546933
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:		81			
Other Materials:		SANDY			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.35			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001546935			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:		78			
Other Materials:		MEDIUM-GRAINED			
Formation Top Depth:		9.75			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001546934			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.35			
Formation End Depth:		9.75			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001546937			
Layer:		1			
Plug From:		12.19			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001546931			
Casing No:		0			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Comment:

Alt Name:

Construction Record - Casing

Casing ID: 1001546939
Layer:
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 12.19
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001546940
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001546932
Pump Set At: 15.23
Static Level: 0
Final Level After Pumping: 8.36
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate: 9.1
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 4
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: Y

Draw Down & Recovery

Pump Test Detail ID: 1001546949
Test Type: Draw Down
Test Duration: 5
Test Level: 5.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001546952
Test Type: Draw Down
Test Duration: 15
Test Level: 7.62
Test Level UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546943			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	3.16			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546948			
	Test Type:	Recovery			
	Test Duration:	4			
	Test Level:	0.44			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546950			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546951			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	7.22			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546955			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	8.07			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546944			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	3.34			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546945			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	3.97			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1001546953			
	Test Type:	Draw Down			
	Test Duration:	20			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		7.89			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546941			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.97			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546957			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		8.28			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546947			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		4.74			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546956			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		8.19			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546942			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		5.42			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546946			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.63			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001546954			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		8.01			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 1001546958					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 8.36					
Test Level UOM: m					
Water Details					
Water ID: 1001546938					
Layer: 1					
Kind Code: 5					
Kind: Not stated					
Water Found Depth: 42.66					
Water Found Depth UOM: m					
Hole Diameter					
Hole ID: 1001546936					
Diameter: 15.23					
Depth From:					
Depth To: 45.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	<u>72</u>	1 of 1	ENE/135.6	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7105846				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z77348				
Tag:	A051543				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
				Data Entry Status:	
				Data Src:	
				Date Received:	6/2/2008
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	4
				Owner:	
				Street Name:	RICHMOND OAKS LOT 62
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	022
				Concession:	04
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

Bore Hole Information					
Bore Hole ID:	1001605327			Elevation:	94.104293
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433548
Code OB Desc:				North83:	5004539
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	5/2/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001683043			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001683045			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		8.83			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001683044			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		77			
Other Materials:		LOOSE			
Mat3:					
Other Materials:					
Formation Top Depth:		3.65			
Formation End Depth:		8.83			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001683047			
Layer:		1			
Plug From:		10.66			
Plug To:		0			
Plug Depth UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1001683041
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1001683049
Layer:
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 10.66
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1001683050
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001683042
Pump Set At: 45.71
Static Level: 0
Final Level After Pumping: 28.56
Recommended Pump Depth: 30.47
Pumping Rate: 54.6
Flowing Rate: 13.65
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 4
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: Y

Draw Down & Recovery

Pump Test Detail ID: 1001683056

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Type:		Recovery			
Test Duration:		3			
Test Level:		20.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683058			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		18.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683067			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		19.19			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683070			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		23.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683053			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683054			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683062			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		6.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683063			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15.52			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683065			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		17.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683051			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683055			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683060			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		15.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683069			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		22.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683064			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		1.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683066			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683057			
Test Type:		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		4			
Test Level:		7.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683061			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		13.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683068			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683071			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683052			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		25.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001683059			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.78			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001683048			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001683046			
Diameter:		15.07			
Depth From:					
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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WWIS	73	2 of 2	S/136.5	95.9 / 1.00	lot 21 con 3 ON
Well ID:	1502411			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/8/1959
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
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:	10024454	Elevation:	96.303039
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	432990.7
Code OB Desc:	Bedrock	North83:	5003842
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	6/8/1959	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930994454
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	55
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Formation ID:		930994453			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573024			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930041677			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930041676			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502411			
Pump Set At:					
Static Level:		-2			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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:		Y			
<u>Water Details</u>					
Water ID:		933455194			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55			
Water Found Depth UOM:		ft			

WWIS	74	1 of 1	SE/139.2	94.9 / 0.00	RICHMOND ON
Well ID:	7218691				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z172508				
Tag:	A123453				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	3/31/2014				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 6 RICHMOND OAKS				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1004728035				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	8/19/2013				
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation:				95.007186	
Elevrc:					
Zone:				18	
East83:				433329	
North83:				5004024	
Org CS:				UTM83	
UTMRC:				4	
UTMRC Desc:				margin of error : 30 m - 100 m	
Location Method:				wwr	

Overburden and Bedrock

Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1005111359			
		1			
		6			
		BROWN			
		05			
		CLAY			
		0			
		3.65			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1005111360			
		2			
		2			
		GREY			
		05			
		CLAY			
		12			
		STONES			
		3.65			
		10.97			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1005111362			
		4			
		2			
		GREY			
		18			
		SANDSTONE			
		42.66			
		52.72			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1005111361			
		3			
		2			
		GREY			
		15			
		LIMESTONE			
		10.97			
		42.66			
		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005111385			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1005111357			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005111367			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005111368			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1005111358			
Pump Set At:		22.85			
Static Level:		0			
Final Level After Pumping:		0.95			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		45.5			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		N			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111375			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111373			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111376			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111377			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.92			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111369			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111371			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005111372			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.84			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111379			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	0.9			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111382			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	0.89			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111378			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	0.91			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111380			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	0.92			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111370			
	Test Type:	Recovery			
	Test Duration:	1			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111381			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	0.9			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005111374			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	0.85			
	Test Level UOM:	m			
<u>Water Details</u>					
	Water ID:	1005111366			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.81			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1005111365			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005111364			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		52.72			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005111363			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	75	1 of 1	NNE/141.4	94.9 / 0.00	STITTSVILLE ON
Well ID:	7299426				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z256740				
Tag:	A200021				
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:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1006804231				
DP2BR:					
Spatial Status:					
Code OB:					
Data Entry Status:					
Data Src:					
Date Received:					11/17/2017
Selected Flag:					Yes
Abandonment Rec:					
Contractor:					1558
Form Version:					7
Owner:					
Street Name:					LOT 28 BALD EAGLE
County:					OTTAWA-CARLETON
Municipality:					RICHMOND VILLAGE (GOULBOURN)
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					18
UTM Reliability:					
Elevation:					94.722465
Elevrc:					
Zone:					18
East83:					433248

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Code OB Desc:				North83:	5004903
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	7/26/2017			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1007040640
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:
Other Materials:
Formation Top Depth: 11.27
Formation End Depth: 53.33
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1007040639
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 3.96
Formation End Depth: 11.27
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1007040638
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		1007040665			
		1			
		0			
		m			
<u>Method of Construction & Well Use</u>					
		2			
		Rotary (Convent.)			
		AIR PERCUSSION			
<u>Pipe Information</u>					
		1007040636			
		0			
<u>Construction Record - Casing</u>					
		1007040646			
		2			
		1			
		STEEL			
		-0.45			
		14.02			
		15.86			
		cm			
		m			
<u>Construction Record - Casing</u>					
		1007040645			
		1			
		4			
		OPEN HOLE			
		0			
		14.02			
		27.13			
		cm			
		m			
<u>Construction Record - Screen</u>					
		1007040647			
		m			
		cm			
<u>Results of Well Yield Testing</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test ID:		1007040637			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		1.73			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		36.4			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040657			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.7			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040659			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.71			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040652			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.4			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040656			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.7			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040660			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.72			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1007040649			
Test Type:		Recovery			
Test Duration:		1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.21			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040651			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.01			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040654			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.71			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040653			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.5			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040655			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		1.71			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040658			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		1.71			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040661			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		1.73			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1007040662			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		1.73			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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Pump Test Detail ID: 1007040648
Test Type: Draw Down
Test Duration: 1
Test Level: 0.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1007040650
Test Type: Draw Down
Test Duration: 2
Test Level: 1.2
Test Level UOM: m

Water Details

Water ID: 1007040643
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 45.41
Water Found Depth UOM: m

Water Details

Water ID: 1007040644
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 50.89
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1007040642
Diameter: 15.23
Depth From: 42.02
Depth To: 53.33
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1007040641
Diameter: 15.86
Depth From: 0
Depth To: 14.02
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS **76** **1 of 1** **NE/144.3** **94.9 / 0.00** **RICHMOND ON**

<i>Well ID:</i> 7233559	<i>Data Entry Status:</i>
<i>Construction Date:</i>	<i>Data Src:</i>
<i>Primary Water Use:</i> Domestic	<i>Date Received:</i> 12/12/2014
<i>Sec. Water Use:</i>	<i>Selected Flag:</i> Yes
<i>Final Well Status:</i> Water Supply	<i>Abandonment Rec:</i>
<i>Water Type:</i>	<i>Contractor:</i> 1558
<i>Casing Material:</i>	<i>Form Version:</i> 7
<i>Audit No:</i> Z188585	<i>Owner:</i>

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		A149032			
Tag:				Street Name:	LOT 20 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1005257274	Elevation:	94.199287
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433360
Code OB Desc:		North83:	5004775
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	7/8/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1005459097
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	3.96
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1005459098
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.96
Formation End Depth:	10.97
Formation End Depth UOM:	m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
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**Overburden and Bedrock
Materials Interval**

Formation ID: 1005459099
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.97
Formation End Depth: 53.33
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1005459144
Layer: 1
Plug From: 13.1
Plug To: 0
Plug Depth UOM: m

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 1005459095
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005459104
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: 0.45
Depth To: 13.1
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005459105
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1005459096
Pump Set At: 22.85
Static Level: 0
Final Level After Pumping: 0.9
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate: 45.5
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 1005459114
Test Type: Draw Down
Test Duration: 5
Test Level: 0.87
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005459115
Test Type: Recovery
Test Duration: 5
Test Level: 0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005459118
Test Type: Draw Down
Test Duration: 15
Test Level: 0.87
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005459122
Test Type: Draw Down
Test Duration: 25
Test Level: 0.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1005459125
Test Type: Recovery
Test Duration: 30
Test Level: 0
Test Level UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459126			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459113			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459117			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459108			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459110			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459129			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459106			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459107			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459112			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459116			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459124			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459127			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459128			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459131			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459109			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459111			
	Test Type:	Recovery			
	Test Duration:	3			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459123			
	Test Type:	Recovery			
	Test Duration:	25			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459130			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	0.9			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459119			
	Test Type:	Recovery			
	Test Duration:	15			
	Test Level:	0			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459120			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	0.88			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459121			
	Test Type:	Recovery			
	Test Duration:	20			
	Test Level:	0			
	Test Level UOM:	m			
<u>Water Details</u>					
	Water ID:	1005459103			
	Layer:	2			
	Kind Code:	8			
	Kind:	Untested			
	Water Found Depth:	51.81			
	Water Found Depth UOM:	m			
<u>Water Details</u>					
	Water ID:	1005459102			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<hr/>					
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005459100			
Diameter:		15.55			
Depth From:		13.1			
Depth To:		53.33			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005459101			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
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WWIS	<u>77</u>	1 of 1	NE/145.9	94.9 / 0.00	lot 23 con 3 RICHMOND ON
Well ID:	7124491			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	6/23/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095311			Owner:	
Tag:	A068293			Street Name:	LOT 39 - RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1002489054			Elevation:	94.397171
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433434
Code OB Desc:				North83:	5004690
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	5/5/2009			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002550591			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		4.26			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002550590			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		1.82			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002550592			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		10.97			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002550589			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Mat2:		12			
Other Materials:		STONES			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002550595			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
 <u>Pipe Information</u>					
Pipe ID:		1002550587			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1002550597			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.48			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1002550598			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1002550588			
Pump Set At:		15.23			
Static Level:					
Final Level After Pumping:		7.59			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		13.65			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002550600			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		4.52			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002550602			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		2.42			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002550611			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		7.52			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002550610			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		7.47			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002550612			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		7.57			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002550614			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		7.59			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550599			
	Test Type:	Draw Down			
	Test Duration:	1			
	Test Level:	1.95			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550603			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	4.05			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550605			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	4.87			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550601			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	3.14			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550608			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	7.22			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550606			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	5.28			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550609			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	7.4			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1002550613			
	Test Type:	Draw Down			
	Test Duration:	50			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level:		7.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002550604			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		1.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002550607			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		6.77			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002550596			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002550593			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002550594			
Diameter:		15.55			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

.....	78	1 of 1	NE/149.3	94.9 / 0.00	RICHMOND ON
WWIS					
Well ID:	7243381				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z188523				
Tag:	A165066				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Data Entry Status:					
Data Src:					
Date Received:	6/25/2015				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	CEDARSTONE ST. LOT 21				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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:	1005438511	Elevation:	94.468017
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433337
Code OB Desc:		North83:	5004810
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/20/2015	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1005666012
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0.6
Formation End Depth:	4.26
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1005666013
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	4.26
Formation End Depth:	11.27
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID: 1005666011					
Layer: 1					
Color: 6					
General Color: BROWN					
Mat1: 02					
Most Common Material: TOPSOIL					
Mat2:					
Other Materials:					
Mat3: 77					
Other Materials: LOOSE					
Formation Top Depth: 0					
Formation End Depth: 0.6					
Formation End Depth UOM: m					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 1005666014					
Layer: 4					
Color: 2					
General Color: GREY					
Mat1: 18					
Most Common Material: SANDSTONE					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 11.27					
Formation End Depth: 45.1					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1005666048					
Layer: 1					
Plug From: 13.1					
Plug To: 0					
Plug Depth UOM: m					
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code: 2					
Method Construction: Rotary (Convent.)					
Other Method Construction: AIR PERCUSSION					
<u>Pipe Information</u>					
Pipe ID: 1005666009					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1005666018					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From: -0.45					
Depth To: 13.1					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005666019			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1005666010			
Pump Set At:		22.85			
Static Level:					
Final Level After Pumping:		0.83			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		45.5			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666023			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666029			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666030			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666037			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666041			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666042			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0.83			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666022			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.72			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666027			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666031			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666043			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005666021			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666032			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.81			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666035			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666040			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666020			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666024			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666034			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666044			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666025			
Test Type:		Recovery			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		3			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666026			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666028			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666033			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666036			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666038			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.81			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666039			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005666045			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Water Details</u>					
Water ID:		1005666017			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005666016			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005666015			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	79	1 of 1	NNE/149.7	94.9 / 0.00	RICHMOND ON
Well ID:	7233571				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z188572				
Tag:	A123496				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	12/12/2014				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 25 RICHMOND OAKS				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

<u>Bore Hole Information</u>					
Bore Hole ID:	1005257409				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	8/22/2014				
Remarks:					
Elevrc Desc:					
Elevation:	94.575012				
Elevrc:					
Zone:	18				
East83:	433286				
North83:	5004871				
Org CS:	UTM83				
UTMRC:	4				
UTMRC Desc:	margin of error : 30 m - 100 m				
Location Method:	wwr				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005459638			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005459643			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		11.27			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005459640			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005459685			
Layer:		1			
Plug From:		13.1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1005459630			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005459655			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005459659			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1005459632			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		0.65			
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		22.75			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		N			

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005459664			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459673			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459674			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459681			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459672			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459678			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459680			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459663			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.43			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459668			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459677			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459666			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459670			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459676			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459679			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.63			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005459652			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.19			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID: 1005459647					
Diameter: 15.23					
Depth From: 13.1					
Depth To: 45.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1005459645					
Diameter: 15.86					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	80	1 of 2	ENE/150.1	94.9 / 0.00	RICHMOND ON
Well ID: 7121452					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: Z84478					
Tag: A051597					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received: 4/6/2009					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1558					
Form Version: 7					
Owner:					
Street Name: RICHMOND OAKS LOT 38					
County: OTTAWA-CARLETON					
Municipality: RICHMOND VILLAGE (GOULBOURN)					
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

<u>Bore Hole Information</u>					
Bore Hole ID: 1002038256					
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed: 1/30/2009					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation: 94.454345					
Elevrc:					
Zone: 18					
East83: 433466					
North83: 5004658					
Org CS: UTM83					
UTMRC: 3					
UTMRC Desc: margin of error : 10 - 30 m					
Location Method: wwr					

<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002519154					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002519155			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.65			
Formation End Depth:		10.66			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002519156			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		78			
Other Materials:		MEDIUM-GRAINED			
Formation Top Depth:		10.66			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002519159			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Pipe Information</u>					
Pipe ID:		1002519152			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002519161			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002519162			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002519153			
Pump Set At:		22.85			
Static Level:		0			
Final Level After Pumping:		5.54			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519173			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519167			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		3.37			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519175			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		5.54			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519176			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		5.57			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519165			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		2.7			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519169			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		4.23			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519164			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		2.82			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519168			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		3.92			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002519174			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		5.49			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519163			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519166			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519171			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519172			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519170			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002519177			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5.54			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002519160			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002519158			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<i>Diameter:</i>		15.39			
<i>Depth From:</i>		13.1			
<i>Depth To:</i>		45.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
 <u>Hole Diameter</u>					
<i>Hole ID:</i>		1002519157			
<i>Diameter:</i>		15.86			
<i>Depth From:</i>		0			
<i>Depth To:</i>		13.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

WWIS	80	2 of 2	ENE/150.1	94.9 / 0.00	lot 22 con 4 RICHMOND ON
<i>Well ID:</i>	7127130			<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	
<i>Primary Water Use:</i>	Domestic			<i>Date Received:</i>	8/10/2009
<i>Sec. Water Use:</i>				<i>Selected Flag:</i>	Yes
<i>Final Well Status:</i>	Water Supply			<i>Abandonment Rec:</i>	
<i>Water Type:</i>				<i>Contractor:</i>	1558
<i>Casing Material:</i>				<i>Form Version:</i>	7
<i>Audit No:</i>	Z095271			<i>Owner:</i>	
<i>Tag:</i>	A076816			<i>Street Name:</i>	RICHMOND OAKS LOT 36
<i>Construction Method:</i>				<i>County:</i>	OTTAWA-CARLETON
<i>Elevation (m):</i>				<i>Municipality:</i>	GOULBOURN TOWNSHIP
<i>Elevation Reliability:</i>				<i>Site Info:</i>	
<i>Depth to Bedrock:</i>				<i>Lot:</i>	022
<i>Well Depth:</i>				<i>Concession:</i>	04
<i>Overburden/Bedrock:</i>				<i>Concession Name:</i>	CON
<i>Pump Rate:</i>				<i>Easting NAD83:</i>	
<i>Static Water Level:</i>				<i>Northing NAD83:</i>	
<i>Flowing (Y/N):</i>				<i>Zone:</i>	
<i>Flow Rate:</i>				<i>UTM Reliability:</i>	
<i>Clear/Cloudy:</i>					

Bore Hole Information

<i>Bore Hole ID:</i>	1002632070			<i>Elevation:</i>	94.457138
<i>DP2BR:</i>				<i>Elevrc:</i>	
<i>Spatial Status:</i>				<i>Zone:</i>	18
<i>Code OB:</i>				<i>East83:</i>	433467
<i>Code OB Desc:</i>				<i>North83:</i>	5004658
<i>Open Hole:</i>				<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	4
<i>Date Completed:</i>	6/8/2009			<i>UTMRC Desc:</i>	margin of error : 30 m - 100 m
<i>Remarks:</i>				<i>Location Method:</i>	wwr
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					

**Overburden and Bedrock
Materials Interval**

<i>Formation ID:</i>	1002654444
<i>Layer:</i>	1
<i>Color:</i>	6

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
General Color: BROWN					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 12					
Other Materials: STONES					
Mat3: 79					
Other Materials: PACKED					
Formation Top Depth: 0					
Formation End Depth: 4.26					
Formation End Depth UOM: m					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002654445					
Layer: 2					
Color: 2					
General Color: GREY					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 12					
Other Materials: STONES					
Mat3: 86					
Other Materials: STICKY					
Formation Top Depth: 4.26					
Formation End Depth: 10.36					
Formation End Depth UOM: m					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002654446					
Layer: 3					
Color: 2					
General Color: GREY					
Mat1: 15					
Most Common Material: LIMESTONE					
Mat2: 18					
Other Materials: SANDSTONE					
Mat3: 74					
Other Materials: LAYERED					
Formation Top Depth: 10.36					
Formation End Depth: 45.1					
Formation End Depth UOM: m					
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1002654449					
Layer: 1					
Plug From: 13.1					
Plug To: 0					
Plug Depth UOM: m					
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code: 5					
Method Construction: Air Percussion					
Other Method Construction: ROTARY AIR					
 <u>Pipe Information</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pipe ID:</i>		1002654442			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1002654451			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1002654452			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1002654443			
<i>Pump Set At:</i>		22.85			
<i>Static Level:</i>		-0.4			
<i>Final Level After Pumping:</i>		2.9			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		13.65			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002654456			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.18			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1002654458			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.55			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654460			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654462			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654453			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654454			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654466			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654461			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654463			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1002654465			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654455			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654459			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654464			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654457			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.42			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002654450			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002654448			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002654447			
Diameter:		15.86			
Depth From:		0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>81</u>	1 of 1	NNE/151.1	94.9 / 0.00	lot 23 con 4 ON
Well ID:	7317798			Data Entry Status:	Yes
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	8/27/2018
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z256824			Owner:	
Tag:	A225514			Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1007273529			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433270
Code OB Desc:				North83:	5004892
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/21/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

WWIS	<u>82</u>	1 of 1	ENE/152.8	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7053584			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	12/10/2007
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z60357			Owner:	
Tag:	A065653			Street Name:	L-34 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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:	23053584	Elevation:	94.255241
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433497
Code OB Desc:		North83:	5004626
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/12/2007	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1001507138
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.82
Formation End Depth:	4.26
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001507139
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	4.26
Formation End Depth:	10.05
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1001507137
Layer:	1

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Other Materials:		STONES			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001507140			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		10.05			
Formation End Depth:		47.24			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001507142			
Layer:		1			
Plug From:		11.88			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1001507135			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001507144			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001507145			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001507136			
Pump Set At:		22.85			
Static Level:		0.63			
Final Level After Pumping:		2.51			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507156			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507157			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507159			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507163			
Test Type:		Draw Down			
Test Duration:		50			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		2.53			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507146			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.75			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507151			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.69			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507152			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		2.29			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507160			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		2.49			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507147			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.93			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507162			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		2.49			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507164			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		2.51			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1001507149			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507153			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507154			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507155			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507158			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507161			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507148			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507150			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2.21			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001507143			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		45.41			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001507141			
Diameter:		15.39			
Depth From:					
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	83	1 of 1	ENE/153.1	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7039646				
Construction Date:					
Primary Water Use:	Domestic				Date Received: 1/25/2007
Sec. Water Use:					Selected Flag: Yes
Final Well Status:	Water Supply				Abandonment Rec: 1558
Water Type:					Contractor: 1558
Casing Material:					Form Version: 3
Audit No:	Z58736				Owner:
Tag:	A051556				Street Name: LOT 53, RICHMOND OAKS
Construction Method:					County: OTTAWA-CARLETON
Elevation (m):					Municipality: GOULBOURN TOWNSHIP
Elevation Reliability:					Site Info:
Depth to Bedrock:					Lot: 022
Well Depth:					Concession: 04
Overburden/Bedrock:					Concession Name: CON
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:	11762150	Elevation:	94.335975
DP2BR:	33	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433560
Code OB Desc:	Bedrock	North83:	5004552
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	12/21/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	933087938			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	10.05			
	Formation End Depth:	41.14			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	933087937			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	3.96			
	Formation End Depth:	10.05			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	933087939			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	18			
	Most Common Material:	SANDSTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	41.14			
	Formation End Depth:	53.33			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	933087936			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	0			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Formation End Depth:</i>		3.96			
<i>Formation End Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		5			
<i>Method Construction:</i>		Air Percussion			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		11769630			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930894444			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>		11.88			
<i>Depth To:</i>		15.23			
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930894443			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		11.88			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		11776528			
<i>Pump Set At:</i>		30.47			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		7.65			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		18.2			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>					
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>					

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11789622			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		7.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789614			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789616			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789621			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		7.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789968			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789613			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		2.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789624			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		7.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789625			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		7.63			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789626			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		7.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789965			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789966			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789618			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		5.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789620			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		6.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789964			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11789615			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		1.19			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Pump Test Detail ID:</u> 11789617					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 5					
<u>Test Level:</u> 0.52					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 11789623					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 30					
<u>Test Level:</u> 7.48					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 11789967					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 2					
<u>Test Level:</u> 3.42					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 11789619					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 10					
<u>Test Level:</u> 0					
<u>Test Level UOM:</u> m					
<u>Water Details</u>					
<u>Water ID:</u> 934083231					
<u>Layer:</u> 1					
<u>Kind Code:</u>					
<u>Kind:</u>					
<u>Water Found Depth:</u> 50.59					
<u>Water Found Depth UOM:</u> m					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 11848103					
<u>Diameter:</u> 22.75					
<u>Depth From:</u> 0					
<u>Depth To:</u> 11.88					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 11848104					
<u>Diameter:</u> 15.23					
<u>Depth From:</u> 11.88					
<u>Depth To:</u> 53.33					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					

WWIS

84

1 of 1

NNE/153.4

94.9 / 0.00

lot 23 con 4
ON

Well ID:

7317799

Data Entry Status:

Yes

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Construction Date:			Data Src:		
Primary Water Use:			Date Received: 8/27/2018		
Sec. Water Use:			Selected Flag: Yes		
Final Well Status:			Abandonment Rec:		
Water Type:			Contractor: 1558		
Casing Material:			Form Version: 7		
Audit No: Z256821			Owner:		
Tag: A225496			Street Name:		
Construction Method:			County: OTTAWA-CARLETON		
Elevation (m):			Municipality: GOULBOURN TOWNSHIP		
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot: 023		
Well Depth:			Concession: 04		
Overburden/Bedrock:			Concession Name: CON		
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:	1007273535	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433306
Code OB Desc:		North83:	5004853
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/25/2018	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

WWIS	85	1 of 1	ENE/156.1	94.9 / 0.00	RICHMOND ON
Well ID:	1536306	Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use:	Domestic	Date Received:	4/19/2006		
Sec. Water Use:		Selected Flag:	Yes		
Final Well Status:	Water Supply	Abandonment Rec:			
Water Type:		Contractor:	1558		
Casing Material:		Form Version:	3		
Audit No:	Z39261	Owner:			
Tag:	A035419	Street Name:	LOT 28, RICHMOND OAKS		
Construction Method:		County:	OTTAWA-CARLETON		
Elevation (m):		Municipality:	RICHMOND VILLAGE (GOULBOURN)		
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

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Bore Hole ID:	11550372			Elevation:	94.209335
DP2BR:	28			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433547
Code OB Desc:	Bedrock			North83:	5004572
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	3/9/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 933051390
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.65
Formation End Depth: 8.53
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933051391
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 8.53
Formation End Depth: 45.1
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933051389
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 0

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Formation End Depth:</i>		3.65			
<i>Formation End Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		4			
<i>Method Construction:</i>		Rotary (Air)			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		11559979			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930877714			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>		10.51			
<i>Depth To:</i>		45.1			
<i>Casing Diameter:</i>					
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930877713			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		10.51			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		11569424			
<i>Pump Set At:</i>		30.47			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		0			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		68.25			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11607155			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607158			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607165			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607174			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607163			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607164			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607168			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607171			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607172			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607176			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607177			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607178			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607166			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607162			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607159			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11607173			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607156			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607170			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607153			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607154			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607160			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607161			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11607167			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			

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

Pump Test Detail ID: 11607175
Test Type: Draw Down
Test Duration: 50
Test Level: 0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11607157
Test Type: Draw Down
Test Duration: 3
Test Level: 0
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11607169
Test Type: Draw Down
Test Duration: 25
Test Level: 0
Test Level UOM: m

Water Details

Water ID: 934074518
Layer: 1
Kind Code:
Kind:
Water Found Depth: 43.58
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11681065
Diameter: 22.75
Depth From: 0
Depth To: 10.51
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11681066
Diameter:
Depth From: 10.51
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>86</u>	1 of 1	NE/157.2	94.9 / 0.00	lot 22 con 4 RICHMOND ON
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Well ID: 7053603
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:

Data Entry Status:
Data Src:
Date Received: 12/10/2007
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing Material:				Form Version:	4
Audit No:	Z60356			Owner:	
Tag:	A065665			Street Name:	L-37 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	23053603	Elevation:	94.660835
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433453
Code OB Desc:		North83:	5004685
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/12/2007	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001507320
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	4.26
Formation End Depth:	10.05
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1001507318
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Other Materials:	STONES
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1.82			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1001507321			
		4			
		2			
		GREY			
		15			
		LIMESTONE			
		18			
		SANDSTONE			
		10.05			
		47.24			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1001507319			
		2			
		6			
		BROWN			
		05			
		CLAY			
		79			
		PACKED			
		1.82			
		4.26			
		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		1001507323			
		1			
		11.88			
		0			
		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
		5			
		Air Percussion			
<u>Pipe Information</u>					
		1001507316			
		0			
<u>Construction Record - Casing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		1001507325			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001507326			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001507317			
Pump Set At:		22.85			
Static Level:		0.71			
Final Level After Pumping:		2.35			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507332			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507334			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001507339			
Test Type:		Draw Down			
Test Duration:		25			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		2.35			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507336			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		2.34			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507327			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.84			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507330			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.74			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507342			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		2.36			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507333			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		2.27			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507340			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		2.35			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507338			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		2.36			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test Detail ID:</i>		1001507329			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		2.14			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507335			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.3			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507343			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		2.35			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507328			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.8			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507331			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.23			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507337			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		2.35			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1001507341			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		2.34			
<i>Test Level UOM:</i>		m			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1001507324			
<i>Layer:</i>		1			
<i>Kind Code:</i>					
<i>Kind:</i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water Found Depth:		45.41			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001507322			
Diameter:		15.39			
Depth From:					
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>87</u>	1 of 1	NE/162.3	94.9 / 0.00	RICHMOND ON
Well ID:	7287168			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/25/2017
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z226839			Owner:	
Tag:	A165078			Street Name:	186 CEDARSTONE STREET LOT 39
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1006477750			Elevation:	94.374824
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433392
Code OB Desc:				North83:	5004765
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/17/2016			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	1006740797
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006740799			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10.97			
Formation End Depth:		48.76			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006740800			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		48.76			
Formation End Depth:		60.95			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1006740798			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1006740836			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Layer:</i>		1			
<i>Plug From:</i>		13.1			
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>		AIR PERCUSSION			
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1006740795			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1006740806			
<i>Layer:</i>		2			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1006740805			
<i>Layer:</i>		1			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>		0			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		27.13			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1006740807			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1006740796			
<i>Pump Set At:</i>		30.47			
<i>Static Level:</i>		0.87			
<i>Final Level After Pumping:</i>		3.31			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006740809			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.6			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006740813			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006740817			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006740819			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006740829			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1006740808			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.84			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740810			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	2.2			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740811			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	1			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740823			
	Test Type:	Recovery			
	Test Duration:	20			
	Test Level:	0.88			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740830			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	3.3			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740831			
	Test Type:	Recovery			
	Test Duration:	50			
	Test Level:	0.88			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740815			
	Test Type:	Recovery			
	Test Duration:	4			
	Test Level:	0.88			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740818			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	3.1			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1006740825			
	Test Type:	Recovery			
	Test Duration:	25			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740816			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.8			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740822			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		3.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740832			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		3.31			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740812			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.52			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740824			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		3.27			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740826			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		3.29			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740827			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test Detail ID:</i>		1006740833			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740820			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		3.2			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740828			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		3.3			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740814			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		2.7			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1006740821			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.88			
<i>Test Level UOM:</i>		m			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1006740804			
<i>Layer:</i>		2			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		58.51			
<i>Water Found Depth UOM:</i>		m			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1006740803			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		45.1			
<i>Water Found Depth UOM:</i>		m			
 <i><u>Hole Diameter</u></i>					
<i>Hole ID:</i>		1006740801			
<i>Diameter:</i>		15.86			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
 <u>Hole Diameter</u>					
Hole ID: 1006740802					
Diameter: 15.23					
Depth From: 13.1					
Depth To: 60.95					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	88	1 of 1	ENE/163.8	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	1536620			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/25/2006
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z47007			Owner:	
Tag:	A041900			Street Name:	LOT 64 ROCHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11550686			Elevation:	94.542137
DP2BR:	31			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433579
Code OB Desc:	Bedrock			North83:	5004546
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	7/11/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	933066981
Layer:	1
Color:	6
General Color:	BROWN

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933066984			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		43.27			
Formation End Depth:		52.72			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933066982			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.96			
Formation End Depth:		9.44			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		933066983			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9.44			
Formation End Depth:		43.27			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Plug ID:		933300331			
Layer:		1			
Plug From:		11.88			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11560293			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930885050			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		11.88			
Depth To:		52.72			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930885049			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.6			
Depth To:		11.88			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11569620			
Pump Set At:		30.47			
Static Level:		0			
Final Level After Pumping:		10.68			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		9.1			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668713			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668717			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668723			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		8.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669112			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668714			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		6.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668715			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668722			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11668720			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		1.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669109			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		9.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669110			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		10.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669113			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		10.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669115			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		10.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669111			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		10.19			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11669114			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		10.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668721			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.51			
Test Level UOM:		m			

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

Pump Test Detail ID: 11668716
Test Type: Recovery
Test Duration: 2
Test Level: 4.79
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11668718
Test Type: Recovery
Test Duration: 3
Test Level: 3.11
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11668719
Test Type: Draw Down
Test Duration: 4
Test Level: 5.69
Test Level UOM: m

Water Details

Water ID: 934079357
Layer: 1
Kind Code:
Kind:
Water Found Depth: 51.2
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11681414
Diameter: 22.25
Depth From: 0
Depth To: 11.88
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11681415
Diameter: 15.23
Depth From: 11.88
Depth To: 52.72
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>89</u>	1 of 2	NE/168.0	94.9 / 0.00	RICHMOND ON
Well ID:	7224651			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	7/29/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Observation Wells			Abandonment Rec:	
Water Type:				Contractor:	1844

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing Material:				Form Version:	7
Audit No:	Z171297			Owner:	
Tag:	A147994			Street Name:	188 CEDARSTONE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
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:	1004981061	Elevation:	94.343276
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433391
Code OB Desc:		North83:	5004775
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	2/26/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1005254508
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	84
Other Materials:	SILTY
Mat3:	92
Other Materials:	WEATHERED
Formation Top Depth:	2.13
Formation End Depth:	
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1005254507
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0.99

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		2.13			
		m			
<u>Overburden and Bedrock Materials Interval</u>					
		1005254506			
		1			
		2			
		GREY			
		01			
		FILL			
		0			
		0.99			
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
		1005254515			
		1			
		0.15			
		1.5			
		m			
<u>Method of Construction & Well Use</u>					
		D			
		Direct Push			
<u>Pipe Information</u>					
		1005254505			
		0			
<u>Construction Record - Casing</u>					
		1005254511			
		1			
		5			
		PLASTIC			
		0			
		1.85			
		3.18			
		cm			
		m			
<u>Construction Record - Screen</u>					
		1005254512			
		1			
		10			
		1.85			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Screen End Depth:		4.87			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		3.89			
<u>Water Details</u>					
Water ID:		1005254510			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		2.5			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005254509			
Diameter:		8.89			
Depth From:		0			
Depth To:		4.87			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	89	2 of 2	NE/168.0	94.9 / 0.00	RICHMOND ON
Well ID:	7224656			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Monitoring			Date Received:	7/29/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1844
Casing Material:				Form Version:	7
Audit No:	Z171301			Owner:	
Tag:	A147994			Street Name:	188 CEDARSTONE
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:	1004981435			Elevation:	94.343276
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433391
Code OB Desc:				North83:	5004775
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/23/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Source Revision Comment:					
Supplier Comment:					
<u>Pipe Information</u>					
Pipe ID:		1005254556			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005254560			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005254561			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Hole Diameter</u>					
Hole ID:		1005254558			
Diameter:		8.89			
Depth From:		0			
Depth To:		4.87			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	90	1 of 1	NE/168.6	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7187405				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z139791				
Tag:	A123519				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
				Data Entry Status:	
				Data Src:	
				Date Received:	9/20/2012
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	7
				Owner:	
				Street Name:	RICHMOND OAKS LOT 40
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	023
				Concession:	04
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	1004158026	Elevation:	94.602355
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433407
Code OB Desc:		North83:	5004757
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	7/5/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1004409223
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	78
Other Materials:	MEDIUM-GRAINED
Formation Top Depth:	10.97
Formation End Depth:	52.72
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004409221
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.96
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004409222
Layer:	2
Color:	2
General Color:	GREY

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004409252			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004409219			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004409227			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004409228			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004409220			
Pump Set At:		30.47			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		Static Level:	1.05		
		Final Level After Pumping:	4.64		
		Recommended Pump Depth:	22.85		
		Pumping Rate:	54.6		
		Flowing Rate:			
		Recommended Pump Rate:	45.5		
		Levels UOM:	m		
		Rate UOM:	LPM		
		Water State After Test Code:	1		
		Water State After Test:	CLEAR		
		Pumping Test Method:	0		
		Pumping Duration HR:	1		
		Pumping Duration MIN:			
		Flowing:			
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1004409234		
		Test Type:	Recovery		
		Test Duration:	3		
		Test Level:	1.26		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1004409235		
		Test Type:	Draw Down		
		Test Duration:	4		
		Test Level:	2.64		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1004409243		
		Test Type:	Draw Down		
		Test Duration:	20		
		Test Level:	4.46		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1004409247		
		Test Type:	Draw Down		
		Test Duration:	40		
		Test Level:	4.62		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1004409248		
		Test Type:	Draw Down		
		Test Duration:	50		
		Test Level:	4.63		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	1004409230		
		Test Type:	Recovery		
		Test Duration:	1		
		Test Level:	2.64		
		Test Level UOM:	m		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409246			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409232			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409237			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409240			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		1.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409229			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409239			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409245			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		4.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409249			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		4.64			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409233			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		2.62			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409241			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		4.34			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409244			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		1.32			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409231			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		2.61			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409238			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.22			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409242			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.25			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409236			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.22			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Water Details</u>					
Water ID:		1004409226			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.5			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004409224			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004409225			
Diameter:		15.55			
Depth From:		13.1			
Depth To:		52.72			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	91	1 of 1	S/175.3	96.6 / 1.69	lot 20 con 3 ON
Well ID:	1527342			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/10/1993
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:	76749			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	020
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
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:	10048998			Elevation:	96.55764
DP2BR:	14			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	432946.7
Code OB Desc:	Bedrock			North83:	5003823
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	7/26/1993			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
Elevrc Desc:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931066397			
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:		9			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931066398			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931066399			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		14			
Formation End Depth:		63			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Other Method Construction:

Pipe Information

Pipe ID: 10597568
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085547
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930085546
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527342
Pump Set At:
Static Level: 5
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934903121
Test Type: Recovery
Test Duration: 60
Test Level: 5
Test Level UOM: ft

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 934110184					
Test Type: Recovery					
Test Duration: 15					
Test Level: 5					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934385003					
Test Type: Recovery					
Test Duration: 30					
Test Level: 5					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934654746					
Test Type: Recovery					
Test Duration: 45					
Test Level: 5					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933486778					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 58					
Water Found Depth UOM: ft					

WWIS	93	1 of 1	ENE/184.2	94.9 / 0.00	lot 22 con 4 ON
Well ID:	1532032			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/18/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	230139			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10516482	Elevation:	94.335144
DP2BR:	30	Elevrc:	
Spatial Status:	Improved	Zone:	18
Code OB:	r	East83:	433620
Code OB Desc:	Bedrock	North83:	5004526
Open Hole:		Org CS:	N83

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Cluster Kind:				UTMRC:	3
Date Completed:	6/21/2001			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project				
Improvement Location Method:	GIS				
Source Revision Comment:	Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features),used road names and address				
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.				

**Overburden and Bedrock
Materials Interval**

Formation ID: 932831617
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 165
Formation End Depth: 225
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932831613
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: 2
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 932831615
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Materials Interval</u>					
Formation ID:		932831616			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		30			
Formation End Depth:		165			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932831614			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		2			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933219490			
Layer:		1			
Plug From:		0			
Plug To:		33			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065052			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930093945			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093946			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991532032			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		0			
Recommended Pump Depth:		30			
Pumping Rate:		100			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934659338			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934916643			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934398262			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		934115202			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		220			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008105			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		225			
Water Found Depth UOM:		ft			

WWIS	<u>94</u>	1 of 1	ENE/186.6	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	1535911				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	
Sec. Water Use:				Date Received:	10/24/2005
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z26081			Form Version:	3
Tag:	A026126			Owner:	
Construction Method:				Street Name:	LOT 22 RICHMOND OAKS
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	022
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

Bore Hole Information

Bore Hole ID:	11316450			Elevation:	94.235557
DP2BR:	32			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433554
Code OB Desc:	Bedrock			North83:	5004611
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/2/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	932997509
Layer:	1

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		6			
		BROWN			
		05			
		CLAY			
		12			
		STONES			
		01			
		FILL			
		0			
		1.82			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		932997512			
		4			
		2			
		GREY			
		15			
		LIMESTONE			
		9.75			
		33.52			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		932997511			
		3			
		2			
		GREY			
		05			
		CLAY			
		4.26			
		9.75			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		932997510			
		2			
		6			
		BROWN			
		05			
		CLAY			
		1.82			
		4.26			
		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11331305			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855903			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855904			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		33.52			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11345753			
Pump Set At:		22.85			
Static Level:		0			
Final Level After Pumping:		4.89			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474425			
Test Type:		Recovery			
Test Duration:		30			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.01			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474427			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.71			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474411			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		4.69			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474409			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		4.44			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474421			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		4.89			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474424			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.7			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474426			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		3.47			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474407			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.29			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11474410			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474416			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474406			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474408			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		4.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474412			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474413			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474417			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		4.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474420			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4.73			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474422			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474429			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474430			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474415			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		2.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474419			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		4.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474423			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474428			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		3.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 11474418					
Test Type: Recovery					
Test Duration: 40					
Test Level: 0					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 11474405					
Test Type: Recovery					
Test Duration: 5					
Test Level: 0.58					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 11474414					
Test Type: Draw Down					
Test Duration: 2					
Test Level: 2.36					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 934066351					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 30.78					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 11534052					
Diameter: 22.75					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 11534053					
Diameter: 15.07					
Depth From: 13.1					
Depth To: 33.52					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	<u>95</u>	1 of 1	E/191.4	92.9 / -2.00	lot 22 con 3 RICHMOND ON
Well ID:	7149243				
Construction Date:				Data Entry Status:	
Primary Water Use:				Data Src:	
Sec. Water Use:				Date Received:	8/4/2010
Final Well Status:	Abandoned-Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	Yes
Casing Material:				Contractor:	1558
Audit No:	Z101841			Form Version:	7
Tag:				Owner:	
Construction Method:				Street Name:	16 QUEEN CHAROLETTE ST.
				County:	OTTAWA-CARLETON

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
			Elevation (m):	Municipality:	GOULBOURN TOWNSHIP
			Elevation Reliability:	Site Info:	
			Depth to Bedrock:	Lot:	022
			Well Depth:	Concession:	03
			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:	1003262481	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	9
Cluster Kind:		UTMRC:	unknown UTM
Date Completed:	5/27/2010	UTMRC Desc:	
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment
Sealing Record**

Plug ID:	1003263054
Layer:	1
Plug From:	22.24
Plug To:	0
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1003263051
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003263056
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003263057
Layer:	
Slot:	
Screen Top Depth:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Screen End Depth:					
Screen Material:					
		m			
Screen Depth UOM:					
		cm			
Screen Diameter UOM:					
Screen Diameter:					
Hole Diameter					
Hole ID:					
		1003263053			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:					
		m			
Hole Diameter UOM:					
		cm			

WWIS	96	1 of 1	ENE/191.5	94.9 / 0.00	lot 11 con 4 RICHMOND ON
Well ID:	1535910				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z26082				
Tag:	A013652				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	10/24/2005				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	3				
Owner:					
Street Name:	LOT 23 RICHMOND OAKS				
County:	OTTAWA-CARLETON				
Municipality:	RICHMOND VILLAGE (GOULBOURN)				
Site Info:					
Lot:	011				
Concession:	04				
Concession Name:	CON				
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	11316449			Elevation:	94.397995
DP2BR:	31			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433568
Code OB Desc:	Bedrock			North83:	5004602
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/2/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID:	932997507
Layer:	3
Color:	2

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		4.26			
Formation End Depth:		9.44			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997505			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997508			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9.44			
Formation End Depth:		33.52			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997506			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.82			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Method of Construction & Well</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11331304			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855902			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		33.52			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930855901			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11345752			
Pump Set At:		22.85			
Static Level:		0			
Final Level After Pumping:		2.19			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		13.62			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474389			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.47			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474404			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474380			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474387			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474392			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474398			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474394			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474399			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11474400			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.16			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474388			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		1.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474395			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474379			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474390			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474391			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474396			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474401			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.19			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474402			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474384			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474393			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474397			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474382			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474381			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474383			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474385			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474386			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474403			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.14			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934066350			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		31.08			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11534051			
Diameter:		22.75			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11534050			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		33.52			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>97</u>	1 of 1	E/192.0	92.9 / -2.00	lot 22 con 3 RICHMOND ON
Well ID:	7149252				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z101834				
Tag:	A082836				
Construction Method:					
Elevation (m):					
				Data Entry Status:	
				Data Src:	
				Date Received:	8/4/2010
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	7
				Owner:	
				Street Name:	16 QUEEN CHARLOTTE ST.
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot: 022		
Well Depth:			Concession: 03		
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:	1003262499	Elevation:	94.432571
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433660
Code OB Desc:		North83:	5004257
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/26/2010	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1003263487
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.65
Formation End Depth:	7.31
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1003263488
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	7.31
Formation End Depth:	52.72
Formation End Depth UOM:	m

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	1003263486			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:	79			
	Other Materials:	PACKED			
	Formation Top Depth:	0			
	Formation End Depth:	3.65			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment Sealing Record</u>					
	Plug ID:	1003263491			
	Layer:	1			
	Plug From:	9.75			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	3			
	Method Construction:	Rotary (Reverse)			
	Other Method Construction:	AIR/ AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1003263484			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1003263494			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	9.75			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1003263495			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Results of Well Yield Testing

Pump Test ID: 1003263485
Pump Set At: 30.47
Static Level: 0.6
Final Level After Pumping: 7.09
Recommended Pump Depth: 30.47
Pumping Rate: 31.85
Flowing Rate: 4.5
Recommended Pump Rate: 31.85
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1003263500
Test Type: Draw Down
Test Duration: 3
Test Level: 2.92
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003263511
Test Type: Draw Down
Test Duration: 30
Test Level: 6.7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003263502
Test Type: Recovery
Test Duration: 4
Test Level: 2.02
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003263513
Test Type: Draw Down
Test Duration: 50
Test Level: 6.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003263514
Test Type: Draw Down
Test Duration: 60
Test Level: 7.05
Test Level UOM: m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1003263498			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.43			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263499			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		2.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263508			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263512			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263501			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263510			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263505			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263506			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.28			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263509			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		6.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263496			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263503			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		1.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263497			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		6.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263504			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003263507			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		6.27			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003263492			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		24.38			
Water Found Depth UOM:		m			
<u>Water Details</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Water ID: 1003263493
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 51.5
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003263490
Diameter: 15.23
Depth From: 9.75
Depth To: 52.72
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003263489
Diameter: 15.86
Depth From: 0
Depth To: 9.75
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	98	1 of 1	E/193.8	92.9 / -2.00	ON
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Well ID: 1515317
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: 5/6/1976
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10037274
DP2BR: 23
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 3/9/1976
Remarks:
Elevrc Desc:
Location Source Date:

Elevation: 94.449172
Elevrc:
Zone: 18
East83: 433662.6
North83: 5004258
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931028864					
Layer: 2					
Color: 2					
General Color: GREY					
Mat1: 15					
Most Common Material: LIMESTONE					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 23					
Formation End Depth: 74					
Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931028863					
Layer: 1					
Color: 2					
General Color: GREY					
Mat1: 05					
Most Common Material: CLAY					
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth: 0					
Formation End Depth: 23					
Formation End Depth UOM: ft					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code: 5					
Method Construction: Air Percussion					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 10585844					
Casing No: 1					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 930065821					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 26					
Casing Diameter: 6					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991515317			
<i>Pump Set At:</i>					
<i>Static Level:</i>		8			
<i>Final Level After Pumping:</i>		60			
<i>Recommended Pump Depth:</i>		60			
<i>Pumping Rate:</i>		4			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		3			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		2			
<i>Water State After Test:</i>		CLOUDY			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		N			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934376458			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934895461			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934646334			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934100118			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		60			
<i>Test Level UOM:</i>		ft			
<u>Water Details</u>					
<i>Water ID:</i>		933471378			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		55			
<i>Water Found Depth UOM:</i>		ft			

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

Water ID: 933471379
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 72
Water Found Depth UOM: ft

WWIS	99	1 of 1	E/197.0	94.2 / -0.72	ON
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Well ID: 1510180 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: 9/19/1969 Selected Flag: Yes Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: Street Name: County: OTTAWA-CARLETON Municipality: RICHMOND VILLAGE Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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Bore Hole Information

Bore Hole ID: 10032208 DP2BR: 25 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 9/2/1969 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Elevation: 94.743453 Elevrc: Zone: 18 East83: 433680.6 North83: 5004402 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4
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**Overburden and Bedrock
Materials Interval**

Formation ID: 931014120
Layer: 1
Color: 8
General Color: BLACK
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	25			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931014121			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	25			
	Formation End Depth:	52			
	Formation End Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	1			
	Method Construction:	Cable Tool			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10580778			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930057022			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:				
	Depth To:	30			
	Casing Diameter:	5			
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			
<u>Construction Record - Casing</u>					
	Casing ID:	930057023			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:	52			
	Casing Diameter:				
	Casing Diameter UOM:	inch			
	Casing Depth UOM:	ft			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510180			
Pump Set At:					
Static Level:		0			
Final Level After Pumping:		4			
Recommended Pump Depth:		10			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378987			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934640007			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934096808			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934896927			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		4			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933465121			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Well ID:	7233558			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	12/12/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z188584			Owner:	
Tag:	A149034			Street Name:	LOT 19 RICHMOND OAK
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1005257271	Elevation:	94.435264
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433394
Code OB Desc:		North83:	5004818
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	7/14/2014	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock
Materials Interval

Formation ID:	1005459058
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	10.97
Formation End Depth:	45.1
Formation End Depth UOM:	m

Overburden and Bedrock
Materials Interval

Formation ID:	1005459056
Layer:	1
Color:	6
General Color:	BROWN

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Other Materials:		PACKED			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1005459057			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.65			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1005459084			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1005459054			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005459062			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Construction Record - Screen</u>					
	Screen ID:	1005459063			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:				
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	1005459055			
	Pump Set At:	30.47			
	Static Level:	0			
	Final Level After Pumping:	3.84			
	Recommended Pump Depth:	15.23			
	Pumping Rate:	54.6			
	Flowing Rate:	45.5			
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	0			
	Pumping Duration HR:	1			
	Pumping Duration MIN:				
	Flowing:	N			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459068			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	2.65			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459079			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	3.81			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459066			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	2.3			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005459074			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	3.22			
	Test Level UOM:	m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459064			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459073			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459077			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459065			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		2.06			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459069			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.13			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459075			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459076			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459081			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.84			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459080			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.84			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459067			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459070			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459071			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459072			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005459078			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.78			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005459061			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Hole Diameter</u>					
Hole ID:		1005459060			
Diameter:		15.25			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005459059			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>101</u>	1 of 1	ENE/198.2	94.9 / 0.00	ON
Well ID:	1516897				
Construction Date:				Data Entry Status:	
Primary Water Use:	Industrial			Data Src:	1
Sec. Water Use:	0			Date Received:	2/23/1979
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:				Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	RICHMOND VILLAGE
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	
Overburden/Bedrock:				Concession:	
Pump Rate:				Concession Name:	
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

<u>Bore Hole Information</u>					
Bore Hole ID:	10038787			Elevation:	94.592613
DP2BR:	32			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433610.6
Code OB Desc:	Bedrock			North83:	5004562
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	1/10/1979			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		931033499			
		Formation ID:			
		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:	13		
		Formation End Depth UOM:	ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		931033501			
		Formation ID:			
		Layer:	3		
		Color:	2		
		General Color:	GREY		
		Mat1:	28		
		Most Common Material:	SAND		
		Mat2:	13		
		Other Materials:	BOULDERS		
		Mat3:	11		
		Other Materials:	GRAVEL		
		Formation Top Depth:	30		
		Formation End Depth:	32		
		Formation End Depth UOM:	ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		931033500			
		Formation ID:			
		Layer:	2		
		Color:	3		
		General Color:	BLUE		
		Mat1:	05		
		Most Common Material:	CLAY		
		Mat2:			
		Other Materials:			
		Mat3:			
		Other Materials:			
		Formation Top Depth:	13		
		Formation End Depth:	30		
		Formation End Depth UOM:	ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		931033503			
		Formation ID:			
		Layer:	5		
		Color:	2		
		General Color:	GREY		
		Mat1:	18		
		Most Common Material:	SANDSTONE		
		Mat2:			
		Other Materials:			
		Mat3:			
		Other Materials:			
		Formation Top Depth:	175		
		Formation End Depth:	210		

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931033502			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		32			
Formation End Depth:		175			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587357			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930068068			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930068069			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		210			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991516897			
Pump Set At:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Static Level:		0			
Final Level After Pumping:		60			
Recommended Pump Depth:		75			
Pumping Rate:		30			
Flowing Rate:		3			
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:		Y			

Draw Down & Recovery

Pump Test Detail ID: 934643122
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934102453
Test Type: Draw Down
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382033
Test Type: Draw Down
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901023
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933473279
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 205
Water Found Depth UOM: ft

WWIS **102** **1 of 1** **ENE/201.3** **94.9 / 0.00** **lot 22 con 4
RICHMOND ON**

Well ID: 1535040 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: Domestic **Date Received:** 10/14/2004

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z13751			Owner:	
Tag:	A013735			Street Name:	LOT 65 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11172792	Elevation:	94.621994
DP2BR:	33	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433602
Code OB Desc:	Bedrock	North83:	5004577
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/27/2004	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	932968820
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	10.06
Formation End Depth:	45.11
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	932968817
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	1.52			
	Formation End Depth:	3.96			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932968818			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	3.96			
	Formation End Depth:	9.14			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932968816			
	Layer:	1			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	0			
	Formation End Depth:	1.52			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932968819			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	81			
	Other Materials:	SANDY			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	9.14			
	Formation End Depth:	10.06			
	Formation End Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Method Construction:					
<u>Pipe Information</u>					
		Pipe ID:	11181311		
		Casing No:	1		
		Comment:			
		Alt Name:			
<u>Construction Record - Casing</u>					
		Casing ID:	930843067		
		Layer:	1		
		Material:	1		
		Open Hole or Material:	STEEL		
		Depth From:	-0.61		
		Depth To:	12.34		
		Casing Diameter:	15.86		
		Casing Diameter UOM:	cm		
		Casing Depth UOM:	m		
<u>Results of Well Yield Testing</u>					
		Pump Test ID:	11189675		
		Pump Set At:	30.47		
		Static Level:	0		
		Final Level After Pumping:	3.46		
		Recommended Pump Depth:	22.85		
		Pumping Rate:	54.6		
		Flowing Rate:	11.37		
		Recommended Pump Rate:	45.5		
		Levels UOM:	m		
		Rate UOM:	LPM		
		Water State After Test Code:	1		
		Water State After Test:	CLEAR		
		Pumping Test Method:			
		Pumping Duration HR:	1		
		Pumping Duration MIN:	0		
		Flowing:			
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	11289867		
		Test Type:	Recovery		
		Test Duration:	1		
		Test Level:	2.01		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	11289873		
		Test Type:	Recovery		
		Test Duration:	4		
		Test Level:	0.11		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		Pump Test Detail ID:	11289877		
		Test Type:	Recovery		
		Test Duration:	10		
		Test Level:	0.04		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289879			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289885			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289870			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289883			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289868			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289878			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289881			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11289872			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289880			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289869			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289876			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289875			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.07			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289884			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		3.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289886			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289866			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.56			
Test Level UOM:		m			

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

Pump Test Detail ID: 11289871
Test Type: Recovery
Test Duration: 3
Test Level: 0.2
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11289874
Test Type: Draw Down
Test Duration: 5
Test Level: 3.02
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11289882
Test Type: Draw Down
Test Duration: 25
Test Level: 3.39
Test Level UOM: m

Water Details

Water ID: 934050503
Layer: 1
Kind Code:
Kind:
Water Found Depth: 42.67
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11305929
Diameter: 22.75
Depth From: 0
Depth To: 12.34
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11305928
Diameter: 15.23
Depth From: 12.34
Depth To: 45.11
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>103</u>	1 of 1	ENE/202.5	94.9 / 0.00	lot 21 con 4 RICHMOND ON
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Well ID: 1534682	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use: Domestic	Date Received: 6/24/2004
Sec. Water Use:	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 1558

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing Material:				Form Version:	3
Audit No:	Z07002			Owner:	
Tag:	A006992			Street Name:	LOT 66,RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	021
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11104948	Elevation:	94.513648
DP2BR:	32	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433585
Code OB Desc:	Bedrock	North83:	5004599
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	5/10/2004	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	932955377
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.52
Formation End Depth:	4.26
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	932955376
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1.52			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		932955379			
		4			
		2			
		GREY			
		15			
		LIMESTONE			
		9.75			
		52.73			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		932955378			
		3			
		2			
		GREY			
		05			
		CLAY			
		4.26			
		9.75			
		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		933248789			
		1			
		11.58			
		0			
		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
		4			
		Rotary (Air)			
<u>Pipe Information</u>					
		11109520			
		1			
<u>Construction Record - Casing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		930837505			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		11.58			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930837506			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		11.58			
Depth To:		52.73			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11117458			
Pump Set At:		45.72			
Static Level:					
Final Level After Pumping:		34.72			
Recommended Pump Depth:		45.72			
Pumping Rate:		45.5			
Flowing Rate:		0.91			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125784			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125790			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		21.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125792			
Test Type:		Draw Down			
Test Duration:		25			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		27.86			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125795			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		34.11			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125798			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		27.19			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125787			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		8.29			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125794			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		32.78			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125796			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		34.72			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125797			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		29.82			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11125799			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		24.71			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11125802			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		12.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125805			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		1.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125785			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125793			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125800			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		22.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125803			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		7.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125786			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		6.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125788			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		9.93			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125801			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		20.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125789			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		15.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125791			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		25.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11125804			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.51			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934046497			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		51.2			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11109518			
Diameter:		22.21			
Depth From:		0			
Depth To:		11.58			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11109519			
Diameter:		15.23			
Depth From:		11.58			
Depth To:		52.73			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

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

104

1 of 1

NE/203.1

94.9 / 0.00

RICHMOND ON

Well ID: 7187409

Construction Date:
Primary Water Use: Domestic

Sec. Water Use:
Final Well Status: Water Supply

Water Type:
Casing Material:

Audit No: Z139808

Tag: A123528

Construction Method:

Elevation (m):

Elevation Reliability:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Static Water Level:

Flowing (Y/N):

Flow Rate:

Clear/Cloudy:

Data Entry Status:

Data Src:

Date Received: 9/20/2012

Selected Flag: Yes

Abandonment Rec: 1558

Contractor:

Form Version: 7

Owner:

Street Name: RICHMOND OAKS PHASE IV LOT 40

County: OTTAWA-CARLETON

Municipality: GOULBOURN TOWNSHIP

Site Info:

Lot:

Concession:

Concession Name:

Easting NAD83:

Northing NAD83:

Zone:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 1004158038

DP2BR:

Spatial Status:

Code OB:

Code OB Desc:

Open Hole:

Cluster Kind:

Date Completed: 7/24/2012

Remarks:

Elevrc Desc:

Location Source Date:

Improvement Location Source:

Improvement Location Method:

Source Revision Comment:

Supplier Comment:

Elevation: 94.634735

Elevrc:

Zone: 18

East83: 433437

North83: 5004775

Org CS: UTM83

UTMRC: 4

UTMRC Desc: margin of error : 30 m - 100 m

Location Method: wwr

Overburden and Bedrock

Materials Interval

Formation ID: 1004409590

Layer: 2

Color: 2

General Color: GREY

Mat1: 05

Most Common Material: CLAY

Mat2:

Other Materials:

Mat3: 86

Other Materials: STICKY

Formation Top Depth: 3.65

Formation End Depth: 10.97

Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004409589

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Layer:</i>		1			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>		12			
<i>Other Materials:</i>		STONES			
<i>Mat3:</i>		79			
<i>Other Materials:</i>		PACKED			
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		3.65			
<i>Formation End Depth UOM:</i>		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1004409591			
<i>Layer:</i>		3			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>		18			
<i>Other Materials:</i>		SANDSTONE			
<i>Mat3:</i>		73			
<i>Other Materials:</i>		HARD			
<i>Formation Top Depth:</i>		10.97			
<i>Formation End Depth:</i>		52.72			
<i>Formation End Depth UOM:</i>		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1004409619			
<i>Layer:</i>		1			
<i>Plug From:</i>		13.1			
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>					
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1004409587			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1004409596			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
<u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1004409597			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1004409588			
<i>Pump Set At:</i>		30.47			
<i>Static Level:</i>		0.62			
<i>Final Level After Pumping:</i>		18.9			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		68.25			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409598			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		3.4			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409607			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		12			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409613			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		18.2			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409605			
<i>Test Type:</i>		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		5			
Test Level:		8.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409608			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		1.16			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409599			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		15.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409602			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		9.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409603			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		7.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409610			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409611			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		15.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004409600			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.05			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409609			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	14.3			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409615			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	18.65			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409606			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	6.42			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409612			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	16.62			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409614			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	18.25			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409601			
	Test Type:	Recovery			
	Test Duration:	2			
	Test Level:	12.46			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409616			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	18.9			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004409604			
	Test Type:	Recovery			
	Test Duration:	4			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level:		8.1			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004409594			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.49			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1004409595			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.81			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004409592			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004409593			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		52.72			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>105</u>	1 of 1	NNE/205.2	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7199484			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	3/28/2013
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z139853			Owner:	
Tag:	A123373			Street Name:	LOT 8 RICHMOND OAKS PHASE 4
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

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

Bore Hole ID:	1004269051	Elevation:	95.153121
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433297
Code OB Desc:		North83:	5004944
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	10/25/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1004960484
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.96
Formation End Depth:	10.66
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004960485
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	10.66
Formation End Depth:	53.33
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004960482
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Other Materials:	STONES

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1004960483			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.82			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004960511			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004960480			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004960489			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		1.37			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004960490			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 1004960481					
Pump Set At: 22.85					
Static Level: 0.25					
Final Level After Pumping: 1.87					
Recommended Pump Depth: 15.23					
Pumping Rate: 54.6					
Flowing Rate:					
Recommended Pump Rate: 45.5					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 0					
Pumping Duration HR: 1					
Pumping Duration MIN:					
Flowing: N					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004960495					
Test Type: Draw Down					
Test Duration: 3					
Test Level: 1.79					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004960497					
Test Type: Draw Down					
Test Duration: 4					
Test Level: 1.79					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004960501					
Test Type: Draw Down					
Test Duration: 10					
Test Level: 1.84					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004960493					
Test Type: Draw Down					
Test Duration: 2					
Test Level: 1.76					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1004960496			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960498			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960502			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.84			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960492			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960499			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		1.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960505			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960507			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960508			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.87			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960504			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		1.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960506			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960491			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960494			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960500			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960503			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.85			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004960488			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.5			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID:		1004960487			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		53.33			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004960486			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	106	1 of 1	E/209.6	92.9 / -2.00	lot 22 con 3 ON
Well ID:	1531946			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/11/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	1
Audit No:	229471			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
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:	10053479			Elevation:	94.424087
DP2BR:	22			Elevrc:	
Spatial Status:	Improved			Zone:	18
Code OB:	r			East83:	433674
Code OB Desc:	Bedrock			North83:	5004246
Open Hole:				Org CS:	N83
Cluster Kind:				UTMRC:	3
Date Completed:	3/25/2001			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project				
Improvement Location Method:	GIS				
Source Revision Comment:	Northing and/or Easting field has been changed. Location estimated from sketch map.				
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.				

**Overburden and Bedrock
Materials Interval**

Formation ID:	931080016
Layer:	1

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Color:					
General Color:					
	Mat1:	05			
	Most Common Material:	CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	22			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	931080017			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
	Formation Top Depth:	22			
	Formation End Depth:	80			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933117076			
	Layer:	1			
	Plug From:	2			
	Plug To:	28			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	5			
	Method Construction:	Air Percussion			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	10602049			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930093735			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:				
	Depth To:				
	Casing Diameter:	8			
	Casing Diameter UOM:	inch			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093736			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093734			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991531946			
Pump Set At:					
Static Level:		2			
Final Level After Pumping:		60			
Recommended Pump Depth:		60			
Pumping Rate:		16			
Flowing Rate:					
Recommended Pump Rate:		16			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934115132			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934659268			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Pump Test Detail ID:</u> 934398192					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 30					
<u>Test Level:</u> 2					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934915601					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 60					
<u>Test Level:</u> 2					
<u>Test Level UOM:</u> ft					
<u>Water Details</u>					
<u>Water ID:</u> 933492571					
<u>Layer:</u> 1					
<u>Kind Code:</u> 5					
<u>Kind:</u> Not stated					
<u>Water Found Depth:</u> 40					
<u>Water Found Depth UOM:</u> ft					
<u>Water Details</u>					
<u>Water ID:</u> 933492573					
<u>Layer:</u> 3					
<u>Kind Code:</u> 5					
<u>Kind:</u> Not stated					
<u>Water Found Depth:</u> 65					
<u>Water Found Depth UOM:</u> ft					
<u>Water Details</u>					
<u>Water ID:</u> 933492572					
<u>Layer:</u> 2					
<u>Kind Code:</u> 5					
<u>Kind:</u> Not stated					
<u>Water Found Depth:</u> 55					
<u>Water Found Depth UOM:</u> ft					

WWIS	107	1 of 1	NE/210.4	94.9 / 0.00	lot 23 con 4 RICHMOND ON
<u>Well ID:</u>	7170995				
<u>Construction Date:</u>				<u>Data Entry Status:</u>	
<u>Primary Water Use:</u>	Domestic			<u>Data Src:</u>	
<u>Sec. Water Use:</u>				<u>Date Received:</u>	11/2/2011
<u>Final Well Status:</u>	Water Supply			<u>Selected Flag:</u>	Yes
<u>Water Type:</u>				<u>Abandonment Rec:</u>	
<u>Casing Material:</u>				<u>Contractor:</u>	1558
<u>Audit No:</u>	Z115731			<u>Form Version:</u>	7
<u>Tag:</u>	A102469			<u>Owner:</u>	
<u>Construction Method:</u>				<u>Street Name:</u>	LOT 41 RICHMOND OAKS
<u>Elevation (m):</u>				<u>County:</u>	OTTAWA-CARLETON
<u>Elevation Reliability:</u>				<u>Municipality:</u>	GOULBOURN TOWNSHIP
<u>Depth to Bedrock:</u>				<u>Site Info:</u>	
<u>Well Depth:</u>				<u>Lot:</u>	023
<u>Overburden/Bedrock:</u>				<u>Concession:</u>	04
<u>Pump Rate:</u>				<u>Concession Name:</u>	CON
<u>Static Water Level:</u>				<u>Easting NAD83:</u>	
<u>Flowing (Y/N):</u>				<u>Northing NAD83:</u>	
				<u>Zone:</u>	

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

UTM Reliability:

Bore Hole Information

Bore Hole ID:	1003595023	Elevation:	94.80722
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433466
Code OB Desc:		North83:	5004752
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	6/23/2011	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1004010344
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.65
Formation End Depth:	10.66
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004010343
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:	3.65
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004010345
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:		74			
Other Materials:		LAYERED			
Formation Top Depth:		10.66			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004010368			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1004010341			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1004010349			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1004010350			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1004010342			
Pump Set At:		15.23			
Static Level:		0			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1.73			
		15.23			
		54.6			
		22.75			
		45.5			
		m			
		LPM			
		1			
		CLEAR			
		0			
		1			
		0			
		Y			
<u>Draw Down & Recovery</u>					
		1004010358			
		Draw Down			
		10			
		1.68			
		m			
<u>Draw Down & Recovery</u>					
		1004010359			
		Draw Down			
		15			
		1.72			
		m			
<u>Draw Down & Recovery</u>					
		1004010354			
		Recovery			
		2			
		0			
		m			
<u>Draw Down & Recovery</u>					
		1004010356			
		Draw Down			
		4			
		1.51			
		m			
<u>Draw Down & Recovery</u>					
		1004010360			
		Draw Down			
		20			
		1.72			
		m			
<u>Draw Down & Recovery</u>					
		1004010353			
		Draw Down			
		2			
		1.31			
		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010362			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	1.72			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010363			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	1.73			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010351			
	Test Type:	Draw Down			
	Test Duration:	1			
	Test Level:	0.82			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010361			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	1.71			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010364			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	1.72			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010357			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	1.57			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010355			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	1.46			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004010352			
	Test Type:	Recovery			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration: 1					
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004010365			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.73			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004010348			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		44.19			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004010346			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004010347			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>108</u>	1 of 1	NNE/210.9	94.9 / 0.00	RICHMOND ON
Well ID:	7218223				Data Entry Status:
Construction Date:					Data Src:
Primary Water Use:	Domestic				Date Received: 3/21/2014
Sec. Water Use:					Selected Flag: Yes
Final Well Status:	Water Supply				Abandonment Rec:
Water Type:					Contractor: 1558
Casing Material:					Form Version: 7
Audit No:	Z139903				Owner:
Tag:	A123426				Street Name: RICHMOND OAKS LOT 9
Construction Method:					County: OTTAWA-CARLETON
Elevation (m):					Municipality: GOULBOURN TOWNSHIP
Elevation Reliability:					Site Info:
Depth to Bedrock:					Lot:
Well Depth:					Concession:
Overburden/Bedrock:					Concession Name:
Pump Rate:					Easting NAD83:
Static Water Level:					Northing NAD83:
Flowing (Y/N):					Zone:
Flow Rate:					UTM Reliability:
Clear/Cloudy:					

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

Bore Hole ID:	1004724826	Elevation:	95.197189
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433290
Code OB Desc:		North83:	5004961
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/27/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005101738
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.65
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005101739
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	3.65
Formation End Depth:	11.27
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005101740
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	11.27			
	Formation End Depth:	48.76			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment Sealing Record</u>					
	Plug ID:	1005101763			
	Layer:	1			
	Plug From:	13.1			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	2			
	Method Construction:	Rotary (Convent.)			
	Other Method Construction:	AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1005101736			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1005101744			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1005101745			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			
	Screen Diameter:				
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	1005101737			
	Pump Set At:	30.47			
	Static Level:	0			
	Final Level After Pumping:	2.42			
	Recommended Pump Depth:	15.23			
	Pumping Rate:	54.6			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		N			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101747			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101746			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101749			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101758			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101756			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101748			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005101751			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101753			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101759			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101760			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101757			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101752			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101754			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101750			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.85			
Test Level UOM:		m			

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

Pump Test Detail ID: 1005101755
Test Type: Draw Down
Test Duration: 20
Test Level: 2.34
Test Level UOM: m

Water Details

Water ID: 1005101743
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 46.32
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1005101742
Diameter: 15.23
Depth From: 13.1
Depth To: 48.76
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1005101741
Diameter: 15.86
Depth From: 0
Depth To: 13.1
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>109</u>	1 of 1	ENE/212.2	94.9 / 0.00	RICHMOND ON
Well ID:	7173892				Data Entry Status:
Construction Date:					Data Src:
Primary Water Use:	Domestic				Date Received: 12/23/2011
Sec. Water Use:					Selected Flag: Yes
Final Well Status:	Water Supply				Abandonment Rec:
Water Type:					Contractor: 1119
Casing Material:					Form Version: 7
Audit No:	Z137078				Owner:
Tag:	A113144				Street Name: 6243 PERTH ST.
Construction Method:					County: OTTAWA-CARLETON
Elevation (m):					Municipality: RICHMOND VILLAGE (GOULBOURN)
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

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Bore Hole ID:		1003625216		Elevation:	94.421371
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433650
Code OB Desc:				North83:	5004530
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11/4/2011			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1004091536
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 81
Other Materials: SANDY
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1004091539
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 180
Formation End Depth: 217
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 1004091537
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		84			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1004091540			
		5			
		1			
		WHITE			
		18			
		SANDSTONE			
		217			
		223			
		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1004091538			
		3			
		2			
		GREY			
		15			
		LIMESTONE			
		84			
		180			
		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		1004091576			
		1			
		33			
		23			
		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
		1004091577			
		2			
		23			
		0			
		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
		5			
		Air Percussion			

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

Pipe ID: 1004091534
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004091546
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From: 3
Depth To: 223
Casing Diameter: 5.937
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 1004091545
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -2
Depth To: 33
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1004091547
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1004091535
Pump Set At: 150
Static Level:
Final Level After Pumping: 3
Recommended Pump Depth: 140
Pumping Rate: 20
Flowing Rate: 3
Recommended Pump Rate: 20
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: Y

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091553			
	Test Type:	Recovery			
	Test Duration:	3			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091566			
	Test Type:	Draw Down			
	Test Duration:	30			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091554			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091561			
	Test Type:	Recovery			
	Test Duration:	15			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091562			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091563			
	Test Type:	Recovery			
	Test Duration:	20			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091568			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	3			
	Test Level UOM:	ft			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1004091570			
	Test Type:	Draw Down			
	Test Duration:	50			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091548			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091551			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091565			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091549			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091557			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091567			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004091572			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		3			
<i>Test Level UOM:</i>		ft			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1004091552			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091555			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091559			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091573			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091558			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091556			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091560			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091571			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		3			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091550			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091564			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004091569			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		3			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1004091543			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		84			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1004091544			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		217			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004091542			
Diameter:		6			
Depth From:		0			
Depth To:		33			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1004091541			
Diameter:		5.937			
Depth From:		33			
Depth To:		223			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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WWIS	110	1 of 1	ENE/212.6	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	1535912			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	10/24/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z26080			Owner:	
Tag:	A026116			Street Name:	LOT 20 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11316451			Elevation:	94.406143
DP2BR:	31			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433550
Code OB Desc:	Bedrock			North83:	5004656
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	8/2/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	932997515
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.96
Formation End Depth:	9.44
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID:		932997514			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.82			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997513			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		01			
Other Materials:		FILL			
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997516			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		9.44			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11331306			
Casing No:		1			
Comment:					
Alt Name:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Construction Record - Casing</u>					
		930855905			
	Casing ID:	930855905			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.6			
	Depth To:	11.88			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Casing</u>					
		930855906			
	Casing ID:	930855906			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	11.88			
	Depth To:	45.1			
	Casing Diameter:				
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Results of Well Yield Testing</u>					
		11345754			
	Pump Test ID:	11345754			
	Pump Set At:	30.47			
	Static Level:	0.21			
	Final Level After Pumping:	1.71			
	Recommended Pump Depth:	22.85			
	Pumping Rate:	54.6			
	Flowing Rate:				
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	1			
	Pumping Duration HR:	1			
	Pumping Duration MIN:				
	Flowing:				
<u>Draw Down & Recovery</u>					
		11474438			
	Pump Test Detail ID:	11474438			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	1.71			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
		11474439			
	Pump Test Detail ID:	11474439			
	Test Type:	Recovery			
	Test Duration:	40			
	Test Level:	0.26			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
		11474443			
	Pump Test Detail ID:	11474443			
	Test Type:	Recovery			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		25			
Test Level:		0.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474449			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474445			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474448			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474434			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474435			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474450			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11474451			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.27			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474432			
	Test Type:	Recovery			
	Test Duration:	3			
	Test Level:	0.31			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474440			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	1.69			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474453			
	Test Type:	Recovery			
	Test Duration:	10			
	Test Level:	0.27			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474454			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	1.62			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474436			
	Test Type:	Recovery			
	Test Duration:	60			
	Test Level:	0.26			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474444			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	1.53			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474446			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	1.58			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11474447			
	Test Type:	Recovery			
	Test Duration:	1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.35			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474452			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.65			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474441			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.26			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474442			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		1.71			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474437			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474431			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.3			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474433			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.56			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11474455			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.3			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Pump Test Detail ID: 11474456					
Test Type: Draw Down					
Test Duration: 25					
Test Level: 1.67					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 934066352					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 43.58					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 11534054					
Diameter: 14.91					
Depth From: 11.88					
Depth To: 45.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 11534055					
Diameter: 22.75					
Depth From: 0					
Depth To: 11.88					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

<i>WWIS</i>	<i>111</i>	<i>1 of 1</i>	<i>NNE/213.0</i>	<i>94.9 / 0.00</i>	<i>lot 23 con 4 RICHMOND ON</i>
Well ID: 7199485					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: Z139852					
Tag: A123367					
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:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1004269054					
DP2BR:					
Spatial Status:					
Data Entry Status:					
Data Src:					
Date Received: 3/28/2013					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1558					
Form Version: 7					
Owner:					
Street Name: LOT 7 RICHMOND OAKS					
County: OTTAWA-CARLETON					
Municipality: GOULBOURN TOWNSHIP					
Site Info:					
Lot: 023					
Concession: 04					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
Elevation: 95.166114					
Elevrc:					
Zone: 18					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Code OB:				East83:	433308
Code OB Desc:				North83:	5004943
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/26/2012			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	digit
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1004960594
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:
Other Materials:
Formation Top Depth: 10.97
Formation End Depth: 45.1
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004960592
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004960593
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 3.96
Formation End Depth: 10.97
Formation End Depth UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004960619			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004960590			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004960598			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004960599			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004960591			
Pump Set At:		30.47			
Static Level:		0.55			
Final Level After Pumping:		1.49			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		N			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960607			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.55			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960600			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.38			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960603			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.56			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960605			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.54			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960609			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		1.47			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960608			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.46			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004960610			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.47			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960616			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960611			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960615			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960601			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960604			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960606			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960613			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960614			
Test Type:		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		40			
Test Level:		1.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960602			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004960612			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		1.48			
Test Level UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004960595			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004960596			
Diameter:		15.55			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS 112 1 of 1 NE/213.3 94.9 / 0.00 lot 22 con 4
RICHMOND ON

Well ID:	7187408	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	9/20/2012
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	7
Audit No:	Z139802	Owner:	
Tag:	A123527	Street Name:	RICHMOND OAKS LOT 42
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	022
Well Depth:		Concession:	04
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Bore Hole Information</u>					
Bore Hole ID:		1004158035		Elevation:	94.809547
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433469
Code OB Desc:				North83:	5004753
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		7/13/2012		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1004409509
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 2.43
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004409510
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 2.43
Formation End Depth: 3.96
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004409512
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:					
	Formation Top Depth:	10.97			
	Formation End Depth:	52.72			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004409511			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	3.96			
	Formation End Depth:	10.97			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1004409541			
	Layer:	1			
	Plug From:	13.1			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	2			
	Method Construction:	Rotary (Convent.)			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	1004409507			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1004409517			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1004409518			
	Layer:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 1004409508					
Pump Set At: 48.76					
Static Level: 1.2					
Final Level After Pumping: 6.67					
Recommended Pump Depth: 30.47					
Pumping Rate: 45.5					
Flowing Rate:					
Recommended Pump Rate: 45.5					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 0					
Pumping Duration HR: 1					
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004409528					
Test Type: Recovery					
Test Duration: 5					
Test Level: 2.06					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004409524					
Test Type: Recovery					
Test Duration: 3					
Test Level: 2.99					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004409532					
Test Type: Recovery					
Test Duration: 15					
Test Level: 1.2					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004409525					
Test Type: Draw Down					
Test Duration: 4					
Test Level: 2.62					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004409527					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		2.57			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409535			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		5.98			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409537			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		6.48			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409533			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		5.38			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409520			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		4.65			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409538			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		6.67			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409522			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3.65			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004409529			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		3.95			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
		1004409530			
		Pump Test Detail ID:	1004409530		
		Test Type:	Recovery		
		Test Duration:	10		
		Test Level:	1.38		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409534			
		Pump Test Detail ID:	1004409534		
		Test Type:	Draw Down		
		Test Duration:	25		
		Test Level:	5.72		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409519			
		Pump Test Detail ID:	1004409519		
		Test Type:	Draw Down		
		Test Duration:	1		
		Test Level:	2.68		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409521			
		Pump Test Detail ID:	1004409521		
		Test Type:	Draw Down		
		Test Duration:	2		
		Test Level:	2.89		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409523			
		Pump Test Detail ID:	1004409523		
		Test Type:	Draw Down		
		Test Duration:	3		
		Test Level:	2.68		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409536			
		Pump Test Detail ID:	1004409536		
		Test Type:	Draw Down		
		Test Duration:	40		
		Test Level:	5.28		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409526			
		Pump Test Detail ID:	1004409526		
		Test Type:	Recovery		
		Test Duration:	4		
		Test Level:	2.53		
		Test Level UOM:	m		
<u>Draw Down & Recovery</u>					
		1004409531			
		Pump Test Detail ID:	1004409531		
		Test Type:	Draw Down		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		15			
Test Level:		4.83			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004409516			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.81			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1004409515			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004409514			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		52.72			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004409513			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	113	1 of 1	NNE/213.6	94.9 / 0.00	RICHMOND ON
Well ID:	7218225				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z139902				
Tag:	A123423				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	3/21/2014				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	RICHMOND OAKS LOT 5				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

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

Bore Hole ID:	1004724832	Elevation:	95.1138
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433335
Code OB Desc:		North83:	5004912
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/23/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005101811
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	3.96
Formation End Depth:	11.27
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005101810
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.96
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005101812
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:					
	Mat3:	73			
	Other Materials:	HARD			
	Formation Top Depth:	11.27			
	Formation End Depth:	42.66			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1005101813			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	18			
	Most Common Material:	SANDSTONE			
	Mat2:				
	Other Materials:				
	Mat3:	73			
	Other Materials:	HARD			
	Formation Top Depth:	42.66			
	Formation End Depth:	68.57			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1005101839			
	Layer:	1			
	Plug From:	13.1			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	2			
	Method Construction:	Rotary (Convent.)			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	1005101808			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1005101818			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Screen ID:		1005101819			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					

Results of Well Yield Testing

Pump Test ID:	1005101809
Pump Set At:	30.47
Static Level:	0
Final Level After Pumping:	12.55
Recommended Pump Depth:	22.85
Pumping Rate:	54.6
Flowing Rate:	22.75
Recommended Pump Rate:	45.5
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1005101820
Test Type:	Draw Down
Test Duration:	1
Test Level:	1.58
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005101821
Test Type:	Recovery
Test Duration:	1
Test Level:	7.92
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005101828
Test Type:	Recovery
Test Duration:	5
Test Level:	1.19
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1005101830
Test Type:	Draw Down
Test Duration:	15
Test Level:	8.79
Test Level UOM:	m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005101832			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		10.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101827			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		2.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101826			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101831			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		9.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101833			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		11.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101825			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101835			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		12.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101834			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		11.85			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101836			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		12.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101822			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101823			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		5.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101824			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101829			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		7.51			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005101817			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		67.66			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1005101816			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Hole Diameter</u>					
Hole ID:		1005101814			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005101815			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		68.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	114	1 of 1	NNE/213.8	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:		7187455			
Construction Date:					
Primary Water Use:		Domestic			
Sec. Water Use:					
Final Well Status:		Water Supply			
Water Type:					
Casing Material:					
Audit No:		Z139753			
Tag:		A119628			
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
				Data Entry Status:	
				Data Src:	
				Date Received:	9/20/2012
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	7
				Owner:	
				Street Name:	RICHMOND OAKS LOT 10
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	023
				Concession:	04
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

Bore Hole Information

Bore Hole ID:		1004158356			
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:		4/3/2012			
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
				Elevation:	95.224082
				Elevrc:	
				Zone:	18
				East83:	433282
				North83:	5004975
				Org CS:	UTM83
				UTMRC:	4
				UTMRC Desc:	margin of error : 30 m - 100 m
				Location Method:	wwr

Overburden and Bedrock

Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1004413379			
		3			
		2			
		GREY			
		34			
		TILL			
		11.27			
		12.49			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1004413377			
		1			
		6			
		BROWN			
		05			
		CLAY			
		0			
		3.96			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1004413381			
		5			
		1			
		WHITE			
		18			
		SANDSTONE			
		50.28			
		74.14			
		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
		1004413380			
		4			
		2			
		GREY			
		15			
		LIMESTONE			
		12.49			
		50.28			
		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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**Overburden and Bedrock
Materials Interval**

Formation ID: 1004413378
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.96
Formation End Depth: 11.27
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1004413409
Layer: 1
Plug From: 14.32
Plug To: 0
Plug Depth UOM: m

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 1004413375
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004413385
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.45
Depth To: 14.32
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004413386
Layer: 1
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004413376			
Pump Set At:		30.47			
Static Level:		0			
Final Level After Pumping:		31.9			
Recommended Pump Depth:		42.66			
Pumping Rate:		45.5			
Flowing Rate:		9.1			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413390			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413400			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		24.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413392			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413394			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		14.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413395			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		11.8			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413397			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		7.84			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413399			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413401			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413403			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413391			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413396			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		19.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413388			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		27.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004413389			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		4			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413404			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		28.86			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413387			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.99			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413405			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		30.15			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413398			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		22.8			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413402			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		26.64			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413393			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		19			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004413406			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		31.9			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Water Details</u>					
Water ID:		1004413384			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		7.31			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004413382			
Diameter:		15.86			
Depth From:		0			
Depth To:		14.32			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004413383			
Diameter:		15.07			
Depth From:		14.32			
Depth To:		73.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	115	1 of 1	NE/216.0	94.9 / 0.00	RICHMOND ON
Well ID:	7218208			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	3/21/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z139887			Owner:	
Tag:	A123344			Street Name:	LOT 18 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1004724781			Elevation:	94.201507
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433426
Code OB Desc:				North83:	5004808
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/6/2013			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005099250
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005099252
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.97
Formation End Depth: 52.72
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005099251
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 86
Other Materials: STICKY
Formation Top Depth: 3.96
Formation End Depth: 10.97
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1005099279
Layer: 1
Plug From: 13.1

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>		AIR PERCUSSION			
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1005099248			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1005099257			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		13.12			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005099258			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1005099249			
<i>Pump Set At:</i>		30.47			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		10.65			
<i>Recommended Pump Depth:</i>		22.85			
<i>Pumping Rate:</i>		45.5			
<i>Flowing Rate:</i>		13.65			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		Y			

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005099264			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		6.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099265			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		8.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099269			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		14.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099259			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099260			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		8.75			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099268			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099274			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		11.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099275			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		10.65			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099266			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.76			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099270			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099261			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099263			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		6.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099271			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099272			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005099262			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Pump Test Detail ID:</u> 1005099276					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 60					
<u>Test Level:</u> 10.65					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 1005099267					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 5					
<u>Test Level:</u> 9.55					
<u>Test Level UOM:</u> m					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 1005099273					
<u>Test Type:</u> Draw Down					
<u>Test Duration:</u> 20					
<u>Test Level:</u> 14.86					
<u>Test Level UOM:</u> m					
<u>Water Details</u>					
<u>Water ID:</u> 1005099256					
<u>Layer:</u> 2					
<u>Kind Code:</u> 8					
<u>Kind:</u> Untested					
<u>Water Found Depth:</u> 50.89					
<u>Water Found Depth UOM:</u> m					
<u>Water Details</u>					
<u>Water ID:</u> 1005099255					
<u>Layer:</u> 1					
<u>Kind Code:</u> 8					
<u>Kind:</u> Untested					
<u>Water Found Depth:</u> 45.41					
<u>Water Found Depth UOM:</u> m					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 1005099253					
<u>Diameter:</u> 15.86					
<u>Depth From:</u> 0					
<u>Depth To:</u> 13.1					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					
<u>Hole Diameter</u>					
<u>Hole ID:</u> 1005099254					
<u>Diameter:</u> 15.23					
<u>Depth From:</u> 13.1					
<u>Depth To:</u> 52.72					
<u>Hole Depth UOM:</u> m					
<u>Hole Diameter UOM:</u> cm					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Well ID:	7187534			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	9/20/2012
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z139823			Owner:	
Tag:	A123541			Street Name:	RICHMOND OAKS PHASE V LOT 11
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1004159274	Elevation:	95.241996
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433266
Code OB Desc:		North83:	5004999
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	8/21/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1004417933
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	11.27
Formation End Depth:	28.76
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1004417931
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		1.82			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004417930			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004417934			
Layer:		5			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		28.76			
Formation End Depth:		73.14			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004417932			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:		86			
Other Materials:		STICKY			
Formation Top Depth:		3.96			
Formation End Depth:		11.27			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Plug ID:		1004417958			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004417928			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004417938			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004417939			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004417929			
Pump Set At:		15.23			
Static Level:		1.57			
Final Level After Pumping:		1.64			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417948			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417943			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417953			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417942			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417949			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417952			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417955			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417944			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.77			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417950			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		1.66			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417951			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		1.66			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417954			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		1.64			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417940			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		1.77			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417946			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.77			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417947			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.77			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004417945			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.45			
<i>Test Level UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417941			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.45			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004417937			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		72.53			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004417935			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Hole Diameter</u>					
Hole ID:		1004417936			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		73.14			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

WWIS	<u>117</u>	1 of 1	NE/217.9	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7187533				
Construction Date:					
Primary Water Use:					
Sec. Water Use:	Domestic				
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z139824				
Tag:	A123368				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
				Data Entry Status:	
				Data Src:	
				Date Received:	9/20/2012
				Selected Flag:	Yes
				Abandonment Rec:	
				Contractor:	1558
				Form Version:	7
				Owner:	
				Street Name:	RICHMOND OAKS PHASE V LOT 4
				County:	OTTAWA-CARLETON
				Municipality:	GOULBOURN TOWNSHIP
				Site Info:	
				Lot:	022
				Concession:	04
				Concession Name:	CON
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	

<u>Bore Hole Information</u>					
Bore Hole ID:	1004159271			Elevation:	95.095802

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433366
Code OB Desc:				North83:	5004882
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		8/20/2012		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1004417896
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 4.26
Formation End Depth: 10.87
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004417897
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.87
Formation End Depth: 47.24
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1004417898
Layer: 5
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 47.24
Formation End Depth: 60.95

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004417894			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004417895			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		1.82			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004417927			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004417892			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing ID:		1004417903			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004417904			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004417893			
Pump Set At:		45.71			
Static Level:		0.95			
Final Level After Pumping:		17.6			
Recommended Pump Depth:		30.47			
Pumping Rate:		45.5			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417913			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417914			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417906			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		13.56			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417907			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417920			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417922			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		15.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417908			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		11.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417917			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		11.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417923			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417924			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		17.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1004417911			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417918			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		1.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417910			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		9.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417912			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		8.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417921			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		14.92			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417915			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		9.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417919			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		13.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004417916			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		2.3			
Test Level UOM:		m			

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

Pump Test Detail ID: 1004417905
Test Type: Draw Down
Test Duration: 1
Test Level: 2.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004417909
Test Type: Draw Down
Test Duration: 3
Test Level: 4.9
Test Level UOM: m

Water Details

Water ID: 1004417901
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 42.66
Water Found Depth UOM: m

Water Details

Water ID: 1004417902
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 59.43
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1004417900
Diameter: 15.23
Depth From: 13.1
Depth To: 60.95
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1004417899
Diameter: 15.86
Depth From: 0
Depth To: 13.1
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>118</u>	1 of 1	NNE/218.1	94.9 / 0.00	RICHMOND ON
Well ID:	7218246			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	3/21/2014
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z172533			Owner:	
Tag:	A123413			Street Name:	RICHMOND OAKS LOT 12
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Bore Hole Information

Bore Hole ID:	1004724905	Elevation:	95.276115
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433247
Code OB Desc:		North83:	5005023
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	6/19/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1005103410
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	1.21
Formation End Depth:	3.96
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1005103409
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	01
Other Materials:	FILL

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		0			
		1.21			
		m			
<u>Overburden and Bedrock Materials Interval</u>					
		1005103411			
		3			
		2			
		GREY			
		05			
		CLAY			
		12			
		STONES			
		3.96			
		12.49			
		m			
<u>Overburden and Bedrock Materials Interval</u>					
		1005103412			
		4			
		2			
		GREY			
		15			
		LIMESTONE			
		73			
		HARD			
		12.49			
		22.24			
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
		1005103438			
		1			
		14.32			
		0			
		m			
<u>Pipe Information</u>					
		1005103407			
		0			
<u>Construction Record - Casing</u>					
		1005103416			
		1			
		1			
		STEEL			
		-0.45			
		14.32			
		15.86			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1005103417			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1005103408			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		1.86			
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		22.75			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		Y			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005103418			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.41			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005103429			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005103433			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		1.42			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005103421			
<i>Test Type:</i>		Recovery			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		2			
Test Level:		0.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103423			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103428			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103434			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103419			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103420			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103422			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005103425			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.38			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103430			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	1.14			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103427			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	0.28			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103431			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	1.25			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103432			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	1.34			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103435			
	Test Type:	Draw Down			
	Test Duration:	50			
	Test Level:	1.78			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103436			
	Test Type:	Draw Down			
	Test Duration:	60			
	Test Level:	1.86			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103426			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	0.82			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1005103424			
	Test Type:	Draw Down			
	Test Duration:	4			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.79			
<i>Test Level UOM:</i>		m			
<u>Water Details</u>					
<i>Water ID:</i>		1005103415			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		21.03			
<i>Water Found Depth UOM:</i>		m			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1005103413			
<i>Diameter:</i>		15.86			
<i>Depth From:</i>		0			
<i>Depth To:</i>		14.32			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		1005103414			
<i>Diameter:</i>		15.23			
<i>Depth From:</i>		14.32			
<i>Depth To:</i>		22.24			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

WWIS	<u>119</u>	1 of 1	NE/218.7	94.9 / 0.00	lot 23 con 4 RICHMOND ON
<i>Well ID:</i>	7222501			<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	
<i>Primary Water Use:</i>	Domestic			<i>Date Received:</i>	6/26/2014
<i>Sec. Water Use:</i>				<i>Selected Flag:</i>	Yes
<i>Final Well Status:</i>	Water Supply			<i>Abandonment Rec:</i>	
<i>Water Type:</i>				<i>Contractor:</i>	1558
<i>Casing Material:</i>				<i>Form Version:</i>	7
<i>Audit No:</i>	Z172444			<i>Owner:</i>	
<i>Tag:</i>	A149048			<i>Street Name:</i>	RICHMIND OAKS LOT 3
<i>Construction Method:</i>				<i>County:</i>	OTTAWA-CARLETON
<i>Elevation (m):</i>				<i>Municipality:</i>	GOULBOURN TOWNSHIP
<i>Elevation Reliability:</i>				<i>Site Info:</i>	
<i>Depth to Bedrock:</i>				<i>Lot:</i>	023
<i>Well Depth:</i>				<i>Concession:</i>	04
<i>Overburden/Bedrock:</i>				<i>Concession Name:</i>	CON
<i>Pump Rate:</i>				<i>Easting NAD83:</i>	
<i>Static Water Level:</i>				<i>Northing NAD83:</i>	
<i>Flowing (Y/N):</i>				<i>Zone:</i>	
<i>Flow Rate:</i>				<i>UTM Reliability:</i>	
<i>Clear/Cloudy:</i>					

Bore Hole Information

<i>Bore Hole ID:</i>	1004883322	<i>Elevation:</i>	95.089439
<i>DP2BR:</i>		<i>Elevrc:</i>	
<i>Spatial Status:</i>		<i>Zone:</i>	18
<i>Code OB:</i>		<i>East83:</i>	433378
<i>Code OB Desc:</i>		<i>North83:</i>	5004869
<i>Open Hole:</i>		<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>		<i>UTMRC:</i>	4

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Date Completed:	4/29/2014			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	digit
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005196675
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 73
Other Materials: HARD
Formation Top Depth: 10.97
Formation End Depth: 45.1
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005196674
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 86
Other Materials: STICKY
Formation Top Depth: 3.65
Formation End Depth: 10.97
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1005196673
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.65
Formation End Depth UOM: m

**Annular Space/Abandonment
Sealing Record**

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Plug ID:		1005196704			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1005196671			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005196680			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005196684			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1005196672			
Pump Set At:		18.28			
Static Level:		0			
Final Level After Pumping:		2.12			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		22.75			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196687			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196697			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196688			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196696			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		20.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196685			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.14			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196686			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196691			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005196692			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.95			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005196693			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		2			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005196689			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.67			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005196690			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.75			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005196695			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		2.05			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005196698			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		2.12			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005196694			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		2.03			
<i>Test Level UOM:</i>		m			
 <u>Water Details</u>					
<i>Water ID:</i>		1005196679			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		44.8			
<i>Water Found Depth UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Hole Diameter</u>					
Hole ID:		1005196676			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005196677			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		30.47			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005196678			
Diameter:		14.91			
Depth From:		30.47			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	120	1 of 1	ENE/219.7	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	1535039			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/14/2004
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z13752			Owner:	
Tag:	A013733			Street Name:	LOT 21, RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

<u>Bore Hole Information</u>					
Bore Hole ID:	11172791			Elevation:	94.277206
DP2BR:	33			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433583
Code OB Desc:	Bedrock			North83:	5004628
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	9/8/2004			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932968815			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		10.06			
Formation End Depth:		29.87			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932968814			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.66			
Formation End Depth:		10.06			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932968813			
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:		3.66			
Formation End Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		4			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11181310			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930843066			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		40.54			
Depth To:		29.87			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930843065			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.61			
Depth To:		12.34			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11189674			
Pump Set At:		27.43			
Static Level:		0			
Final Level After Pumping:		14.72			
Recommended Pump Depth:		27.43			
Pumping Rate:		54.6			
Flowing Rate:		9.1			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289712			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11289717			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289727			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289728			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		14.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289707			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		9.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289711			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		5.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289714			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		9.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289718			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		12.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289729			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0.06			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289713			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		5.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289724			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		14.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289706			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289709			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		7.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289710			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289715			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		1.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289704			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11289723			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289726			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		14.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289705			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		11.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289708			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289716			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		11.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289719			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289722			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		14.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11289725			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0.18			
Test Level UOM:		m			

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

Pump Test Detail ID: 11289720
Test Type: Draw Down
Test Duration: 25
Test Level: 13.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11289721
Test Type: Recovery
Test Duration: 25
Test Level: 0.3
Test Level UOM: m

Water Details

Water ID: 934050502
Layer: 1
Kind Code:
Kind:
Water Found Depth: 28.04
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11305927
Diameter: 22.75
Depth From: 0
Depth To: 12.34
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11305926
Diameter: 15.23
Depth From:
Depth To: 29.87
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>121</u>	1 of 1	NE/220.1	94.9 / 0.00	RICHMOND ON
Well ID:	7218226				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z139897				
Tag:	A123422				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Data Entry Status:					
Data Src:					
Date Received:					3/21/2014
Selected Flag:					Yes
Abandonment Rec:					
Contractor:					1558
Form Version:					7
Owner:					
Street Name:					RICHMOND OAKS LOT 2
County:					OTTAWA-CARLETON
Municipality:					GOULBOURN TOWNSHIP
Site Info:					
Lot:					
Concession:					
Concession Name:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
<u>Bore Hole Information</u>					
Bore Hole ID:			1004724835	Elevation:	95.080894
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433384
Code OB Desc:				North83:	5004864
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:			5/22/2013	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005101843		
Layer:			2		
Color:			2		
General Color:			GREY		
Mat1:			05		
Most Common Material:			CLAY		
Mat2:			12		
Other Materials:			STONES		
Mat3:			86		
Other Materials:			STICKY		
Formation Top Depth:			3.65		
Formation End Depth:			11.27		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005101844		
Layer:			3		
Color:			2		
General Color:			GREY		
Mat1:			15		
Most Common Material:			LIMESTONE		
Mat2:			18		
Other Materials:			SANDSTONE		
Mat3:			74		
Other Materials:			LAYERED		
Formation Top Depth:			11.27		
Formation End Depth:			52.72		
Formation End Depth UOM:			m		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			1005101842		
Layer:			1		

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:		79			
Other Materials:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005101874			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1005101840			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005101849			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.14			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005101850			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test ID:		1005101841			
Pump Set At:		30.47			
Static Level:		0			
Final Level After Pumping:		18.84			
Recommended Pump Depth:		24.38			
Pumping Rate:		50.05			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101867			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.94			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101856			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		10.39			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101862			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3.95			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101852			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		14.14			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101860			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		6.1			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101863			
Test Type:		Draw Down			
Test Duration:		15			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		12			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101871			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		18.84			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101854			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		12.17			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101855			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		4.77			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101857			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		5.75			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101865			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		13.79			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101869			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		16.97			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1005101851			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		2.24			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1005101859			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101861			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		10.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101853			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101864			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101870			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		18.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101858			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		8.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101866			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1005101868			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.79			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1005101848			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		51.81			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1005101847			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1005101846			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		52.72			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1005101845			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS

122

1 of 1

NNE/228.2

94.9 / 0.00

RICHMOND ON

Well ID: 7170953
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z135420
Tag: A102366
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src:
Date Received: 11/2/2011
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 7
Owner:
Street Name: LOT 38 RICHMOND OAKS
County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Bore Hole Information</u>					
Bore Hole ID:		1003594701		Elevation:	95.213127
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	433311
Code OB Desc:				North83:	5004963
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	9/20/2011			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock
Materials Interval

Formation ID: 1004007100
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 42.66
Formation End Depth: 75.58
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004007097
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

Overburden and Bedrock
Materials Interval

Formation ID: 1004007098
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Other Materials:					
	Formation Top Depth:	3.96			
	Formation End Depth:	11.27			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004007099			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	11.27			
	Formation End Depth:	42.66			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1004007134			
	Layer:	1			
	Plug From:	0			
	Plug To:	13.1			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	2			
	Method Construction:	Rotary (Convent.)			
	Other Method Construction:	AIR PERCUSSION			
<u>Pipe Information</u>					
	Pipe ID:	1004007095			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1004007104			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1004007105			
	Layer:				

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 1004007096					
Pump Set At: 15.23					
Static Level: 0.95					
Final Level After Pumping: 1.39					
Recommended Pump Depth: 12.19					
Pumping Rate: 54.3					
Flowing Rate:					
Recommended Pump Rate: 45.5					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 0					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: N					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004007115					
Test Type: Recovery					
Test Duration: 5					
Test Level: 1					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004007120					
Test Type: Draw Down					
Test Duration: 20					
Test Level: 1.34					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004007118					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 1.34					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004007119					
Test Type: Recovery					
Test Duration: 15					
Test Level: 0.98					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1004007121					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.98			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007114			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		1.33			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007123			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.97			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007110			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.31			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007111			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.01			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007113			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		1.01			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007127			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.95			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004007131			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.95			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007107			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007112			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007122			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		1.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007128			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007109			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007129			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007130			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007106			
Test Type:		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		1			
Test Level:		1.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007124			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007125			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007108			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007116			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007117			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004007126			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.38			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004007103			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		74.06			
Water Found Depth UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Hole Diameter</u>					
Hole ID:		1004007101			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004007102			
Diameter:		15.55			
Depth From:		13.1			
Depth To:		75.58			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>123</u>	1 of 1	ENE/229.2	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	1536613			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/25/2006
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z47014			Owner:	
Tag:	A041912			Street Name:	LOT 19 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11550679			Elevation:	94.778381
DP2BR:	35			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433527
Code OB Desc:	Bedrock			North83:	5004709
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	7/14/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID:		933066957			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		3.65			
Formation End Depth:		10.66			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933066958			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Other Materials:		SANDSTONE			
Mat3:					
Other Materials:					
Formation Top Depth:		10.66			
Formation End Depth:		46.63			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		933066956			
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:		3.65			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933300319			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933300320			
Layer:		2			
Plug From:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Plug To:					
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11560286			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930885037			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930885038			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		46.63			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11569614			
Pump Set At:		42.66			
Static Level:		0.07			
Final Level After Pumping:		23.8			
Recommended Pump Depth:		30.4			
Pumping Rate:		45.5			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11668284			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		20.14			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668286			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		17.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668290			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		13.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668300			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668302			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668303			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		21.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668294			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		5.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668295			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		13.51			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668296			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		2.16			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668301			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		18.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668304			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668293			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		10.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668283			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668285			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.76			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668287			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11668298			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668297			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		15.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668299			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		17.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668305			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		22.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668288			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		15.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668289			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668292			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		11.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11668306			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.17			
Test Level UOM:		m			

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

Pump Test Detail ID: 11668307
Test Type: Draw Down
Test Duration: 60
Test Level: 23.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11668308
Test Type: Recovery
Test Duration: 60
Test Level: 0.16
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11668291
Test Type: Draw Down
Test Duration: 5
Test Level: 6.68
Test Level UOM: m

Water Details

Water ID: 934079350
Layer: 1
Kind Code:
Kind:
Water Found Depth: 44.49
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11681405
Diameter: 22.75
Depth From: 0
Depth To: 13.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11681404
Diameter: 15.23
Depth From: 13.1
Depth To: 46.63
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	<u>125</u>	1 of 1	ENE/232.3	94.9 / 0.00	lot 22 con 4 RICHMOND ON
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Well ID: 1536826	Data Entry Status:
Construction Date:	Data Src:
Primary Water Use: Domestic	Date Received: 11/17/2006
Sec. Water Use:	Selected Flag: Yes
Final Well Status: Water Supply	Abandonment Rec:
Water Type:	Contractor: 1558

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing Material:				Form Version:	3
Audit No:	Z47070			Owner:	
Tag:	A041916			Street Name:	LOT 68, RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11691920	Elevation:	94.26464
DP2BR:	34	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433591
Code OB Desc:	Bedrock	North83:	5004638
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/28/2006	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	933071035
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3.65
Formation End Depth:	10.36
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	933071036
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10.36

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		42.66			
		m			
<u>Overburden and Bedrock Materials Interval</u>					
		933071037			
		4			
		2			
		GREY			
		18			
		SANDSTONE			
		42.66			
		45.1			
		m			
<u>Overburden and Bedrock Materials Interval</u>					
		933071034			
		1			
		6			
		BROWN			
		05			
		CLAY			
		0			
		3.65			
		m			
<u>Annular Space/Abandonment Sealing Record</u>					
		933286617			
		1			
		13.1			
		0			
		m			
<u>Method of Construction & Well Use</u>					
		4			
		Rotary (Air)			
<u>Pipe Information</u>					
		11696786			
		1			
<u>Construction Record - Casing</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		930873874			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930873875			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		45.1			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11701495			
Pump Set At:		30.47			
Static Level:		0.09			
Final Level After Pumping:		1.72			
Recommended Pump Depth:		22.75			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738042			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11739235			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738025			
Test Type:		Draw Down			
Test Duration:		1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		1.27			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11738027			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		1.4			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11738037			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		1.6			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11738044			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.42			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11739230			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		1.73			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11739231			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.42			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11738029			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		1.44			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11738030			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.51			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11738039			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738032			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		0.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738031			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738034			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738035			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		1.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738038			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738040			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738036			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.5			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738033			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		1.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738041			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		1.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738043			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		1.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738026			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11738028			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11739232			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.76			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11739233			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Pump Test Detail ID: 11739234					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 1.71					
Test Level UOM: m					
 <u>Water Details</u>					
Water ID: 934070909					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 42.66					
Water Found Depth UOM: m					
 <u>Hole Diameter</u>					
Hole ID: 11755510					
Diameter: 15.23					
Depth From: 13.1					
Depth To: 45.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
 <u>Hole Diameter</u>					
Hole ID: 11755511					
Diameter: 22.75					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

<i>WWIS</i>	<i>126</i>	<i>1 of 1</i>	<i>NE/233.7</i>	<i>94.9 / 0.00</i>	<i>RICHMOND ON</i>
Well ID: 7156119					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: Z115618					
Tag: A102478					
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:					
 <u>Bore Hole Information</u>					
Bore Hole ID: 1003434933					
DP2BR:					
Spatial Status:					
Code OB:					
Data Entry Status:					
Data Src:					
Date Received: 12/9/2010					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1558					
Form Version: 7					
Owner:					
Street Name: RICHMOND OAKS LOT 17					
County: OTTAWA-CARLETON					
Municipality: RICHMOND VILLAGE (GOULBOURN)					
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
 Elevation: 94.773605					
Elevrc:					
Zone: 18					
East83: 433477					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Code OB Desc:				North83:	5004775
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	9/17/2010			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1003732892
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.96
Formation End Depth: 10.05
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1003732893
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.05
Formation End Depth: 45.1
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1003732890
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1.82
Formation End Depth UOM: m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1003732891			
	Layer:	2			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:	79			
	Other Materials:	PACKED			
	Formation Top Depth:	1.82			
	Formation End Depth:	3.96			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1003732917			
	Layer:	1			
	Plug From:	11.88			
	Plug To:	0			
	Plug Depth UOM:	m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
	Method Construction ID:				
	Method Construction Code:	2			
	Method Construction:	Rotary (Convent.)			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	1003732888			
	Casing No:	0			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	1003732898			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	11.88			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Construction Record - Screen</u>					
	Screen ID:	1003732899			
	Layer:				
	Slot:				
	Screen Top Depth:				
	Screen End Depth:				
	Screen Material:				
	Screen Depth UOM:	m			
	Screen Diameter UOM:	cm			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003732889			
Pump Set At:		30.47			
Static Level:		0.5			
Final Level After Pumping:		0.41			
Recommended Pump Depth:		22.85			
Pumping Rate:		45.5			
Flowing Rate:		22.75			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003732912			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003732900			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003732903			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003732901			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003732905			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.37			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732906			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	0.38			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732908			
	Test Type:	Draw Down			
	Test Duration:	20			
	Test Level:	0.39			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732909			
	Test Type:	Draw Down			
	Test Duration:	25			
	Test Level:	0.39			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732904			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	0.37			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732911			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	0.4			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732902			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	0.36			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732907			
	Test Type:	Draw Down			
	Test Duration:	15			
	Test Level:	0.39			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003732910			
	Test Type:	Draw Down			
	Test Duration:	30			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003732913			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.41			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003732896			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.56			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1003732897			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003732894			
Diameter:		15.86			
Depth From:		0			
Depth To:		11.88			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003732895			
Diameter:		15.23			
Depth From:		11.88			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>128</u>	1 of 1	NE/235.8	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7156104			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	12/9/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z115637			Owner:	
Tag:	A102399			Street Name:	RICHMOND OAKS LOT 30
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1003434903	Elevation:	94.407722
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433435
Code OB Desc:		North83:	5004828
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	10/18/2010	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1003731057
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	78
Other Materials:	MEDIUM-GRAINED
Formation Top Depth:	10.97
Formation End Depth:	47.24
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1003731056
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	86
Other Materials:	STICKY
Formation Top Depth:	4.25
Formation End Depth:	10.97
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation ID: 1003730951					
Layer: 1					
Color: 6					
General Color: BROWN					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 12					
Other Materials: STONES					
Mat3: 79					
Other Materials: PACKED					
Formation Top Depth: 0					
Formation End Depth: 4.25					
Formation End Depth UOM: m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID: 1003731078					
Layer: 1					
Plug From: 13.1					
Plug To: 0					
Plug Depth UOM: m					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code: 2					
Method Construction: Rotary (Convent.)					
Other Method Construction: AIR PERCUSSION					
<u>Pipe Information</u>					
Pipe ID: 1003730950					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1003730954					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From: -0.45					
Depth To: 13.1					
Casing Diameter: 15.86					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1003730955					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	1003731055			
	Pump Set At:	30.47			
	Static Level:				
	Final Level After Pumping:	9.62			
	Recommended Pump Depth:	30.47			
	Pumping Rate:	36.4			
	Flowing Rate:				
	Recommended Pump Rate:	36.4			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	0			
	Pumping Duration HR:	1			
	Pumping Duration MIN:				
	Flowing:				
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003731063			
	Test Type:	Draw Down			
	Test Duration:	3			
	Test Level:	2.55			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003731069			
	Test Type:	Draw Down			
	Test Duration:	10			
	Test Level:	5.33			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003731065			
	Test Type:	Draw Down			
	Test Duration:	4			
	Test Level:	3.05			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003731068			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	3.26			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	1003731074			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	9.25			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1003731066			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731067			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731076			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		9.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731061			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731064			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		5.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731071			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		6.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731072			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		7.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731073			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		8.28			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731075			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		9.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731060			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		8.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731059			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731070			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731062			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		6.65			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003730953			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		45.71			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003731058			
Diameter:		15.07			
Depth From:		13.1			
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID:		1003730952			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	129	1 of 1	NNE/235.8	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7171001				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z115734				
Tag:	A102483				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	11/2/2011				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 39 RICHMOND OAK				
County:	OTTAWA-CARLETON				
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
Lot:	023				
Concession:	04				
Concession Name:	CON				
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1003595035				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	6/20/2011				
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation:				95.24887	
Elevrc:					
Zone:				18	
East83:				433299	
North83:				5004989	
Org CS:				UTM83	
UTMRC:				5	
UTMRC Desc:				margin of error : 100 m - 300 m	
Location Method:				wwr	

Overburden and Bedrock

Materials Interval

Formation ID:	1004010995
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Formation End Depth:</i>		3.96			
<i>Formation End Depth UOM:</i>		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1004010997			
<i>Layer:</i>		3			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		11.27			
<i>Formation End Depth:</i>		45.41			
<i>Formation End Depth UOM:</i>		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1004010996			
<i>Layer:</i>		2			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>		86			
<i>Other Materials:</i>		STICKY			
<i>Formation Top Depth:</i>		3.96			
<i>Formation End Depth:</i>		11.27			
<i>Formation End Depth UOM:</i>		m			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
<i>Formation ID:</i>		1004010998			
<i>Layer:</i>		4			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		18			
<i>Most Common Material:</i>		SANDSTONE			
<i>Mat2:</i>					
<i>Other Materials:</i>					
<i>Mat3:</i>					
<i>Other Materials:</i>					
<i>Formation Top Depth:</i>		45.41			
<i>Formation End Depth:</i>		70.1			
<i>Formation End Depth UOM:</i>		m			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
<i>Plug ID:</i>		1004011019			
<i>Layer:</i>		1			
<i>Plug From:</i>		13.41			
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1004010993			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004011002			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.41			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004011003			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004010994			
Pump Set At:		15.23			
Static Level:		0			
Final Level After Pumping:		0.67			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		45.5			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011015			
Test Type:		Draw Down			
Test Duration:		50			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		0.66			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011005			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.61			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011006			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.61			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011013			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.65			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011016			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.67			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011004			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		1			
<i>Test Level:</i>		0.61			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011010			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0.64			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011012			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.65			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Pump Test Detail ID:</i>		1004011008			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		0.62			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011009			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.63			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011011			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		20			
<i>Test Level:</i>		0.64			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011014			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.66			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		1004011007			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.62			
<i>Test Level UOM:</i>		m			
 <i><u>Water Details</u></i>					
<i>Water ID:</i>		1004011001			
<i>Layer:</i>		1			
<i>Kind Code:</i>		8			
<i>Kind:</i>		Untested			
<i>Water Found Depth:</i>		66.74			
<i>Water Found Depth UOM:</i>		m			
 <i><u>Hole Diameter</u></i>					
<i>Hole ID:</i>		1004010999			
<i>Diameter:</i>		15.86			
<i>Depth From:</i>		0			
<i>Depth To:</i>		13.41			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
 <i><u>Hole Diameter</u></i>					
<i>Hole ID:</i>		1004011000			
<i>Diameter:</i>		15.23			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Depth From:		13.41			
Depth To:		70.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	130	1 of 1	ENE/237.1	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	1536608			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/25/2006
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z47013			Owner:	
Tag:	A041904			Street Name:	LOT 67 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	11550674			Elevation:	94.555358
DP2BR:	34			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433610
Code OB Desc:	Bedrock			North83:	5004623
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	7/14/2006			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID:	933066926
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	74
Other Materials:	LAYERED
Formation Top Depth:	10.36
Formation End Depth:	45.1
Formation End Depth UOM:	m

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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**Overburden and Bedrock
Materials Interval**

Formation ID: 933066924
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: 3.65
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 933066925
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.65
Formation End Depth: 10.36
Formation End Depth UOM: m

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID: 11560281
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930885025
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.45
Depth To: 13.1
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Casing ID:		930885026			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		45.1			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11569611			
Pump Set At:		36.57			
Static Level:					
Final Level After Pumping:		5.54			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667916			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667921			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667930			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667908			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.74			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667910			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667924			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		5.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667928			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		5.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667909			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		1.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667911			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667915			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667920			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.13			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667922			
Test Type:		Draw Down			
Test Duration:		25			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		5.26			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667912			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		3.43			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667913			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.24			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667917			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667919			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667925			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667926			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		5.41			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11667929			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		50			
<i>Test Level:</i>		0			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11667914			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667918			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		4.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667923			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667906			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.65			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667907			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		2.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667927			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11667931			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934079345			
Layer:		1			
Kind Code:					
Kind:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water Found Depth:		42.97			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11681398			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11681397			
Diameter:		22.75			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	131	1 of 1	NE/237.4	94.9 / 0.00	RICHMOND ON
Well ID:	7171002				
Construction Date:					
Primary Water Use:	Domestic				
Sec. Water Use:					
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:	Z115735				
Tag:	A102482				
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src:					
Date Received:	11/2/2011				
Selected Flag:	Yes				
Abandonment Rec:					
Contractor:	1558				
Form Version:	7				
Owner:					
Street Name:	LOT 34 RICHMOND OAKS				
County:	OTTAWA-CARLETON				
Municipality:	RICHMOND VILLAGE (GOULBOURN)				
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID:	1003595047				
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:	6/21/2011				
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Elevation:				95.117622	
Elevrc:					
Zone:				18	
East83:				433378	
North83:				5004898	
Org CS:				UTM83	
UTMRC:				5	
UTMRC Desc:				margin of error : 100 m - 300 m	
Location Method:				wwr	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004011130			
	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:	3.65			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004011133			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	18			
	Most Common Material:	SANDSTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	45.1			
	Formation End Depth:	71.62			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004011131			
	Layer:	2			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	3.65			
	Formation End Depth:	11.27			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004011132			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Formation Top Depth:</i>		11.27			
<i>Formation End Depth:</i>		45.1			
<i>Formation End Depth UOM:</i>		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
<i>Plug ID:</i>		1004011156			
<i>Layer:</i>		1			
<i>Plug From:</i>		13.1			
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>		AIR PERCUSSION			
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1004011128			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1004011137			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		-0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1004011138			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1004011129			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>		0			
<i>Final Level After Pumping:</i>		4.83			
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		9.1			
<i>Recommended Pump Rate:</i>		45.5			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Y			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011144			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		3.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011145			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3.92			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011147			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		4.68			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011141			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.75			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011150			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4.78			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011153			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		4.83			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011140			
Test Type:		Draw Down			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Duration:		2			
Test Level:		2.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011142			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011146			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011139			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011143			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011148			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		4.76			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011149			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		4.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011151			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		4.8			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011152			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		4.81			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004011136			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		70.71			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004011135			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		71.62			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004011134			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	<u>132</u>	1 of 1	NE/239.1	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7171006				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	
Sec. Water Use:				Date Received:	11/2/2011
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z115719			Form Version:	7
Tag:	A102489			Owner:	
Construction Method:				Street Name:	LOT 33 RICHMOND OAKS
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	023
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	
<u>Bore Hole Information</u>					
Bore Hole ID:	1003595075			Elevation:	95.117614
DP2BR:				Elevrc:	

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Spatial Status:				Zone:	18
Code OB:				East83:	433392
Code OB Desc:				North83:	5004884
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	6/7/2011			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1004011472
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 3.96
Formation End Depth: 10.97
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1004011473
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3: 74
Other Materials: LAYERED
Formation Top Depth: 10.97
Formation End Depth: 45.1
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1004011471
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004011496			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1004011469			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004011477			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004011478			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1004011470			
Pump Set At:		33.52			
Static Level:		0			
Final Level After Pumping:		2.78			
Recommended Pump Depth:		22.85			
Pumping Rate:		45.5			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		Y			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011489			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.67			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011486			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.34			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011488			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.54			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011492			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.75			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011483			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		1.89			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011484			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.01			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011485			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.11			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011491			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		2.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011481			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011482			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011487			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011480			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.07			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011479			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.13			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011490			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004011493			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.78			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004011476			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004011474			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004011475			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	133	1 of 1	NNE/239.5	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	7170979			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	11/2/2011
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z115744			Owner:	
Tag:	A102459			Street Name:	LOT 36 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1003594904	Elevation:	95.193069
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433341
Code OB Desc:		North83:	5004945

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	5
Date Completed:	7/11/2011			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 1004009440
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3: 73
Other Materials: HARD
Formation Top Depth: 45.41
Formation End Depth: 70.1
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1004009438
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 77
Other Materials: LOOSE
Formation Top Depth: 3.96
Formation End Depth: 11.27
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 1004009437
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 3.96
Formation End Depth UOM: m

Overburden and Bedrock

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Materials Interval</u>					
Formation ID:		1004009439			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:		73			
Other Materials:		HARD			
Formation Top Depth:		11.27			
Formation End Depth:		45.41			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1004009463			
Layer:		1			
Plug From:		0			
Plug To:		13.1			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1004009435			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004009444			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1004009445			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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Results of Well Yield Testing

Pump Test ID: 1004009436
Pump Set At: 30.47
Static Level: 0.7
Final Level After Pumping: 1.38
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate:
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 1004009457
Test Type: Draw Down
Test Duration: 30
Test Level: 1.32
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004009450
Test Type: Draw Down
Test Duration: 3
Test Level: 1.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004009452
Test Type: Draw Down
Test Duration: 5
Test Level: 1.28
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004009453
Test Type: Draw Down
Test Duration: 10
Test Level: 1.29
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004009456
Test Type: Draw Down
Test Duration: 25
Test Level: 1.31
Test Level UOM: m

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1004009448			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009458			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		1.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009447			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009451			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		1.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009454			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		1.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009460			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		1.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009446			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.26			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009459			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		1.36			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009449			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004009455			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		1.31			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004009443			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		69.49			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1004009441			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1004009442			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		70.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS

[134](#)

1 of 1

E/240.1

94.6 / -0.25

lot 23 con 3
ON

Well ID: 1510029
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:

Data Entry Status:
Data Src: 1
Date Received: 5/5/1969
Selected Flag: Yes
Abandonment Rec:
Contractor: 4847
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE (GOULBOURN)
Site Info:
Lot: 023
Concession: 03

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Overburden/Bedrock:				Concession Name:	CON
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:	10032060	Elevation:	94.227752
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433730.6
Code OB Desc:	Bedrock	North83:	5004332
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	12/18/1968	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931013699
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	48
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931013698
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	25
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10580630			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930056739			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930056740			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		48			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991510029			
Pump Set At:					
Static Level:		0			
Final Level After Pumping:		8			
Recommended Pump Depth:		20			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		N			
 <u>Water Details</u>					
Water ID:		933464962			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		30			
Water Found Depth UOM:		ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
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WWIS **135** 1 of 1 **NNE/241.1** **94.9 / 0.00** **RICHMOND ON**

Well ID:	7176380	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Domestic	Date Received:	2/9/2012
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	7
Audit No:	Z139727	Owner:	
Tag:	A119656	Street Name:	LOT 35 RICHMOND OAKS
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	RICHMOND VILLAGE (GOULBOURN)
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:	1003689913	Elevation:	95.143043
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433365
Code OB Desc:		North83:	5004919
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	5
Date Completed:	11/24/2011	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004057152
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3.96
Formation End Depth:	11.27
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004057153
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DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		11.27			
Formation End Depth:		50.28			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004057154			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Other Materials:					
Mat3:					
Other Materials:					
Formation Top Depth:		50.28			
Formation End Depth:		74.67			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1004057151			
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:		3.96			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1004057176			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			

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

Pipe ID: 1004057149
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004057158
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From: -0.45
Depth To: 13.1
Casing Diameter: 15.86
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1004057159
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1004057150
Pump Set At: 15.23
Static Level: 0.2
Final Level After Pumping: 0.51
Recommended Pump Depth: 15.23
Pumping Rate: 54.6
Flowing Rate:
Recommended Pump Rate: 45.5
Levels UOM: m
Rate UOM: LPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 1004057161
Test Type: Recovery
Test Duration: 1
Test Level: 0.2
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1004057162

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		0.42			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057163			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		0.43			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057170			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		0.5			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057169			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.5			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057171			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.51			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057173			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		0.51			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057164			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		0.44			
<i>Test Level UOM:</i>		m			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		1004057166			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		0.48			
<i>Test Level UOM:</i>		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
		1004057167			
		Pump Test Detail ID:	Draw Down		
		Test Type:	15		
		Test Duration:	0.49		
		Test Level:	m		
		Test Level UOM:			
<u>Draw Down & Recovery</u>					
		1004057172			
		Pump Test Detail ID:	Draw Down		
		Test Type:	50		
		Test Duration:	0.51		
		Test Level:	m		
		Test Level UOM:			
<u>Draw Down & Recovery</u>					
		1004057160			
		Pump Test Detail ID:	Draw Down		
		Test Type:	1		
		Test Duration:	0.4		
		Test Level:	m		
		Test Level UOM:			
<u>Draw Down & Recovery</u>					
		1004057168			
		Pump Test Detail ID:	Draw Down		
		Test Type:	20		
		Test Duration:	0.49		
		Test Level:	m		
		Test Level UOM:			
<u>Draw Down & Recovery</u>					
		1004057165			
		Pump Test Detail ID:	Draw Down		
		Test Type:	5		
		Test Duration:	0.45		
		Test Level:	m		
		Test Level UOM:			
<u>Water Details</u>					
		1004057157			
		Water ID:	1		
		Layer:	8		
		Kind Code:	Untested		
		Kind:	74.36		
		Water Found Depth:	m		
		Water Found Depth UOM:			
<u>Hole Diameter</u>					
		1004057156			
		Hole ID:	15.23		
		Diameter:	13.1		
		Depth From:	74.67		
		Depth To:	m		
		Hole Depth UOM:	cm		
		Hole Diameter UOM:			
<u>Hole Diameter</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID:		1004057155			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

WWIS	136	1 of 1	E/241.3	93.8 / -1.08	lot 23 con 4 ON
Well ID:	1528271			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/3/1994
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:	137512			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	10049810			Elevation:	94.407203
DP2BR:	27			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	433729.6
Code OB Desc:	Bedrock			North83:	5004312
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	10/13/1994			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock Materials Interval

Formation ID:	931069140
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	103

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931069139			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		0			
Formation End Depth:		27			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10598380			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930087057			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930087058			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		103			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991528271			
Pump Set At:					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		14			
		60			
		60			
		9			
		9			
		ft			
		GPM			
		2			
		CLOUDY			
		1			
		1			
		0			
		N			

Draw Down & Recovery

Pump Test Detail ID: 934905427
Test Type: Recovery
Test Duration: 60
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648243
Test Type: Recovery
Test Duration: 45
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387728
Test Type: Recovery
Test Duration: 30
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104103
Test Type: Recovery
Test Duration: 15
Test Level: 19
Test Level UOM: ft

Water Details

Water ID: 933487896
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 98
Water Found Depth UOM: ft

WWIS **137** **1 of 1** **NE/242.6** **94.9 / 0.00** **lot 23 con 4
RICHMOND ON**

Well ID: 7199500 **Data Entry Status:**
Construction Date: **Data Src:**
Primary Water Use: Domestic **Date Received:** 3/28/2013

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z139866			Owner:	
Tag:	A123355			Street Name:	LOT 32 RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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:	1004269099	Elevation:	95.117279
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	433400
Code OB Desc:		North83:	5004880
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	11/29/2012	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004961775
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.96
Formation End Depth:	11.27
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	1004961773
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Other Materials:	STONES

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Mat3:					
Other Materials:					
	Formation Top Depth:	0			
	Formation End Depth:	2.43			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004961777			
	Layer:	5			
	Color:	2			
	General Color:	GREY			
	Mat1:	18			
	Most Common Material:	SANDSTONE			
	Mat2:				
	Other Materials:				
	Mat3:	73			
	Other Materials:	HARD			
	Formation Top Depth:	50.28			
	Formation End Depth:	68.57			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004961776			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	11.27			
	Formation End Depth:	50.28			
	Formation End Depth UOM:	m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	1004961774			
	Layer:	2			
	Color:	6			
	General Color:	BROWN			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:				
	Other Materials:				
	Mat3:	79			
	Other Materials:	PACKED			
	Formation Top Depth:	2.43			
	Formation End Depth:	3.96			
	Formation End Depth UOM:	m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	1004961799			
	Layer:	1			
	Plug From:	13.1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Plug To:</i>		0			
<i>Plug Depth UOM:</i>		m			
 <u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>					
<i>Method Construction Code:</i>		2			
<i>Method Construction:</i>		Rotary (Convent.)			
<i>Other Method Construction:</i>		AIR PERCUSSION			
 <u>Pipe Information</u>					
<i>Pipe ID:</i>		1004961771			
<i>Casing No:</i>		0			
<i>Comment:</i>					
<i>Alt Name:</i>					
 <u>Construction Record - Casing</u>					
<i>Casing ID:</i>		1004961781			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>		0.45			
<i>Depth To:</i>		13.1			
<i>Casing Diameter:</i>		15.86			
<i>Casing Diameter UOM:</i>		cm			
<i>Casing Depth UOM:</i>		m			
 <u>Construction Record - Screen</u>					
<i>Screen ID:</i>		1004961782			
<i>Layer:</i>					
<i>Slot:</i>					
<i>Screen Top Depth:</i>					
<i>Screen End Depth:</i>					
<i>Screen Material:</i>					
<i>Screen Depth UOM:</i>		m			
<i>Screen Diameter UOM:</i>		cm			
<i>Screen Diameter:</i>					
 <u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		1004961772			
<i>Pump Set At:</i>		15.23			
<i>Static Level:</i>		0.3			
<i>Final Level After Pumping:</i>		0.4			
<i>Recommended Pump Depth:</i>		15.23			
<i>Pumping Rate:</i>		54.6			
<i>Flowing Rate:</i>		0.03			
<i>Recommended Pump Rate:</i>		45.5			
<i>Levels UOM:</i>		m			
<i>Rate UOM:</i>		LPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		0			
<i>Pumping Duration HR:</i>		1			
<i>Pumping Duration MIN:</i>					
<i>Flowing:</i>		N			

Draw Down & Recovery

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		1004961783			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961796			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961787			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961795			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961784			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		0.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961794			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961786			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961788			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		0.41			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961789			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961793			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961790			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961792			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		0.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961785			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		0.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004961791			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		0.4			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1004961780			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		68.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Hole ID: 1004961778					
Diameter: 15.86					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
Hole Diameter					
Hole ID: 1004961779					
Diameter: 14.91					
Depth From: 13.1					
Depth To: 68.57					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	138	1 of 1	ENE/243.2	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID: 1534962					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: Z07034					
Tag: A006926					
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: 9/10/2004					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1558					
Form Version: 3					
Owner:					
Street Name: LOT 71, RICHMOND OAKS					
County: OTTAWA-CARLETON					
Municipality: GOULBOURN TOWNSHIP					
Site Info:					
Lot: 023					
Concession: 04					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Bore Hole Information

Bore Hole ID: 11172714					
DP2BR: 35					
Spatial Status:					
Code OB: r					
Code OB Desc: Bedrock					
Open Hole:					
Cluster Kind:					
Date Completed: 6/14/2004					
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 932968588

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
		1			
		6			
		BROWN			
		05			
		CLAY			
		0			
		3.65			
		m			

**Overburden and Bedrock
Materials Interval**

Formation ID:	932968589
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	3.65
Formation End Depth:	10.66
Formation End Depth UOM:	m

**Overburden and Bedrock
Materials Interval**

Formation ID:	932968590
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10.66
Formation End Depth:	52.73
Formation End Depth UOM:	m

**Method of Construction & Well
Use**

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

Pipe Information

Pipe ID:	11181233
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Casing ID:		930842937			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930842938			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		52.73			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11189606			
Pump Set At:		45.72			
Static Level:		1.8			
Final Level After Pumping:		6.49			
Recommended Pump Depth:		22.86			
Pumping Rate:		45.5			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204058			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204073			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		6.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204074			
Test Type:		Recovery			
Test Duration:		25			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		1.93			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204075			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		6.44			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204442			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		1.9			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204443			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		6.48			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204448			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			
<i>Test Level:</i>		1.85			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204060			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3.03			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204068			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		10			
<i>Test Level:</i>		2.06			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		11204069			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		6.15			
<i>Test Level UOM:</i>		m			
 <u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11204444			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		1.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204057			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		3.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204063			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204065			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.89			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204071			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		6.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204072			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		1.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204066			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		2.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204059			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.84			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204061			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204062			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		2.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204064			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		2.18			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204067			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		5.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204445			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204446			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		1.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11204447			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID: 11204070					
Test Type: Recovery					
Test Duration: 15					
Test Level: 2.02					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 934050408					
Layer: 2					
Kind Code:					
Kind:					
Water Found Depth: 50.59					
Water Found Depth UOM: m					
<u>Water Details</u>					
Water ID: 934050407					
Layer: 1					
Kind Code:					
Kind:					
Water Found Depth: 44.8					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 11305807					
Diameter: 15.23					
Depth From: 13.1					
Depth To: 52.73					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 11305806					
Diameter: 22.75					
Depth From: 0					
Depth To: 13.1					
Hole Depth UOM: m					
Hole Diameter UOM: cm					

WWIS	139	1 of 1	ENE/243.5	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	1534959				
Construction Date:				Data Entry Status:	
Primary Water Use:	Domestic			Data Src:	1
Sec. Water Use:				Date Received:	9/10/2004
Final Well Status:	Water Supply			Selected Flag:	Yes
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	1558
Audit No:	Z07035			Form Version:	3
Tag:	A006927			Owner:	
Construction Method:				Street Name:	LOT 72, RICHMOND OAKS
Elevation (m):				County:	OTTAWA-CARLETON
Elevation Reliability:				Municipality:	GOULBOURN TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	023
Overburden/Bedrock:				Concession:	04
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
				Zone:	

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

UTM Reliability:

Bore Hole Information

Bore Hole ID:	11172711	Elevation:	94.770599
DP2BR:	35	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	433544
Code OB Desc:	Bedrock	North83:	5004711
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	6/15/2004	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932968581
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	10.66
Formation End Depth:	52.73
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	932968579
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:	3.65
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	932968580
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Most Common Material:		CLAY			
Mat2:		12			
Other Materials:		STONES			
Mat3:					
Other Materials:					
Formation Top Depth:		3.65			
Formation End Depth:		10.66			
Formation End Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11181230			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930842931			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Casing</u>					
Casing ID:		930842932			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		13.1			
Depth To:		52.73			
Casing Diameter:					
Casing Diameter UOM:					
Casing Depth UOM:		m			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		11189603			
Pump Set At:		45.72			
Static Level:		0			
Final Level After Pumping:		13.42			
Recommended Pump Depth:		30.48			
Pumping Rate:		45.5			
Flowing Rate:		9.1			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259087			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		1.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259090			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		11.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259100			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		13.42			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259099			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11258695			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11258699			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11258700			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.16			
Test Level UOM:		m			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259096			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		13.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259101			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11258691			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11258692			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		10.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259089			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259091			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11259095			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		0.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11258701			
Test Type:		Draw Down			
Test Duration:		10			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Test Level:</i>		8.4			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11258694			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		8.26			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11258698			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		4			
<i>Test Level:</i>		5.32			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11258693			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		3.91			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11259088			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		10.4			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11259092			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		12.25			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11259097			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		40			
<i>Test Level:</i>		0.63			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					
<i>Pump Test Detail ID:</i>		11259093			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		0.68			
<i>Test Level UOM:</i>		m			
 <i><u>Draw Down & Recovery</u></i>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<i>Pump Test Detail ID:</i> 11259094					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 30					
<i>Test Level:</i> 12.72					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 11259098					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 50					
<i>Test Level:</i> 13.39					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 11258696					
<i>Test Type:</i> Recovery					
<i>Test Duration:</i> 3					
<i>Test Level:</i> 6.53					
<i>Test Level UOM:</i> m					
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i> 11258697					
<i>Test Type:</i> Draw Down					
<i>Test Duration:</i> 4					
<i>Test Level:</i> 5.64					
<i>Test Level UOM:</i> m					
<u>Water Details</u>					
<i>Water ID:</i> 934050401					
<i>Layer:</i> 1					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i> 44.8					
<i>Water Found Depth UOM:</i> m					
<u>Water Details</u>					
<i>Water ID:</i> 934050402					
<i>Layer:</i> 2					
<i>Kind Code:</i>					
<i>Kind:</i>					
<i>Water Found Depth:</i> 50.29					
<i>Water Found Depth UOM:</i> m					
<u>Hole Diameter</u>					
<i>Hole ID:</i> 11305801					
<i>Diameter:</i> 15.23					
<i>Depth From:</i> 13.1					
<i>Depth To:</i> 52.73					
<i>Hole Depth UOM:</i> m					
<i>Hole Diameter UOM:</i> cm					
<u>Hole Diameter</u>					
<i>Hole ID:</i> 11305800					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<i>Diameter:</i>		22.75			
<i>Depth From:</i>		0			
<i>Depth To:</i>		13.1			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

WWIS	141	1 of 1	E/245.0	94.9 / 0.00	lot 22 con 3 ON
<i>Well ID:</i>	1532034			<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	1
<i>Primary Water Use:</i>	Domestic			<i>Date Received:</i>	7/18/2001
<i>Sec. Water Use:</i>				<i>Selected Flag:</i>	Yes
<i>Final Well Status:</i>	Water Supply			<i>Abandonment Rec:</i>	
<i>Water Type:</i>				<i>Contractor:</i>	1558
<i>Casing Material:</i>				<i>Form Version:</i>	1
<i>Audit No:</i>	230137			<i>Owner:</i>	
<i>Tag:</i>				<i>Street Name:</i>	
<i>Construction Method:</i>				<i>County:</i>	OTTAWA-CARLETON
<i>Elevation (m):</i>				<i>Municipality:</i>	GOULBOURN TOWNSHIP
<i>Elevation Reliability:</i>				<i>Site Info:</i>	
<i>Depth to Bedrock:</i>				<i>Lot:</i>	022
<i>Well Depth:</i>				<i>Concession:</i>	03
<i>Overburden/Bedrock:</i>				<i>Concession Name:</i>	CON
<i>Pump Rate:</i>				<i>Easting NAD83:</i>	
<i>Static Water Level:</i>				<i>Northing NAD83:</i>	
<i>Flowing (Y/N):</i>				<i>Zone:</i>	
<i>Flow Rate:</i>				<i>UTM Reliability:</i>	
<i>Clear/Cloudy:</i>					

Bore Hole Information

<i>Bore Hole ID:</i>	10516484			<i>Elevation:</i>	94.177894
<i>DP2BR:</i>	28			<i>Elevrc:</i>	
<i>Spatial Status:</i>	Improved			<i>Zone:</i>	18
<i>Code OB:</i>	r			<i>East83:</i>	433736
<i>Code OB Desc:</i>	Bedrock			<i>North83:</i>	5004355
<i>Open Hole:</i>				<i>Org CS:</i>	N83
<i>Cluster Kind:</i>				<i>UTMRC:</i>	3
<i>Date Completed:</i>	6/21/2001			<i>UTMRC Desc:</i>	margin of error : 10 - 30 m
<i>Remarks:</i>				<i>Location Method:</i>	
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>	1999-2004 MOE Water Well Data Improvement Project				
<i>Improvement Location Method:</i>	GIS				
<i>Source Revision Comment:</i>	Northing and/or Easting field has been changed. Location estimated from sketch map.measuring from a building				
<i>Supplier Comment:</i>	Determined to be an improvement rather than a Lot Centroid in December 2009.				

Overburden and Bedrock

Materials Interval

<i>Formation ID:</i>	932831624
<i>Layer:</i>	2
<i>Color:</i>	2
<i>General Color:</i>	GREY
<i>Mat1:</i>	05
<i>Most Common Material:</i>	CLAY
<i>Mat2:</i>	
<i>Other Materials:</i>	
<i>Mat3:</i>	
<i>Other Materials:</i>	
<i>Formation Top Depth:</i>	10
<i>Formation End Depth:</i>	25
<i>Formation End Depth UOM:</i>	ft

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932831626			
	Layer:	4			
	Color:	2			
	General Color:	GREY			
	Mat1:	15			
	Most Common Material:	LIMESTONE			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	28			
	Formation End Depth:	75			
	Formation End Depth UOM:	ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932831623			
	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			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
	Formation ID:	932831625			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	11			
	Most Common Material:	GRAVEL			
	Mat2:				
	Other Materials:				
	Mat3:				
	Other Materials:				
	Formation Top Depth:	25			
	Formation End Depth:	28			
	Formation End Depth UOM:	ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
	Plug ID:	933219492			
	Layer:	1			
	Plug From:	0			
	Plug To:	31			
	Plug Depth UOM:	ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Method Construction ID:					
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11065054			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930093949			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930093950			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991532034			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		30			
Recommended Pump Depth:		50			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		N			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934659758			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934398264			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934115204			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934916645			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008107			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		62			
Water Found Depth UOM:		ft			

WWIS	<u>142</u>	1 of 1	NE/245.7	94.9 / 0.00	lot 22 con 4 RICHMOND ON
Well ID:	7156105			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	12/9/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z115636			Owner:	
Tag:	A102398			Street Name:	RICHMOND OAKS LOT 31
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	022
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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: 1003434905 **Elevation:** 94.960121
DP2BR: **Elevrc:**

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Spatial Status:				Zone:	18
Code OB:				East83:	433426
Code OB Desc:				North83:	5004854
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	10/18/2010			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 1003731175
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 4.26
Formation End Depth: 10.97
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1003731174
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4.26
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 1003731176
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 18
Other Materials: SANDSTONE
Mat3:
Other Materials:
Formation Top Depth: 10.97
Formation End Depth: 45.1
Formation End Depth UOM: m

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003731200			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:					
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003731172			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003731180			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-0.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003731181			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003731173			
Pump Set At:		15.23			
Static Level:		0.5			
Final Level After Pumping:		3.7			
Recommended Pump Depth:		15.23			
Pumping Rate:		54.6			
Flowing Rate:		13.65			
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		Y			
Flowing:		Y			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731186			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2.28			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731189			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731196			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731187			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731194			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		3.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731184			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		1.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731190			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.6			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731193			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731183			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731195			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731182			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731185			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731188			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731191			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003731192			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3.63			
Test Level UOM:		m			

Water Details

Water ID: 1003731179
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 43.88
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003731178
Diameter: 15.23
Depth From: 13.1
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003731177
Diameter: 15.86
Depth From: 0
Depth To: 13.1
Hole Depth UOM: m
Hole Diameter UOM: cm

WWIS	143	1 of 1	ENE/245.9	94.9 / 0.00	lot 23 con 4 RICHMOND ON
Well ID:	1534952			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/10/2004
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z13718			Owner:	
Tag:	A013616			Street Name:	LOT 69, RICHMOND OAKS
Construction Method:				County:	OTTAWA-CARLETON
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	04
Overburden/Bedrock:				Concession Name:	CON
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: 11172704
DP2BR: 34
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Elevation: 94.21968
Elevrc:
Zone: 18
East83: 433586
North83: 5004665

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	8/5/2004			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 932968557
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1.52
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 932968560
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10.36
Formation End Depth: 48.76
Formation End Depth UOM: m

**Overburden and Bedrock
Materials Interval**

Formation ID: 932968558
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 1.52
Formation End Depth: 4.26
Formation End Depth UOM: m

Overburden and Bedrock

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Materials Interval</u>					
	Formation ID:	932968559			
	Layer:	3			
	Color:	2			
	General Color:	GREY			
	Mat1:	05			
	Most Common Material:	CLAY			
	Mat2:	12			
	Other Materials:	STONES			
	Mat3:				
	Other Materials:				
	Formation Top Depth:	4.26			
	Formation End Depth:	10.36			
	Formation End Depth UOM:	m			
<u>Method of Construction & Well Use</u>					
	Method Construction ID:				
	Method Construction Code:	4			
	Method Construction:	Rotary (Air)			
	Other Method Construction:				
<u>Pipe Information</u>					
	Pipe ID:	11181223			
	Casing No:	1			
	Comment:				
	Alt Name:				
<u>Construction Record - Casing</u>					
	Casing ID:	930842918			
	Layer:	2			
	Material:	4			
	Open Hole or Material:	OPEN HOLE			
	Depth From:	10.1			
	Depth To:	48.76			
	Casing Diameter:				
	Casing Diameter UOM:				
	Casing Depth UOM:	m			
<u>Construction Record - Casing</u>					
	Casing ID:	930842917			
	Layer:	1			
	Material:	1			
	Open Hole or Material:	STEEL			
	Depth From:	-0.45			
	Depth To:	13.1			
	Casing Diameter:	15.86			
	Casing Diameter UOM:	cm			
	Casing Depth UOM:	m			
<u>Results of Well Yield Testing</u>					
	Pump Test ID:	11189596			
	Pump Set At:	33.52			
	Static Level:	0.13			
	Final Level After Pumping:	3.97			
	Recommended Pump Depth:	22.86			
	Pumping Rate:	54.6			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Flowing Rate:					
	Recommended Pump Rate:	45.5			
	Levels UOM:	m			
	Rate UOM:	LPM			
	Water State After Test Code:	1			
	Water State After Test:	CLEAR			
	Pumping Test Method:	1			
	Pumping Duration HR:	1			
	Pumping Duration MIN:				
	Flowing:				
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11254557			
	Test Type:	Recovery			
	Test Duration:	4			
	Test Level:	0.39			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11254569			
	Test Type:	Recovery			
	Test Duration:	30			
	Test Level:	0.2			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11254570			
	Test Type:	Draw Down			
	Test Duration:	40			
	Test Level:	3.94			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11254167			
	Test Type:	Draw Down			
	Test Duration:	2			
	Test Level:	2.56			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11254558			
	Test Type:	Draw Down			
	Test Duration:	5			
	Test Level:	3.44			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					
	Pump Test Detail ID:	11254559			
	Test Type:	Recovery			
	Test Duration:	5			
	Test Level:	0.35			
	Test Level UOM:	m			
<u>Draw Down & Recovery</u>					

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
Pump Test Detail ID:		11254572			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254554			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254560			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3.78			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254564			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254568			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254565			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		0.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254562			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254566			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3.89			
Test Level UOM:		m			

DB	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254573			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		0.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254574			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254165			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		1.78			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254166			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		1.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254168			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		0.78			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254561			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		0.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254563			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		0.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254555			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
Test Type:		Recovery			
Test Duration:		3			
Test Level:		0.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254556			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		3.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254567			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		0.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254571			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		0.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11254575			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		0.2			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934050390			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		47.85			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		934050389			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		45.11			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11305787			
Diameter:		22.75			
Depth From:		0			
Depth To:		13.1			

<i>DB</i>	<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			
<u>Hole Diameter</u>					
<i>Hole ID:</i>		11305786			
<i>Diameter:</i>		15.23			
<i>Depth From:</i>		13.1			
<i>Depth To:</i>		48.76			
<i>Hole Depth UOM:</i>		m			
<i>Hole Diameter UOM:</i>		cm			

Unplottable Summary

Total: **41** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 21 Con 4	Richmond ON	
CA		Fortune Street	Ottawa ON	
CA	BRIAN ARBUCKLE	HAMILTON ST.	GOULBOURN ON	
CA	Hyde Park Residences Inc.	Perth Street, Regional Road 10	Ottawa ON	
CA	CERAMICS KINGSTON CERAMIQUES INC.	PART LOT 23, CONC. 3	RICHMOND TWP. ON	
GEN	CERAMICS KINGSTON CERAMIQUES	PART LOT 23, CONCESSION 3	RICHMOND TWP. ON	K7R 3L1
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	

NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
NDFT		FRANKTOWN RD., RICHMOND, ON	ON	
PES	RICHMOND HOME HARDWARE	BOX 1191	RICHMOND ON	K0A 2Z0
PRT	SELBY GENERAL STORE & GAS BAR SHEILA CASSIDY	LOT 21 CON 4	SELBY RICHMOND TWP ON	
PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4 Ottawa	ON	
PTTW	Richmond Village Development Corporation	Lots 22 and 23, Concessions 3 and 4 City of Ottawa, Ontario CITY OF OTTAWA	ON	
PTTW	Courtyard Developments Incorporated	Lot 23, Concession 4, Ottawa Ottawa	ON	
RSC		Part Lot 23	Ottawa ON	
WWIS		lot 21	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		lot 23	ON	
WWIS		lot 23	ON	
WWIS		lot 23	ON	
WWIS		lot 21	ON	
WWIS		lot 21	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	
WWIS		lot 22	ON	

Unplottable Report

Database: **AAGR** **Site:** **Lot 21 Con 4 Richmond ON**

Type: Pit
Region/County: Lennox & Addington
Township: Richmond
Concession: 4
Lot: 21
Size (ha): 0.7
Landuse:
Comments:

Database: **CA** **Site:** **Fortune Street Ottawa ON**

Certificate #: 9190-5E4L7L
Application Year: 02
Issue Date: 9/18/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: Ottawa
Client Postal Code: K1P 1J1
Project Description: Approval is sought for the construction of storm sewers on Fortune Street.
Contaminants:
Emission Control:

Database: **CA** **Site:** **BRIAN ARBUCKLE
HAMILTON ST. GOULBOURN ON**

Certificate #: 3-1143-85-006
Application Year: 85
Issue Date: 10/4/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Database: **CA** **Site:** **Hyde Park Residences Inc.
Perth Street, Regional Road 10 Ottawa ON**

Certificate #: 4222-5JVTWR
Application Year: 2003

Issue Date: 2/24/2003
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Database: CA **Site:** CERAMICS KINGSTON CERAMIQUES INC.
PART LOT 23, CONC. 3 RICHMOND TWP. ON

Certificate #: 8-4042-90-
Application Year: 90
Issue Date: 8/3/1990
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: RESEARCH FACILITY TO DEV.&PILOT TEST
Contaminants: Ammonia, Hydrogen Cyanide, Carbon Monoxide, Suspended Particulate Matter, Nitrogen Oxides, Sulphuric Acid
Emission Control: No Controls

Database: GEN **Site:** CERAMICS KINGSTON CERAMIQUES
PART LOT 23, CONCESSION 3 RICHMOND TWP. ON K7R 3L1

Generator No: ON1976300 **PO Box No:**
Status: **Country:**
Approval Years: 95,96,97,98,99,00,01 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 3751
SIC Description: PAINT & VARNISH IND.

Detail(s)

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

Database: NDFT **Site:** FRANKTOWN RD., RICHMOND, ON ON

Property Id: K6189
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1998
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Diesel
Capacity (L): 18897

Database: NDFT **Site:** FRANKTOWN RD., RICHMOND, ON ON

Property Id: K6193
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1996
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: NDFT **Site:** FRANKTOWN RD., RICHMOND, ON ON

Property Id: K6191
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1995
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: NDFT **Site:** FRANKTOWN RD., RICHMOND, ON ON

Property Id: K6200
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1995
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 910

Database: NDFT **Site:** FRANKTOWN RD., RICHMOND, ON ON

Property Id: K6203
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1995
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Diesel
Capacity (L): 2270

Database: NDFT **Site:** FRANKTOWN RD., RICHMOND, ON ON

Property Id: K6192
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1995
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6197
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1996
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6188
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1998
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Diesel
Capacity (L): 25000

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6201
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1997
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6202
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active

Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1997
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Diesel
Capacity (L): 5000

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6195
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1997
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 13600

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6194
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1996
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6190
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1996
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Diesel
Capacity (L): 910

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6198
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1996

Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 1135

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6199
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1995
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Heating fuel / furnace oil
Capacity (L): 910

Database: **NDFT** **Site:** **FRANKTOWN RD., RICHMOND, ON ON**

Property Id: K6196
Base Name: (0002) CF SUPPORT UNIT (OTTAWA)
Status: Tank currently active
Status As Of: May 25, 2001
Tank Class: Operating tank for heating or emergency power generator
Install Year: 1998
Tank Type: More Info Needed
Last Year Used:
Tank Contents: Diesel
Capacity (L): 4540

Database: **PES** **Site:** **RICHMOND HOME HARDWARE
BOX 1191 RICHMOND ON K0A 2Z0**

Detail Licence No:	23-01-11298-0	Operator Box:	
Licence No:	11298	Operator Class:	
Status:		Operator No:	
Approval Date:		Operator Type:	
Report Source:		Oper Area Code:	
Licence Type:	Limited Vendor	Oper Phone No:	
Licence Type Code:	23	Operator Ext:	
Licence Class:	01	Operator Lot:	
Licence Control:	0	Oper Concession:	
Latitude:		Operator Region:	4
Longitude:		Operator District:	
Lot:		Operator County:	15
Concession:		Op Municipality:	
Region:		Post Office Box:	
District:		MOE District:	
County:		SWP Area Name:	
Trade Name:			
PDF Link:			

Database: **PRT** **Site:** **SELBY GENERAL STORE & GAS BAR SHEILA CASSIDY
LOT 21 CON 4 SELBY RICHMOND TWP ON**

Location ID: 13289

Type: retail
Expiry Date: 1995-06-30
Capacity (L): 4000
Licence #: 0076413780

Database: **PTTW** Site: **Courtyard Developments Incorporated
Lot 23, Concession 4 Ottawa ON**

EBR Registry No: IA04E1672 **Decision Posted:**
Ministry Ref No: ER-6311-677S8H **Exception Posted:**
Notice Type: Instrument Decision **Section:**
Notice Stage: **Act 1:**
Notice Date: April 01, 2005 **Act 2:**
Proposal Date: November 30, 2004 **Site Location Map:**
Year: 2004
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:

Site Location Details:

Lot 23, Concession 4 Ottawa

Database: **PTTW** Site: **Richmond Village Development Corporation
Lots 22 and 23, Concessions 3 and 4 City of Ottawa, Ontario CITY OF OTTAWA ON**

EBR Registry No: 012-7586 **Decision Posted:**
Ministry Ref No: 3202-A9SHWQ **Exception Posted:**
Notice Type: Instrument Decision **Section:**
Notice Stage: **Act 1:**
Notice Date: October 09, 2018 **Act 2:**
Proposal Date: May 09, 2016 **Site Location Map:**
Year: 2016
Instrument Type: Permit to Take Water - OWRA s. 34
Off Instrument Name:
Posted By:
Company Name: Richmond Village Development Corporation(OWRA s. 34) - Permit to Take Water
Site Address:
Location Other:
Proponent Name: Richmond Village Development Corporation
Proponent Address: 3894 Prince of Wales Drive
Ottawa Ontario
Canada K2C 3H2
Comment Period:
URL: <http://www.ebr.gov.on.ca/ERS-WEB-External/displaynoticecontent.do?noticeId=MTI4NTQ1&statusId=MjA3MzQ0&language=en>

Site Location Details:

Lots 22 and 23, Concessions 3 and 4

City of Ottawa, Ontario
CITY OF OTTAWA

Database: **PTTW** **Site:** **Courtyard Developments Incorporated
Lot 23, Concession 4, Ottawa Ottawa ON**

EBR Registry No: IA05E0429 **Decision Posted:**
Ministry Ref No: ER-1113-6AYSQ **Exception Posted:**
Notice Type: Instrument Decision **Section:**
Notice Stage: **Act 1:**
Notice Date: July 22, 2005 **Act 2:**
Proposal Date: April 05, 2005 **Site Location Map:**
Year: 2005
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Courtyard Developments Incorporated
Site Address:
Location Other:
Proponent Name:
Proponent Address: 2811 Barlow Crescent, Dunrobin Ontario, K0A 1T0
Comment Period:
URL:

Site Location Details:

Lot 23, Concession 4, Ottawa Ottawa

Database: **RSC** **Site:** **Part Lot 23 Ottawa ON**

RSC ID: **Cert Date:**
RA No: **Cert Prop Use No:**
RSC Type: **Intended Prop Use:**
Curr Property Use: **Qual Person Name:**
Ministry District: Ottawa **Stratified (Y/N):** N
Filing Date: 07/05/01 **Audit (Y/N):**
Date Ack: 08/14/01 **Entire Leg Prop. (Y/N):**
Date Returned: **Accuracy Estimate:**
Restoration Type: Generic **Telephone:**
Soil Type: Medium/Fine **Fax:**
Criteria: Res/parkland + Nonpotable **Email:**
**CPU Issued Sect
1686:**
Asmt Roll No:
Prop ID No (PIN):
Property Municipal Address:
Mailing Address:
Latitude & Latitude:
UTM Coordinates:
Consultant: DST Consulting Engineers Inc.
Filing Owner:
Legal Desc:
Measurement Method:
Applicable Standards:
RSC PDF:

Database: **WWIS** **Site:** **lot 21 ON**

Well ID: 3707514 **Data Entry Status:**
Construction Date: **Data Src:** 1
Primary Water Use: Domestic **Date Received:** 10/22/1990
Sec. Water Use: **Selected Flag:** Yes
Final Well Status: Water Supply **Abandonment Rec:**
Water Type: **Contractor:** 1704

Casing Material:
Audit No: 81062
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Form Version: 1
Owner:
Street Name:
County: LENNOX & ADDINGTON
Municipality: RICHMOND TOWNSHIP
Site Info:
Lot: 021
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10236004
DP2BR: 15
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/4/1990
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: 931730442
Layer: 1
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931730443
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 15
Formation End Depth: 90
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933158290
Layer: 1
Plug From: 0
Plug To: 16
Plug 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: 10784574
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930399769
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 18
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993707514
Pump Set At:
Static Level: 14
Final Level After Pumping: 90
Recommended Pump Depth: 85
Pumping Rate: 1
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934223685
Test Type:
Test Duration: 15
Test Level: 90
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934491485
Test Type:
Test Duration: 30
Test Level: 90
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935012041
Test Type:
Test Duration: 60
Test Level: 90
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934750691
Test Type:
Test Duration: 45
Test Level: 90
Test Level UOM: ft

Water Details

Water ID: 933703666
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 22
Water Found Depth UOM: ft

Water Details

Water ID: 933703667
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 58
Water Found Depth UOM: ft

Database: **WWIS**

Site:

lot 22 ON

Well ID: 1525930
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 92114
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: 12/6/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047665
DP2BR: 35
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 9/27/1991
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: 931062700
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 37
Formation End Depth: 63
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062699
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 71
Other Materials: FRACTURED
Mat3: 26
Other Materials: ROCK
Formation Top Depth: 35
Formation End Depth: 37
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062698
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:

Other Materials:

Mat3:

Other Materials:

Formation Top Depth: 0
Formation End Depth: 35
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: 10596235
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083485
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 43
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083486
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525930
Pump Set At:
Static Level: 12
Final Level After Pumping: 50
Recommended Pump Depth: 50
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate: 30
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934650284
Test Type:
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105706
Test Type:
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389340
Test Type:
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907481
Test Type:
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933485072
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Water Details

Water ID: 933485071
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

Database: **WWIS**

Site:

lot 22 ON

Well ID: 1525843
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91580
Tag:

Data Entry Status:
Data Src: 1
Date Received: 11/22/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:

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:

County: OTTAWA-CARLETON
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047578
DP2BR: 0
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 10/15/1991
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: 931062453
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 4
Formation End Depth: 110
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062452
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 26
Other Materials: ROCK
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID: 933111394
Layer: 1
Plug From: 4
Plug To: 22
Plug 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: 10596148
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083288
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525843
Pump Set At:
Static Level: 38
Final Level After Pumping: 70
Recommended Pump Depth: 105
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate: 7
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934389285
Test Type: Draw Down
Test Duration: 30
Test Level: 69
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649815
Test Type: Draw Down
Test Duration: 45
Test Level: 70
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105628
Test Type: Draw Down
Test Duration: 15
Test Level: 58
Test Level UOM: ft

Water Details

Water ID: 933484967
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 103
Water Found Depth UOM: ft

Water Details

Water ID: 933484966
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 83
Water Found Depth UOM: ft

Database: **WWIS** **Site:** **lot 23 ON**

Well ID:	1531368	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/15/2000
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1119
Casing Material:		Form Version:	1
Audit No:	221687	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	RICHMOND VILLAGE
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
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:	10052902	Elevation:	
DP2BR:	24	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	

Cluster Kind:
Date Completed: 8/8/2000
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: 931078289
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 24
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931078290
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 24
Formation End Depth: 140
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933116534
Layer: 1
Plug From: 2
Plug To: 29
Plug 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: 10601472
Casing No: 1

Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092553
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092554
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092555
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531368
Pump Set At:
Static Level: -7
Final Level After Pumping: 120
Recommended Pump Depth: 120
Pumping Rate: 8
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: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: Y

Water Details

Water ID: 933491803
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 134

Water Found Depth UOM: ft

Water Details

Water ID: 933491802
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 109
Water Found Depth UOM: ft

Database: **WWIS** Site: **lot 23 ON**

Well ID:	1528156	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/27/1994
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	4006
Casing Material:		Form Version:	1
Audit No:	147502	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
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:	10049695	Elevation:	
DP2BR:	35	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/3/1994	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: 931068758
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:

Other Materials:
Formation Top Depth: 3
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068761
Layer: 5
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 44
Formation End Depth: 50
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068757
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 28
Other Materials: SAND
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068760
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3: 71
Other Materials: FRACTURED
Formation Top Depth: 38
Formation End Depth: 44
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931068759
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE

Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 35
Formation End Depth: 38
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068762
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 50
Formation End Depth: 120
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113011
Layer: 1
Plug From: 5
Plug To: 50
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: 10598265
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086853
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50
Casing Diameter: 10
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086855

Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086854
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528156
Pump Set At:
Static Level: 4
Final Level After Pumping: 79
Recommended Pump Depth: 100
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934387221
Test Type:
Test Duration: 30
Test Level: 31
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656549
Test Type:
Test Duration: 45
Test Level: 52
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112412
Test Type:
Test Duration: 15
Test Level: 79
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905341
Test Type:
Test Duration: 60
Test Level: 79
Test Level UOM: ft

Water Details

Water ID: 933487744
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 72
Water Found Depth UOM: ft

Water Details

Water ID: 933487745
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 114
Water Found Depth UOM: ft

Database: **WWIS** **Site:** **lot 23 ON**

Well ID:	1525460	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	6/14/1991
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3749
Casing Material:		Form Version:	1
Audit No:	91548	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
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:	10047198	Elevation:	
DP2BR:	4	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	5/13/1991	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: 931061217
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3: 14
Other Materials: HARDPAN
Formation Top Depth: 0
Formation End Depth: 4
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931061218
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3: 78
Other Materials: MEDIUM-GRAINED
Formation Top Depth: 4
Formation End Depth: 105
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111215
Layer: 2
Plug From: 7
Plug To: 21
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111214
Layer: 1
Plug From: 0
Plug To: 7
Plug 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: 10595768
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082636
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082637
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 105
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525460
Pump Set At:
Static Level: 6
Final Level After Pumping: 85
Recommended Pump Depth: 95
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934905824
Test Type: Draw Down
Test Duration: 60
Test Level: 85
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387687
Test Type: Draw Down
Test Duration: 30
Test Level: 55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112283
Test Type: Draw Down
Test Duration: 15
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648644
Test Type: Draw Down
Test Duration: 45
Test Level: 75
Test Level UOM: ft

Water Details

Water ID: 933484459
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 101
Water Found Depth UOM: ft

Database: **WWIS** **Site:** **lot 21 ON**

Well ID:	1524973	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	9/17/1990
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3644
Casing Material:		Form Version:	1
Audit No:	68453	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA-CARLETON
Elevation (m):		Municipality:	RICHMOND VILLAGE
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
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:	10046716	Elevation:	
DP2BR:	12	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/20/1990	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: 931059650
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931059651
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 63
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: 10595286
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081815
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930081814
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524973
Pump Set At:
Static Level: 8
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934904135
Test Type:
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385979
Test Type:
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110571
Test Type:
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655760
Test Type:
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933483761
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 55
Water Found Depth UOM: ft

Database: **WWIS** Site: **lot 21 ON**

Well ID:	3709013	Data Entry Status:	1
Construction Date:		Data Src:	7/26/1999
Primary Water Use:	Commerical	Date Received:	Yes
Sec. Water Use:		Selected Flag:	6881
Final Well Status:	Water Supply	Abandonment Rec:	1
Water Type:		Contractor:	
Casing Material:		Form Version:	
Audit No:	207102	Owner:	
Tag:		Street Name:	
Construction Method:		County:	LENNOX & ADDINGTON
Elevation (m):		Municipality:	RICHMOND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	021
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:	10237502	Elevation:	
DP2BR:	12	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	5/4/1999	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: 931735259
Layer: 1
Color: 8
General Color: BLACK
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 35
Other Materials: WOOD FRAGMENTS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931735260
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 1
Formation End Depth: 12
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931735261
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 20
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933159743
Layer: 1
Plug From: 0
Plug To: 8
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID:
Method Construction Code: A
Method Construction: Digging
Other Method Construction:

Pipe Information

Pipe ID: 10786072
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930401850
Layer: 1
Material: 3

Open Hole or Material: CONCRETE
Depth From:
Depth To: 20
Casing Diameter: 36
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993709013
Pump Set At:
Static Level: 8
Final Level After Pumping: 20
Recommended Pump Depth: 19
Pumping Rate: 130
Flowing Rate:
Recommended Pump Rate: 184
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: 45
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934219330
Test Type: Draw Down
Test Duration: 15
Test Level: 10
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934495490
Test Type: Draw Down
Test Duration: 30
Test Level: 17
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934745827
Test Type: Draw Down
Test Duration: 45
Test Level: 19
Test Level UOM: ft

Water Details

Water ID: 933705348
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 4
Water Found Depth UOM: ft

Database: [WWIS](#)

Site: **lot 22 ON**

Well ID: 3707714

Data Entry Status:

Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 89236
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 Src: 1
Date Received: 7/23/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 6382
Form Version: 1
Owner:
Street Name:
County: LENNOX & ADDINGTON
Municipality: RICHMOND TOWNSHIP
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10236204
DP2BR: 35
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/17/1991
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: 931731072
Layer: 3
Color: 9
General Color: BLUE-GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 8
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931731073
Layer: 4
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT

Mat3:
Other Materials:
Formation Top Depth: 12
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931731071
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 3
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931731074
Layer: 5
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Other Materials: MEDIUM-GRAINED
Mat3:
Other Materials:
Formation Top Depth: 35
Formation End Depth: 75
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931731070
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 28
Other Materials: SAND
Mat3: 85
Other Materials: SOFT
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933158489
Layer: 1
Plug From: 4
Plug To: 40
Plug 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: 10784774
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930400058
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 7
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930400059
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 75
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 993707714
Pump Set At:
Static Level: 18
Final Level After Pumping: 32
Recommended Pump Depth: 70
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934492048
Test Type:
Test Duration: 30

Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 935012171
Test Type:
Test Duration: 60
Test Level: 31
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934751239
Test Type:
Test Duration: 45
Test Level: 27
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934224249
Test Type:
Test Duration: 15
Test Level: 22
Test Level UOM: ft

Water Details

Water ID: 933703877
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 60
Water Found Depth UOM: ft

Database: **WWIS** Site: **lot 22 ON**

Well ID: 1525937
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 92103
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: 12/6/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE (GOULBOURN)
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047672 Elevation:

DP2BR: 46
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/30/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931062717
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 44
Formation End Depth: 46
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062718
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 46
Formation End Depth: 83
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931062716
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 44
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: 10596242
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083500
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083499
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525937
Pump Set At:
Static Level: 11
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 20
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934105713
Test Type:
Test Duration: 15
Test Level: 60

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650291
Test Type:
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907488
Test Type:
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389347
Test Type:
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933485083
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 76
Water Found Depth UOM: ft

Database: **WWIS**

Site: lot 22 ON

Well ID: 1525936
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 92104
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: 12/6/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE (GOULBOURN)
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047671
DP2BR: 39
Elevation:
Elevrc:

Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/27/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931062714
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3: 71
Other Materials: FRACTURED
Formation Top Depth: 38
Formation End Depth: 39
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931062713
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931062715
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 39
Formation End Depth: 183
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: 10596241
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083497
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083498
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 183
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525936
Pump Set At:
Static Level: 12
Final Level After Pumping: 160
Recommended Pump Depth: 160
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 1
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934105712
Test Type:
Test Duration: 15
Test Level: 160
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907487
Test Type:
Test Duration: 60
Test Level: 160
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650290
Test Type:
Test Duration: 45
Test Level: 160
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389346
Test Type:
Test Duration: 30
Test Level: 160
Test Level UOM: ft

Water Details

Water ID: 933485081
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 165
Water Found Depth UOM: ft

Water Details

Water ID: 933485082
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 180
Water Found Depth UOM: ft

Database: **WWIS**

Site: lot 22 ON

Well ID: 1525935
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 92105
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:

Data Entry Status:
Data Src: 1
Date Received: 12/6/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE (GOULBOURN)
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047670
DP2BR: 39
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/30/1991
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: 931062711
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 39
Formation End Depth: 195
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931062710
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 71
Other Materials: FRACTURED
Mat3: 11
Other Materials: GRAVEL
Formation Top Depth: 37
Formation End Depth: 39
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931062709
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY

Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 37
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062712
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 195
Formation End Depth: 243
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: 10596240
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083496
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 243
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083495
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525935
Pump Set At:
Static Level: 12
Final Level After Pumping: 200
Recommended Pump Depth: 200
Pumping Rate: 14
Flowing Rate:
Recommended Pump Rate: 14
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934389345
Test Type:
Test Duration: 30
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907486
Test Type:
Test Duration: 60
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934650289
Test Type:
Test Duration: 45
Test Level: 200
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105711
Test Type:
Test Duration: 15
Test Level: 200
Test Level UOM: ft

Water Details

Water ID: 933485080
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 238
Water Found Depth UOM: ft

Database: **WWIS**

Site: **lot 22 ON**

Well ID: 1525931
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: 92115
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: 12/6/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: RICHMOND VILLAGE
Site Info:
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047666
DP2BR: 45
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/27/1991
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: 931062702
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 45
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931062701
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:

Other Materials:

Mat3:

Other Materials:

Formation Top Depth: 0
Formation End Depth: 45
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: 10596236
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083487
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083488
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525931
Pump Set At:
Static Level: 12
Final Level After Pumping: 55
Recommended Pump Depth: 55
Pumping Rate: 8
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: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934650285
Test Type:
Test Duration: 45
Test Level: 55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389341
Test Type:
Test Duration: 30
Test Level: 55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934907482
Test Type:
Test Duration: 60
Test Level: 55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105707
Test Type:
Test Duration: 15
Test Level: 55
Test Level UOM: ft

Water Details

Water ID: 933485073
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 52
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-Oct 31, 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-Oct 31, 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-Oct 31, 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-Oct 31, 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 [EIS](#)

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 EIS 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 is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 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-Oct 31, 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-Oct 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-Oct 31, 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 clean-up 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-Sep 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-Oct 31, 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.

APPENDIX C

Site Photographs



Photo 1 – Looking northeast at the farm property on the 6409 Perth Street portion of the Site with a residential house, parking garage, barn and storage shed.



Photo 2 – View of the heating oil AST located along the exterior of the western wall of the house on the 6409 Perth Street portion of the Site.

CLIENT
Caivan (Richmond North) Communities

PROJECT
Phase One Environmental Site Assessment,
6409, 6363 and 6295 Perth Street, Ottawa, ON

CONSULTANT



YYYY-MM-DD 2020-01-14

DESIGNED AW

PREPARED AW

REVIEWED TDR

APPROVED TDR

TITLE
Photographic Record

PROJECT NO. 19132930

REV. 0



Photo 3 – Piping assumed to be from old fuel oil AST in the basement. Observed along the north wall of the house.



Photo 4 – Looking southwest at the barn and discarded heating oil AST behind/north of the house.

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PROJECT
Phase One Environmental Site Assessment,
6409, 6363 and 6295 Perth Street, Ottawa, ON

CONSULTANT



YYYY-MM-DD 2020-01-14

DESIGNED AW

PREPARED AW

REVIEWED TDR

APPROVED TDR

TITLE

Photographic Record

PROJECT NO. 19132930

REV. 0



Photo 5 – Photo of the empty drums, wood and storage in the barn.



Photo 6 – Looking northwest at the fill piles on the 6363 Perth Street portion of the Site.

CLIENT
 Caivan (Richmond North) Communities

PROJECT
 Phase One Environmental Site Assessment,
 6409, 6363 and 6295 Perth Street, Ottawa, ON

CONSULTANT



YYYY-MM-DD 2020-01-14

DESIGNED AW

PREPARED AW

REVIEWED TDR

APPROVED TDR

TITLE

Photographic Record

PROJECT NO. 19132930

REV. 0



Photo 7 – Looking south at the southern portion of 6363 Perth Street that had been stripped and the adjacent Home Depot property to the west of this property.



Photo 8 – Two Diesel ASTs located on the easternmost portion of the Home Depot property at 6369 Perth Street, adjacent to the 6409 and 6363 Perth Street portions of the Site.

CLIENT
Caivan (Richmond North) Communities

PROJECT
Phase One Environmental Site Assessment,
6409, 6363 and 6295 Perth Street, Ottawa, ON

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YYYY-MM-DD 2020-01-14

DESIGNED AW

PREPARED AW

REVIEWED TDR

APPROVED TDR

TITLE

Photographic Record

PROJECT NO. 19132930

REV. 0



Photo 9 – Looking east at Perth Street located south of the Site along with the Home Depot on the north side of Perth Street. Ongoing residential development and a fire hall to the south and southeast of the Site are also visible.



Photo 10 – Photo of the agricultural field on the 6363 Perth Street portion of the Site.

CLIENT
Caivan (Richmond North) Communities

PROJECT
Phase One Environmental Site Assessment,
6409, 6363 and 6295 Perth Street, Ottawa, ON

CONSULTANT



YYYY-MM-DD 2020-01-14

DESIGNED AW

PREPARED AW

REVIEWED TDR

APPROVED TDR

TITLE

Photographic Record

PROJECT NO. 19132930

REV. 0



Photo 11 – Residential development on the surrounding lands east of the Site along Rochelle Drive, looking east.



Photo 12 – Looking east at the storage shed on behind the house and parking garage on the 6409 Perth Street portion of the Site.

CLIENT
Caivan (Richmond North) Communities

PROJECT
Phase One Environmental Site Assessment,
6409, 6363 and 6295 Perth Street, Ottawa, ON

CONSULTANT



YYYY-MM-DD 2020-01-14

DESIGNED AW

PREPARED AW

REVIEWED TDR

APPROVED TDR

TITLE

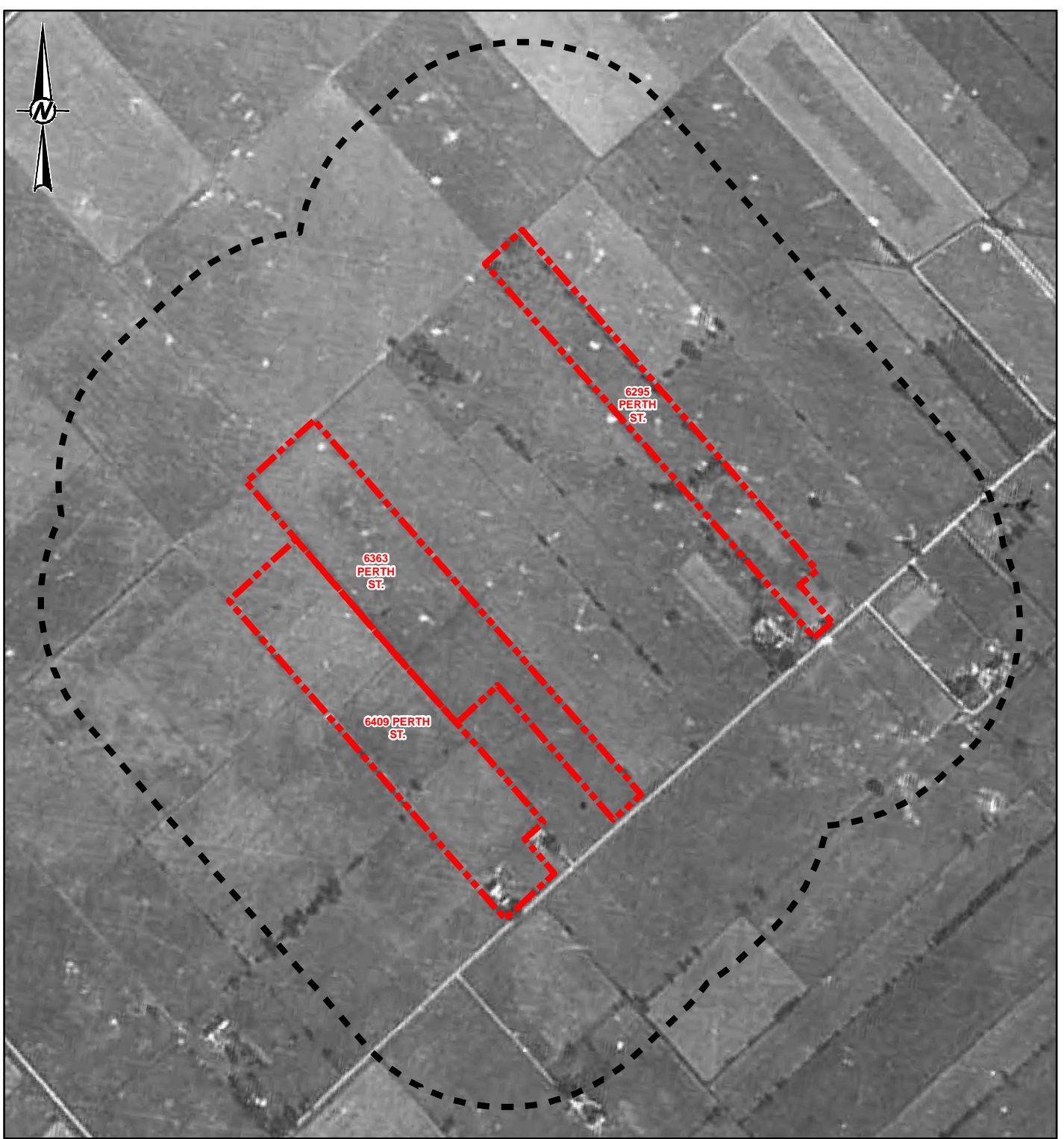
Photographic Record

PROJECT NO. 19132930

REV. 0

APPENDIX D

Aerial Photographs



LEGEND



PHASE I SITE
PHASE I STUDY AREA



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

TITLE
1946 AIR PHOTO

CONSULTANT



YYYY-MM-DD 2019-10-23

DESIGNED ----

PREPARED JEM

REVIEWED AW

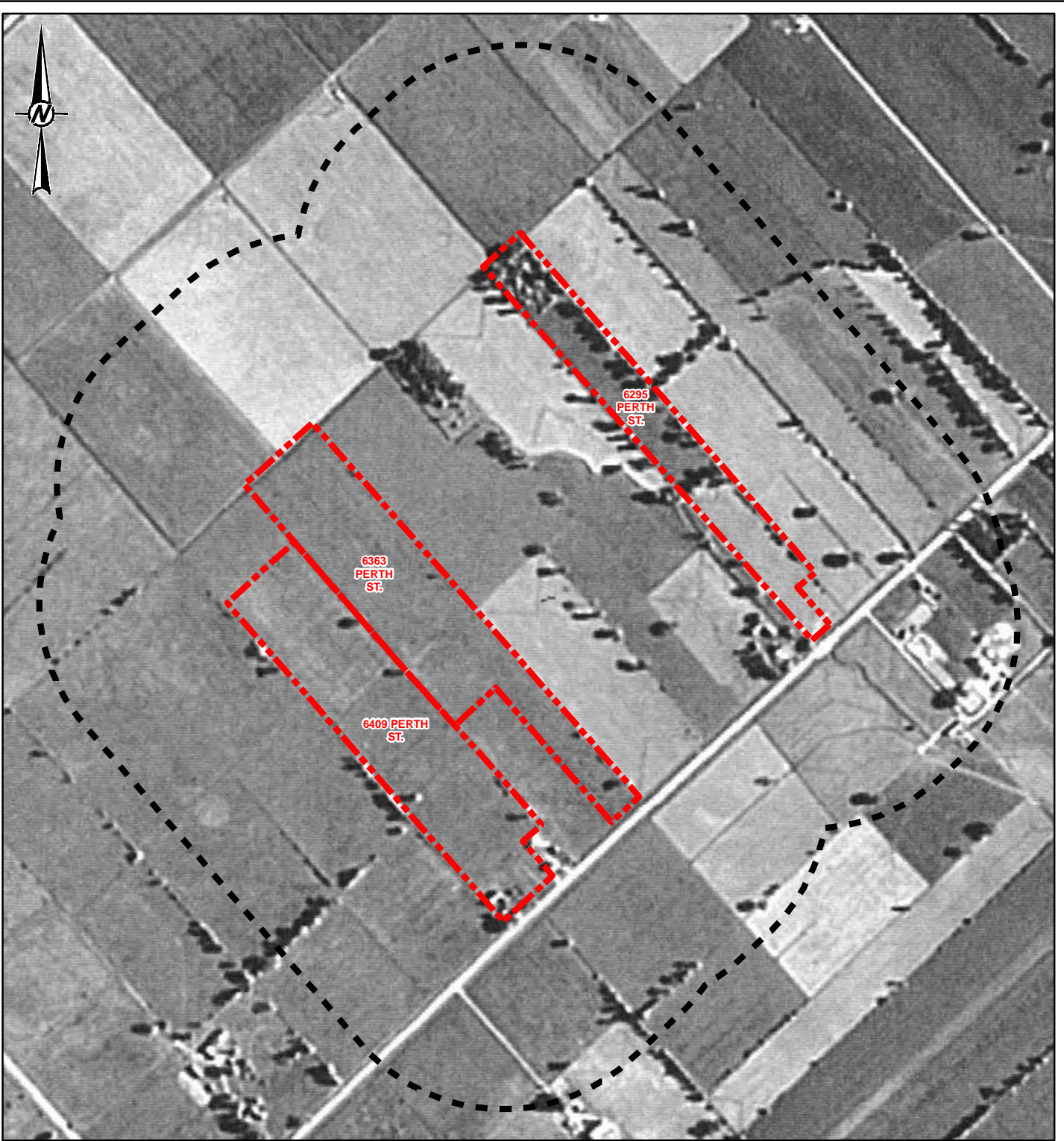
APPROVED KPH

PROJECT NO.
19132930



CONTROL
0001

REV.
0

FIGURE
D1



LEGEND

-  PHASE I SITE
-  PHASE I STUDY AREA



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

TITLE
1959 AIR PHOTO

CONSULTANT



YYYY-MM-DD 2019-10-23

DESIGNED ----

PREPARED JEM

REVIEWED AW

APPROVED KPH

PROJECT NO.
19132930

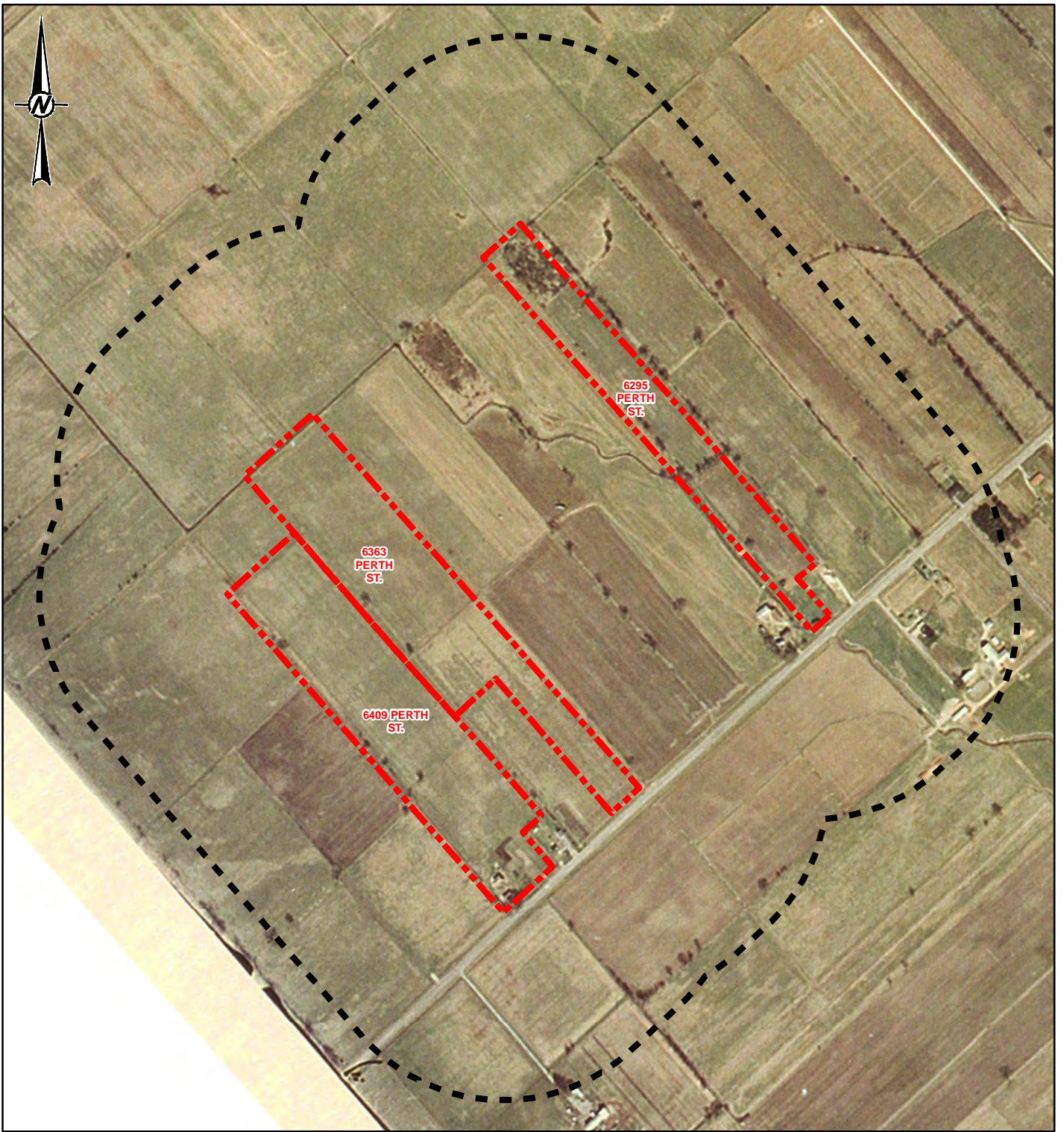
CONTROL
0001

REV.
0



FIGURE
D2

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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 25mm



LEGEND

-  PHASE I SITE
-  PHASE I STUDY AREA



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
**PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO**

TITLE
1968 AIR PHOTO

CONSULTANT



YYYY-MM-DD 2019-10-23

DESIGNED ----

PREPARED JEM

REVIEWED AW

APPROVED KPH

PROJECT NO.
19132930



CONTROL
0001

REV.
0

FIGURE
D3



LEGEND

-  PHASE I SITE
-  PHASE I STUDY AREA



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
COORDINATE SYSTEM: MTM ZONE 9 VERTICAL DATUM: CGVD28

CLIENT
CAIVAN (RICHMOND NORTH) LIMITED

PROJECT
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
6409, 6363 AND 6295 PERTH STREET, OTTAWA, ONTARIO

TITLE
1985 AIR PHOTO

CONSULTANT
YYYY-MM-DD 2019-10-23



DESIGNED	----
PREPARED	JEM
REVIEWED	AW
APPROVED	KPH

PROJECT NO. 19132930	CONTROL 0001	REV. 0	FIGURE D4
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM 25mm



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