



Preliminary Desktop Hydrogeological Study 1650-1660 Carling Avenue, Ottawa, ON

Client:

RioCan Real Estate Investment Trust
2300 Yonge Street, Suite 500
Toronto, Ontario M4P 1E4

Attention: Ms. Vanessa Leon, MREI

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EXP Services Inc.

2650 Queensview Drive, Suite 100

Ottawa, ON, K2B 8H6

t: 613.688.1899

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1 Introduction

1.1 Project Description

EXP Services Inc. (EXP) was retained by RioCan Real Estate Investment Trust to prepare a Preliminary Desktop Hydrogeological Study in support of a Zoning By-Law Amendment (ZBLA) for the proposed development located at 1650-1660 Carling Avenue, Ottawa, ON (hereinafter referred to as the 'Site'). It is our understanding that the proposed development will consist of six (6) 40-storey high-rise residential towers, including three (3) levels of shared underground parking. The Site location plan is shown on Figure 1. It is anticipated that site development will occur in multiple phases.

It is noted that EXP has not been granted site access to advance exploratory boreholes and monitoring wells at locations specific to the proposed development. As such, this preliminary hydrogeological assessment is based on the review of previous investigations and available geological hydrogeological database and provincial water well records. The report will be updated after field studies are completed.

1.2 Project Objectives

The main objectives of this desktop study are as follows:

- Establish the local hydrogeological settings within the Site based on the review of previously completed site investigations and available mapping and water well information; and,
- Prepare a preliminary desktop hydrogeological assessment report.

1.3 Scope of Work

To achieve the investigation objectives, EXP has completed the following scope of work:

- Reviewed available geological and hydrogeological information and previous environmental/geotechnical reports for the Site;
- Evaluated the information including borehole geological information, Water Well Records (WWR); and
- Prepare a preliminary desktop hydrogeological assessment report to support a site plan approval application.

This preliminary desktop hydrogeological assessment report has been prepared in general accordance with the City of Ottawa Site Plan Approval application guidelines.

2 Review of Previous Reports

The following reports were reviewed to prepare this preliminary hydrogeological assessment report:

- Geotechnical Investigation, Proposed Canadian Tire Store #290, 1650 and 1666 Carling Avenue, Ottawa, Ontario prepared for Turpin Group Inc., by Trow Associates Inc., dated September 2, 2006 – revised October 31, 2006
 - In 2006, Trow conducted a geotechnical and environmental investigation at the site for a proposed commercial development to determine subsurface soil and groundwater conditions by drilling a limited number of boreholes to provide geotechnical engineering guidelines for the design and construction of the proposed development.
 - Previous investigations in 2005 and consisted of drilling twenty-six (26) boreholes (BH G1 to G12 and E1 to E14) to 1.9 m to 6.8 m depths. All of the boreholes were advanced until refusal on assumed bedrock surface. The bedrock was core drilled at six (6) locations (BH E8, E11, E13, E14, G4 and G12 up to a depth range of 5.9 m to 6.8 m.
 - Water levels were noted on completion and these six (6) deeper wells were equipped with 13 mm diameter groundwater monitoring wells over the long term. Groundwater table was encountered mostly in the bedrock at the site at depths of 2.2 m to 4.4 m below existing ground surface corresponding to approximate elevations of 74.5 masl to 75.8 masl.
 - Site soil profile usually consisted of a thin veneer of granular fill consisting of crushed run limestone, sand and gravel or pit run sand and gravel at the top estimated to extend to depths of 0.75 m to 2.0 m. This surficial fill material was followed by a thin layer (generally extending to depths of 1.5 m to 2.3 m silty sand) which in turn was followed by sandy silt to silty sand till. The till identified extended to depths of 1.9 m to 3.6 m below the existing ground surface.
 - Bedrock at the site was encountered in all the boreholes at depths of 1.9 m to 3.6 m below existing ground surface. The bedrock quality based on total core recovery of 92 to 100 percent and Rock Quality Designation of 81 to 100 percent indicates that the identified as limestone of the Ottawa Formation is of good to excellent quality.
 - The report suggested groundwater control using perimeter ditches and sump pumps and did not anticipated basal heave type failure.
- Phase I Environmental Site Assessment, Interim Report, Underground Storage Tank and Contaminated Soil Removal, 1666 Carling Avenue, Ottawa prepared for Turpin Group Inc, by Trow Associates Inc., dated November 29, 2006 –
 - In 2005, Trow conducted a Phase I ESA (report OTEN00018095A, Phase I ESA, 1650 and 1666 Carling Avenue, dated September 2, 2005) that identified potential environmental concern including a suspected underground storage tank (UST), hydraulic hoists and collection trenches within the subject site (1650 and 1666 Carling Avenue).
 - Subsequently Trow conducted a Phase II ESA (report OTEN0001895B, Phase II ESA 1650 and 1666 Carling Avenue, dated September 2, 2005) and subsurface impact was noted along the western portion and under eastern portion of the building, possibly associated with a waste oil UST. A supplemental Phase II ESA was completed to delineate the impact of petroleum products leaking from the waste oil UST to the west of the building. It was estimated that that about 660 tonnes of petroleum impacted soil was identified in the general vicinity of the waste oil UST and free-phase petroleum product was identified in the groundwater collected from a monitoring well MW E8 installed in the bedrock north of the UST area.
- Site Remediation 1650 and 1666 Carling Avenue, Ottawa, Ontario, Final Report prepared for Turpin Group Inc., dated March 2007 prepared by Trow:

- Trow was retained by Turpin Group Inc to supervise the removal of the petroleum impacted soils at the subject property. Four separate remedial excavations were completed in the February 2007 site remediation program:
 - Excavation 1 – Former waste oil UST, 1666 Carling Avenue;
 - Excavation 2 – Former Bulk oil UST, 1650 Carling Avenue;
 - Excavation 3 – Former waste oil UST 1650 Carling Avenue; and,
 - Excavation 4 – Former car wash bay at 1666 Carling Avenue.
- A total of 1613 tonnes of petroleum impacted soils were removed from the subject site and approximately 16,000 litres of petroleum impacted liquid waste was removed from the exterior excavation on the west side of the building located at 1666 Carling Avenue. The recovery was completed via a well was installed in the former location of MW E8 and various catch basins and interceptors.
- Post remedial groundwater sampling and analyses indicated that low level residual concentrations of BTEX and PHC satisfied the provincial groundwater quality criteria.
- Based on the results of analytical results obtained at the time, the soil and groundwater on the subject site meet the applicable Provincial Standards and no further environmental work was warranted to address petroleum-impacted soils or groundwater on the property located at 1650 and 1666 Carling Avenue, Ottawa.
- Phase II Environmental Site Assessment, Canadian Tire Retail Store #290, 1660 Carling Avenue, Ottawa, ON, prepared for Canadian Tire Real Estate Limited (CTREL), by Englobe Corporation, dated June 16, 2022
 - This study was completed by CTREL to fulfill one of the lease agreement conditions that a Phase II study of the site be completed one year prior to the expiration of the lease.
 - Six boreholes (BH22-1 to BH22-6) advanced and all of which were completed as monitoring wells (MW22-1 to MW22-6). The depths to bedrock ranged approximately 2.0 m below ground surface corresponding to 76.04 masl to 76.05 masl elevations. Bedrock was identified as fractured limestone. Shallow groundwater in general was encountered between 2.5 to 3.4 mbgs depths in the bedrock. General flow direction of shallow groundwater was to north and northwest towards the Ottawa River.
 - A total of seven groundwater samples (six parent and one duplicate) were analyzed for one or more of the following parameters volatile organic compounds (VOCs), petroleum hydrocarbons (PHC) F1-F4, poly aromatic hydrocarbons (PAHs), metals and glycols. The results from groundwater samples collected from MW22-01, MW22-02, MW22-04 and MW22-06 contained elevated concentrations of dissolved sodium that were greater than the Table 3 SCS standards. The high sodium concentrations were attributed to the application of road salt during winter season.
 - Samples collected from MW22-04 exhibited chloroform and dissolved cobalt at concentrations marginally exceeding the Table 3 SCS standards. However, these results appear to be anomalous and isolated and were only detected at this monitoring well. Chloroform is a known by-product of groundwater treatment (e.g., chlorination). Since potable water was used during drilling at the two boreholes in the parkade area (BH22-04 and BH22-05) there is potential that introduced potable water remained within the bedrock near the monitoring well during sampling. The source of cobalt is unknown.
 - The other parameters such as VOCs, PHC F1-F4, PAHs were not detected above the Table 3 SCS concentration standards.

3 Hydrogeological Setting

3.1 Regional Setting

3.1.1 Regional Physiography

The Site is located within the physiographic region known as the Ottawa Valley Clay Plains. On a regional mapping scale, the site borders two (2) physiographic landforms. The southern half falls within the Limestone Plains and the northern half within Sand Plains. Drumlinized Till Plains manifesting low standing drumlins comprising of till type soils (Chapman & Putnam, 2007) lies to the west of the site.

3.1.2 Regional Geology and Hydrogeology

The surficial geology can be described as fine-textured glaciomarine deposits, consisting of stone-poor, sandy to silty sand textured till. The surficial geology of the Site and surrounding areas is shown on Figure 2. The bedrock primarily consists of Upper Ordovician dolostone, shale and limestone units of Shadow Lake Formation of Ottawa Group (Ontario Geological Survey, 2011). The bedrock setting is shown in Figure 3.

Regional groundwater across the site flows north towards the Ottawa River. Local deviations from regional groundwater flow pattern may occur in response to changes in topography and/or soils, as well as the presence of surface water features and/or existing subsurface infrastructure.

3.1.3 MECP Water Well Records

Water Well Records (WWRs) from the database maintained by the Ministry of the Environment, Conservation and Parks (MECP) were reviewed to determine the number of water wells within a 500-m buffer form the Site centroid. The locations of the MECP WWR are shown in Figure 4. A summary of the WWR is included in Appendix A.

It is noted that some of the locations as recorded in the database can be uncertain, however the reviewed MECP water well information provides a general understanding of the regional hydrogeological conditions of the area.

The MECP WWR database indicates a total of 598 well records located within a distance of 500 m from the site perimeter. This included 39 wells recorded as drinking water supply. The remaining 559 records are for non-water supply wells that include test, monitoring, observation and abandoned wells, and wells of unidentified usage.

Since the area is municipally serviced and these wells were installed in the 1940s and 1950s, it is unlikely that the noted water supply wells are still active. The records of water wells are provided in Appendix A.

The reported depth to groundwater for all well recorded as water supply wells vary between 3.4 and 54.9 meters below ground surface (mbgs). The noted groundwater or potentiometric surface based on recorded information from 1949 and 1964 ranges between 68.9 masl to 78.1 masl which after urbanization may be higher as the use of private water supply wells stopped over the years when municipal services became available.

Table 3-1 Summary of MECP Water Well Records Search

Well Usage (as recorded)	Number of Wells	Well Construction Period	Ground Elevation (masl)	Groundwater Elevation (masl)	Water Found Depth (mbgs)	Water Found Elevation (masl)	Well Completion Material
Water Supply	39	1949 - 1964	Min - 74.4 Max - 79.7	Min - 68.9 Max - 78.1	Min - 3.9 Max - 64.0	Min - 72.4 Max - 13.2	All of the wells are completed in bedrock
Non-water supply wells (test wells, observation wells, monitoring wells, abandoned wells and unspecified wells)	559	2006 - 2016	Min - 67.6 Max - 82.0	No groundwater elevation information available	No information available	No information available	No information available

Based on the review of water well records, it appears that the limestone underlain by shale is the regional aquifer in the area and where geological conditions exist, can be characterized as a confined aquifer (confined by the shale bedrock on top). Regionally, the bottom of the shale/top of the limestone appears to be 3.9 mbgs to 64.0 mbgs (corresponding to 72.4 masl to 13.2 masl elevations).

The test pumping rates for the water supply wells varied between 4.5 litres/minute (LPM) to 136.4 LPM sustainable through 0.5-hour to 2-hour duration.

3.2 Site Setting

3.2.1 Site Topography

The Site is in an urbanized land use setting. The existing site topography is considered relatively flat with a general elevation of 79 masl with a gradual regional northerly slope towards Ottawa River.

3.2.2 Local Surface Water Features

The Site is located within the Ottawa River West sub-watershed. No surface water features exist onsite. The nearest surface water feature is Ottawa River, located approximately 1.7 km northwest of the Site boundary. Based on the Rideau Valley Conservation Authority Website, the Site is not within the flood plain or within a regulated area (Appendix F).

3.2.3 Local Geology and Hydrogeology

Based on review of geological mapping information and MECP water well records and borehole logs of wells drilled during previous investigations, it is indicated that the bedrock in the area is relatively shallow from exposed to within 6.1 metres below ground surface (mbgs) underlain by a thin veneer of overburden comprising of soils identified as sand and silt to silty sand and sandy silt to silty sand till. A site plan showing the location of historical boreholes as shown in Figure 5 and the borehole logs are provided in Appendix B.

Site soil profile usually consisted of a thin veneer of granular fill consisting of crushed run limestone, sand and gravel or pit run sand and gravel at the top estimated to extend to depths of 0.75 m to 2.0 m. This surficial fill material was followed by a thin

layer (generally extending to depths of 1.5 m to 2.3 m silty sand) which in turn was followed by sandy silt to silty sand till. The identified till extends to depths of 1.9 m to 3.6 m below the existing ground surface.

Fractured Limestone composes the bedrock that is identified as Ottawa Group of Late Ordovician Period. The bedrock in some areas is covered with a thin veneer of recent sediments. It is fractured at multiple depths (based on review of MECP well records) and these fractured zones provide groundwater resource and as a result the bedrock is designated as a regional and major aquifer. Where geological conditions exist, the aquifer exhibits characteristics of a confined aquifer.

Based on the review of reports of previous investigations, the groundwater occurs in the shallow fractured bedrock at elevations of 74.5 masl to 75.8 masl (EXP geotechnical investigations in 2006) and 75.56 masl to 75.50 masl in 2022 (Englobe investigation in 2022). Therefore, the groundwater elevations over the long-term appears to be consistent at the site.

The summary of historical groundwater measurements at the site is provided in the following table:

Table 3-2 Historical Groundwater Elevation Measurements					
Well ID	Geologic Material at Screened Interval	Geotechnical Investigations August 2005, TROW		Phase II ESA May 2022, Englobe	
		Ground Surface Elevation (masl)	Groundwater Elevation (masl)	Ground Surface Elevation (masl)	Groundwater Elevation (masl)
MW E8	Limestone bedrock, grey excellent quality	79.1	74.9		
MW E11	Limestone bedrock, grey excellent quality	78.2	75.0		
MW E13	Limestone bedrock, grey fair to good quality	79.0	75.2		
MW E14	Limestone bedrock, grey excellent quality	78.9	74.5		
MW G1	Till silty sand, some gravel, grey, moist, compact to dense	79.1	DRY		
MW G4	Limestone bedrock, grey good quality	78.7	74.5		
MW G6	Till silty sand, some gravel, grey, moist, compact to dense	77.8	DRY up to 74.8		
MW G7	Till silty sand, some gravel, grey, moist, compact to dense	78.0	DRY up to 74.8		
MW G8	Till silty sand, some gravel, grey, moist, compact to dense	78.0	75.8		
MW G11	Till silty sand, some gravel, grey, moist, compact	79.0	DRY up to 76.9		
MW G12	Limestone bedrock, grey good to excellent quality	79.1	75.6		
MW22-01	Bedrock Limestone fractured			78.04	75.56

Table 3-2 Historical Groundwater Elevation Measurements

Well ID	Geologic Material at Screened Interval	Geotechnical Investigations August 2005, TROW		Phase II ESA May 2022, Englobe	
		Ground Surface Elevation (masl)	Groundwater Elevation (masl)	Ground Surface Elevation (masl)	Groundwater Elevation (masl)
MW22-02	Bedrock Limestone			78.15	75.50
MW22-03	Bedrock Limestone			78.19	75.48
MW22-04	Bedrock Limestone			78.22	74.88
MW22-05	Bedrock Limestone			78.14	74.70
MW22-06	Bedrock Limestone			78.15	74.65

Historically the groundwater elevation at the site ranged between 74 masl and 75 masl and has remained consistent over time (between 2005 and 2022).

4 Preliminary Construction Plan and Potential Groundwater Issues

It is our understanding that the proposed six (6) high-rise residential towers will have 4 levels of underground parking extending to about 14 mbgs including sub-excavation for placement of granular layer as foundation base. Based on this preliminary design, it is anticipated that the foundation will extend into the limestone bedrock encountered within the proposed development limits. Limestones are susceptible to dissolution and may develop secondary discontinuities (dissolution fractures besides natural fractures resulting from weathering at the glacial deposits and bedrock interface) and increase permeability.

Since the interface is very shallow and it is determined from previous investigations that groundwater at the site is shallow within a depth of 3.4 mbgs, it is likely that groundwater may pose an issue during construction. Considering approximate site excavation area of 23,200 m² (145 m x 160 m), it is likely that the anticipated dewatering pumping volume will exceed 50,000 litres/day (LPD) the threshold limit of requirement of a permit. Our preliminary estimate of dewatering pumping exceeds 400,000 LPD threshold limit for a Category 3 permit requirement which indicates that relatively high-volume pumping may be required. This assessment will be updated when the field based hydrogeological study is completed performing hydraulic testing to estimate hydraulic parameters for the site and a detail dewatering assessment could be completed.

5 Construction Dewatering Permit

Considering the size (23,200 m²) and depth of proposed excavation (~14 mbgs) for the anticipated construction activities at the site, it is likely that a Category 3 Permit to Take Water (PTTW) will most likely be required which will allow groundwater pumping at rates higher than 400,000 LPD though it is likely that the construction will be occurring in phases. However, for our preliminary study, we assumed that the construction will not occur in phases to model and assess a conservative scenario. A Category 3 PTTW will require 45 to 90 days of review time from the date of submission of the permit application to the MECP. There is a fee of CAD \$3,000 to be paid to the MECP.

For pumping rates between 50,000 and 400,000 LPD, a registration on the Environmental Activity and Sector Registration (EASR) with the MECP will be required. This type of permit is registered online and issued instantaneously for a MECP fee of CAD \$ 1,190.

The requirement of the type of permit will be confirmed once the field based hydrogeological study is completed.

6 Potential Short and Long-term Dewatering

Based on the review of historical groundwater elevation data (2005 and 2022) and preliminary construction design plan, it is anticipated that short-term dewatering pumping during construction will be required. The pumping rates initially would be higher which over time can be reduced as the construction progresses from ground up. The short-term dewatering operation can cease once the foundation structures are above certain level that groundwater is no longer an issue.

Because of high hydraulic head (high groundwater level relative to the depth of the foundation), the groundwater will exert hydrostatic buoyancy pressure on the foundation structure in the long-term. To reduce this pressure, the groundwater will need to be removed using foundation drainage collection (FDC) subdrain system. The groundwater will be collected in a sump pit and then pumped out to the city sewers if allowed.

If the city does not approve long-term discharge (due to under-capacity of the services or any other reasons) into the city services, then alternative foundation design (watertight bathtub) may have to be considered.

7 Groundwater Discharge Management Plan

A private water discharge agreement will be required with the City to direct abstracted groundwater from the site during both the short- and long-term dewatering operation into the city sewers provided the water quality complies to the applicable discharge guideline standards. Discharge water quality must comply with either Table 1 or Table 2 standards of the City of Ottawa Sewer use By-Law (2003-514) depending on the discharge location (storm or sanitary sewers).

Pre-construction and during construction groundwater sampling and analysis will be required to comply with the sewer use guidelines. If the water quality complies with the City of Ottawa Sewer Use By-Law guidelines (By-Law No. 2003-514) and the city issues a private water discharge agreement, then the discharge can be routed towards the city services. A discharge water quality management plan will need to be developed. This plan will be adaptive and will be effective during the dewatering period. Anytime any exceedances are identified the discharge to the city services will be suspended until corrective action is implemented and water quality indicates compliance.

A discharge sampling and monitoring plan as recommended shall be in place during the anticipated short-term dewatering operation to ensure compliance of discharge water quality to the receptor standards.

8 Potential of Impact from Anticipated Dewatering

Any dewatering pumping operation will generate a zone within which the groundwater is lowered with the maximum drawdown at the pumping location even during short-term operation. The further the distance away from the pumping location the drawdown is less and eventually at a certain distance from the pumping location the zone of influence (ZOI) diminishes as a result of reaching equilibrium condition.

The lowering of groundwater has the potential to impact sensitive features such as utilities, environmental habitats, water wells and engineered structures that are located within the predicted ZOI and are founded on compressible soils. Most of the construction dewatering operations occurs only for short-term (1 month to 12 months duration) and the impacts are very temporary.

The proposed construction and related dewatering activities will be occurring in a highly urbanized area and there is less potential to impact water wells since municipal services are available and there are no active or in use private water wells in the area.

Our preliminary assessment indicates that there are no sensitive environmental features within 500 m distance of the site and as such no impact is anticipated.

A geotechnical assessment of consolidation and settlement of soils due to short-term groundwater lowering will be required to assess the potential of settlement of utilities.

8.1 Groundwater Quality

Groundwater samples were collected and analyzed for the Phase I and II ESAs and site remediation works to compare the results to applicable standards. During the initial Phase II ESA completed by Trow in 2005 for the site groundwater samples were collected from six (6) monitoring wells and the results were compared to applicable MOE Table 3 SCS standards. Free products were identified in the well MW E8 adjacent to waste oil UST at 1666 Carling Avenue site. Site remediation and cleanup works were completed at the site in 2007. Site cleanup and related excavation areas are shown in Figure 6.

As part of the cleanup works a groundwater sample was collected from MW E8 as a follow up sampling and the sample was analyzed for PHC fractions F1 to F4 and BTEX. The results indicated that the residual concentrations of BTEX and PHC in the groundwater sample satisfied the MOE Table 3 standards.

Recently, groundwater samples were collected from six (6) monitoring wells installed for the Phase II ESA completed by Englobe (May 2022) and was analyzed for VOCs, PHC F1 – F4, PAHs, metals and Glycols to compare the results with the MOE Table 3 SCS. The results indicated that concentrations of sodium were elevated at MW22-01, MW22-02, MW22-04 and MW22-06 above the Table 3 SCS standards. These elevated concentrations were attributed to the use of road salt during winter times. Chloroform and cobalt were detected above the Table 3 SCS standards in the groundwater sample collected from MW22-04. These exceedances were considered anomalous and was detected only at this location. Chloroform is a known by-product resulting from treatment (chlorination) of drinking water. Since drinking water was introduced during core drilling in the parkade area (MW22-04 and MW22-05) there is potential that the introduced drinking water remained within the bedrock near the monitoring well and was collected during sampling. The source of cobalt concentration is not known and could not be identified but may be anomalous.

It is anticipated that the potential effluent from the dewatering system during the construction will be released into the municipal sewer system. To determine compliance and to establish background groundwater quality a sample of groundwater should be collected and analyzed for the City of Ottawa sewer use parameters for comparison to the applicable sewer use by-law parameters.

A private water discharge agreement will be required to route discharge from the site into the City of Ottawa sewers both for the short- and long-term stages. The discharge water quality must be in compliance with the receptor services (sewer or sanitary) standards.

8.1.1 Short-Term Construction Dewatering

For the short-term dewatering (during construction phase), it is anticipated that total suspended solids (TSS) levels and some other parameters (for example, total metals) in the pumped groundwater may become elevated and exceed both, Sanitary and Storm Sewer Use By-Law limits. To control the concentration of TSS and associated metals, it is recommended that a suitable (fine mesh filter bags settlement tank and/ or any other applicable treatment system) and basic best management practice (BMP) treatment method (source control and outlet control) be implemented during construction dewatering activities. The specifications of the treatment system will need to be adjusted, modified and updated to ensure that the discharge water quality complies with applicable sewer use by-law standards.

A private water discharge approval agreement will be required for discharging short-term construction dewatering groundwater into the City of Ottawa sewers.

8.1.2 Long-Term Construction Dewatering

Considering this construction condition based on preliminary concept design there is potential for development of hydrostatic buoyancy pressure (uplift pressure) under the foundation since the foundation is anticipated to extend below the local groundwater table. To relieve the foundation from hydrostatic uplift pressure, foundation drainage collection (FDC) system may have to be installed.

For the long-term dewatering discharge into the City of Ottawa sewer services in the post-development phase a private discharge agreement with the City is required.

Alternatively, the building foundation may be designed as a watertight bathtub design to counterbalance the uplifting hydrostatic pressure to negate the requirement of foundation drainage in the post-construction period for the life of the structure.

8.1.3 Contaminant Migration

Dewatering (short and long-term) may induce migration of contaminants within the zone of influence and beyond due to changing hydraulic gradients, hydrogeological conditions beyond Site boundaries and preferential pathways in utility beddings etc. The water quality sampling during previous site investigations (geotechnical and ESAs) conducted was performed under static conditions. As a result, monitoring may be required during dewatering activities (short and long-term) to monitor potential migration, and this should be performed more frequently during early dewatering stages. A preliminary recommended dewatering discharge management plan is provided in Section 8.3.

For the long-term dewatering discharge to the storm sewer system (post-development phase) and based on the water quality results, it is recommended to implement a suitable pre-treatment, as required.

The water quality results presented in this report may not be representative of the long-term condition of groundwater quality onsite. As such, regular water quality monitoring is recommended for the post-construction phase as required by the City.

An agreement to discharge into the sewers owned by the City of Ottawa will be required prior to releasing dewatering effluent.

8.2 Well Decommissioning

In conformance with Regulation 903 of the Ontario Water Resources Act, the installation and eventual decommissioning of any dewatering system wells or monitoring wells must be completed by a licensed well contractor. This will be required for all wells that are no longer in use.

8.3 Groundwater Discharge Management Plan

This section provides a recommended discharge management plan for the proposed dewatering operation at the site. The recommended plan is also summarized in Table 8-1. It is anticipated that the discharge from the site will be directed to the City

of Ottawa sewer services under a sewer use agreement with the City. The discharge water quality shall be monitored as per the recommended frequencies provided in the plan or as per the agreement conditions. If at any point of time the discharge is deemed non-compliant for routing into the city sewers, the pumped water either be stored onsite for treatment or be hauled offsite by a licensed hauler to a designated and licensed site that will accept the discharge.

An engineering settlement analysis will be required for assessment of the potential impacts of the short-term dewatering operation. A settlement monitoring plan will need to be developed by establishing settlement monitoring benchmark stations and setting up trigger levels at monitoring wells. Mitigation measures will be required when the established trigger levels are exceeded, and an investigation will be initiated to assess the conditions.

Erosion is not expected to be an issue at the site given the proposed dewatering operation however the sediments that will be generated due to excavation has the potential to be an issue. An adaptive sediment control plan shall be developed and may need to be implemented at the site during construction to control impacts from sediments.

Table 8-1 Dewatering Discharge Management Plan

Potential Dewatering Issue	Monitoring Aspect	Sampling and Suggested Frequency	Potential Mitigation Approach	Additional Comment
<p>TSS in discharge Sump Pumping is anticipated to be the preferred method of pumping from the site. This method has high potential for generating particulates that has the potential to elevate the TSS concentrations in the discharge. TSS is not anticipated to be an issue from depressurization pumping however the discharge should be subjected to basic BMP treatment measures.</p>	<p>Due to the nature of work (excavation using large and heavy construction equipment) TSS has the potential to be an issue during construction period specially during post-storm events.</p>	<p>The discharge – should be routed through a fine mesh filter bag as BMP. The discharge shall be sampled every day for the first week of pumping and in the post-storm time to monitor compliance. If the discharge is compliant than the sampling frequency could be expanded to two-times a week. If it shows compliance than sampling frequency can be expanded to once-a-week. A field turbidity probe can also be used to be calibrated with the laboratory measured TSS concentrations for frequent site discharge turbidity measurements.</p>	<p>As a basic best management practice (BMP) approach the discharge must be routed through fine mesh filter bags. If the discharge is non-compliant with the applicable receptor guidelines, then additional treatment options such as settling tanks, onsite settling basin or envirotank™, floclog™ should be utilized as enhanced mitigation method.</p>	
<p>VOCs and PHCs in the discharge Impacts VOCs and PHCs are not anticipated as the site is remediated and most recent sampling does not indicate concentrations above the comparison criteria used (MOE Table 3 SCS). The concentrations are residual and below the Table 3 SCS standards.</p>	<p>The samples shall be collected and analyzed for VOCs, PHCs and BTEX once a week for monitoring purposes.</p>	<p>In addition to weekly sampling for monitoring if anytime during monitoring any olfactory or visual indication of VOCs and PHCs are noted, the sampling shall include the additional parameters for the VOCs and PHCs.</p>	<p>IF contaminants are detected above the applicable discharge receptor guideline limits (e.g., s=City of Ottawa Sewer Use By-Law criteria) the discharge to the City sewers must be suspended. On the interim, the discharge will need to be stored onsite for treatment until the concentrations are reduced to below the standard limits. If it is not possible to store onsite (due to limitations of space or due to immediate unavailability of treatment systems) the discharge, then shall be hauled to an approved offsite location via licensed hauler until it is compliant to be discharged into the city sewers.</p>	
<p>Potential for Settlement and impacting Utilities Lowering of groundwater even in short-term during construction may induce unwanted consolidation and settlement of soils around utilities. An engineering assessment of consolidation and settlement is required to be performed.</p>	<p>The lowered groundwater levels shall be monitored during short-term construction period via existing and additional monitoring wells at the site. Trigger levels would be established for the monitoring well locations based on their distances from the dewatering locations.</p>	<p>There is low potential of settlement at this site and in the adjacent areas since the foundations are mostly on bedrock. There may be utilities that are installed at shallow depths and within the unconsolidated shallow overburden soils that may be vulnerable to settlement and movement due to lowering of groundwater.</p>	<p>Mitigative actions such as reducing the pumping rate temporarily while investigating the complaint may have to be implemented. Additionally temporary infiltration trenches may be constructed to infiltrate groundwater back in to the areas of concern to maintain the water levels at the critical infrastructures that may be present within the ZOI of the proposed dewatering operation.</p>	<p>Existing MWs within the excavation footprint area will most likely be decommissioned. So, for monitoring of water levels new MWs may have to be drilled and installed</p>
<p>Erosion and Sediment Control Due to the nature of work there is potential for high levels of particulates to be generated and transported from the site.</p>	<p>Erosion is not anticipated to be an issue from the proposed dewatering operation, but necessary sediment control measures must be in place to reduce transport of sediments offsite (through vehicular traffic to and from the site and storm runoff).</p>	<p>Basic sediment control measures such as installing silt fences around the work area and the site perimeter shall be applied. Immediate and adjacent sewer manhole catch basins must be equipped with silt bags to protect the sewers from impacts of sediment transport from the site. Siltsox™ or woodchip logs maybe used instead of silt fences at the perimeter to prevent sediment transport offsite. After every storm event the site must be inspected for sediment control measures.</p>	<p>If there are excessive particulates/sediments generated from the site that has the potential to be transported offsite via construction vehicular traffic then a portable vehicle wheel wash system and a street sweeper may be employed for cleaning operations.</p>	

9 Conclusions and Recommendations

Based on the findings of this preliminary desktop hydrogeological investigation the following conclusions and recommendations are provided:

- Based on review of geological mapping information, MECP water well records and borehole logs of wells drilled during previous investigations, the bedrock in the area is relatively shallow from exposed to within 6.1 metres below ground surface (mbgs) underlain by a thin veneer of overburden soil comprising of sand and silt to silty sand and sandy silt to silty sand till;
- The review of information of previously drilled boreholes the bedrock elevation at the site varies between 74.6 masl and 76.2 masl and the groundwater elevation varied between 74.5 masl to 75.6 masl over a 17-year period (August 2005 and April 2022). The so the groundwater elevation at the site is consistent and the lowest elevation as recorded is 74.5 masl;
- Based on most recent Phase II investigation completed in June 2022 by Englobe Corporation, the site groundwater can be considered unimpacted when compared to Table 3 SCS standards. The results of the analyzed groundwater samples were not compared to the City of Ottawa sewer use by-law parameters. So, a round of pre-construction groundwater sampling and analysis would be required and the results be compared to the City of Ottawa Sewer Use criteria to establish the site background water quality conditions;
- If the raw water quality is compliant with the Table 1 and 2 standards of the City of Ottawa Sewer use By-Law 2003-514 then the discharge from the site may be directed to the city sewers without treatment. However basic BMP measures must be in place to address potential high levels of particulates (TSS) generated at the site due to the very nature of the construction activities;
- An agreement with the City of Ottawa will be required to discharge pumped groundwater into the sewers;
- For the proposed construction dewatering, a Category 3 PTTW will likely be required. It takes about 45-90 days for the MECP to review the PTTW application and issue a permit;
- A recommended discharge management plan is provided in Section 8.3 and a detail of the recommended plan is provided in Table 8-1. This plan is adaptive and will be evaluated at regular intervals for its effectiveness and efficacy;
- Since there are no sensitive environmental features nearby (private water well user, natural significant habitat) there would be no concern or issues;
- There is potential for shallow buried utilities and building foundations adjacent to the site which may be vulnerable to impacts (settlement or subsidence) due to temporary lowering of groundwater. A geotechnical assessment of consolidation and settlement is required to assess the potential impact;
- In absence of suitable groundwater monitoring wells at key locations related to the proposed development, new wells may have to be drilled. For settlement monitoring some elevation benchmark stations may have to be set up to monitor ground movement or settlement; and
- This report is a preliminary hydrogeological assessment report based on previous works completed at the site and the review of water well records logged in to the MECP water well database. This report will be updated when the field studies are completed.

The conclusions and recommendations provided above should be reviewed in conjunction with the entirety of the report. We assume that the present design concept described throughout the report will proceed to construction. This preliminary report is solely intended for the zoning bylaw amendment application. Any changes to the design concept may result in a modification to the conclusions and recommendations provided in this report.

10 Limitations

This report is based on a limited investigation designed to provide information to support an assessment of the current hydrogeological conditions within the study area. The conclusions and recommendations presented within this report reflect Site conditions existing at the time of the assessment. EXP must be contacted, if any unforeseen Site conditions are experienced during construction activities. This will allow EXP to review the new findings and provide appropriate recommendations to allow the construction to proceed in a timely and cost-effective manner.

Our undertaking at EXP, therefore, is to perform our work within limits prescribed by our clients, with the usual thoroughness and competence of the geoscience/engineering profession. No other warranty or representation, either expressed or implied, is included or intended in this report.

This preliminary report was prepared for the exclusive use of RioCan Real Estate Investment Trust. This report may not be reproduced in whole or in part, without the prior written consent of EXP, or used or relied upon in whole or in part by other parties for any purposes whatsoever. Any use which a third party makes of this report, or any part thereof, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

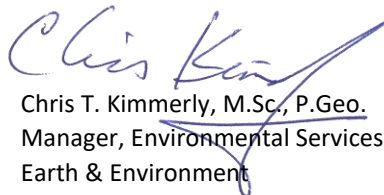
We trust that this information is satisfactory for your purposes. Should you have any questions or comments, please do not hesitate to contact this office.

Sincerely,

EXP Services Inc.



Delwar Ahmed, M.Sc., P.Geol.
Senior Hydrogeologist
Earth & Environment



Chris T. Kimmerly, M.Sc., P.Geol.
Manager, Environmental Services
Earth & Environment

11 References

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J.P. Powers, A.B. Corwin, P.C. Schmall and W.E. Kaeck (2007). Construction Dewatering and Groundwater Control, Third Edition.

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<https://www.rvca.ca/regulations-planning/map-a-property>

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OTT-22015769-A0
December 13, 2022

Figures

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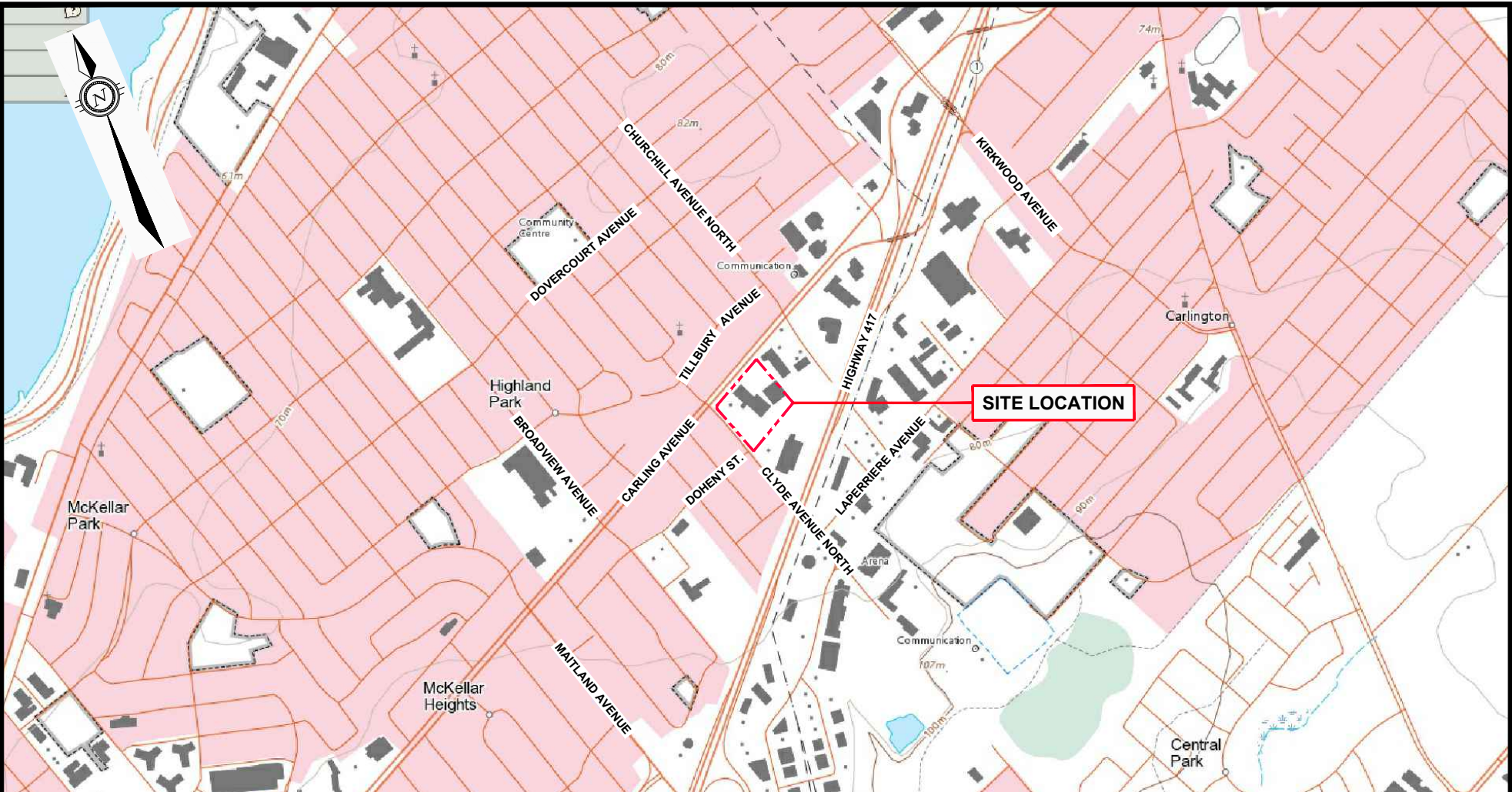


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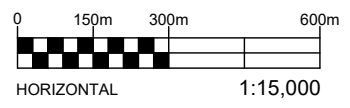


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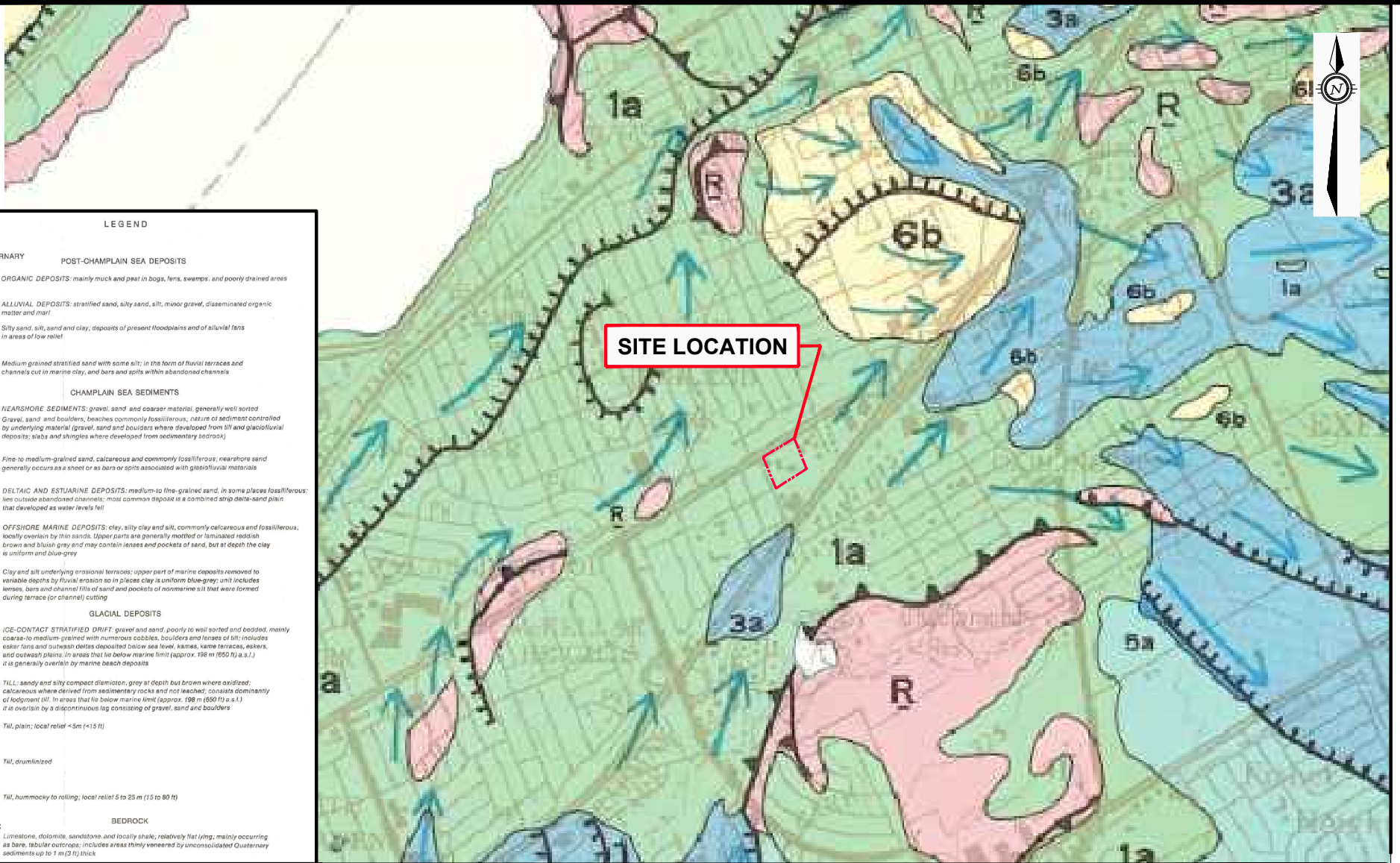
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 PROPERTY BOUNDARY



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DESIGN DA	CHECKED CK	TITLE: SITE LOCATION PLAN		scale 1:15,000
DRAWN BY AS				FIG 1



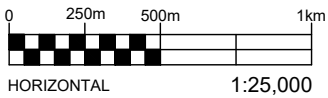
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CENOZOIC QUATERNARY	
7	ORGANIC DEPOSITS: mainly muck and peat in bogs, fens, swamps, and poorly drained areas
ALLUVIAL DEPOSITS: stratified sand, silty sand, silt, minor gravel, disseminated organic matter and marl	
6a	Silty sand, silt, sand and clay, deposits of present floodplains and of alluvial fans in areas of low relief
6b	Medium grained stratified sand with some silt; in the form of fluvial terraces and channels cut in marine clay, and bars and spits within abandoned channels
CHAMPLAIN SEA SEDIMENTS	
NEARSHORE SEDIMENTS: gravel, sand and coarser material, generally well sorted	
5a	Gravel, sand and boulders; beaches commonly fossiliferous; nature of sediment controlled by underlying material (gravel, sand and boulders where developed from till and glacioluvial deposits; slabs and shingles where developed from sedimentary bedrock)
5b	Fine to medium-grained sand, calcareous and commonly fossiliferous; nearshore sand generally occurs as a sheet or as bars or spits associated with glacioluvial materials
4	DELTAIC AND ESTUARINE DEPOSITS: medium to fine-grained sand, in some places fossiliferous; lies outside abandoned channels; most common deposit is a combined strip delta-sand plain that developed as water levels fell
3	OFFSHORE MARINE DEPOSITS: clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth the clay is uniform and blue-grey
3a	Clay and silt underlying erosional terraces; upper part of marine deposits removed to variable depths by fluvial erosion so in places clay is uniform blue-grey; unit includes lenses, bars and channel fills of sand and pockets of nonmarine silt that were formed during terrace (or channel) cutting
GLACIAL DEPOSITS	
2	ICE-CONTACT STRATIFIED DRIFT: gravel and sand, poorly to well sorted and bedded, mainly coarse to medium grained with numerous cobbles, boulders and lenses of silt; includes esker fans and outwash deltas deposited below sea level; kames, some terraces, eskers, and outwash plains. In areas that lie below marine limit (approx. 198 m (650 ft) a.s.l.) it is generally overlain by marine beach deposits
TILL: sandy and silty compact diamiction, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till. In areas that lie below marine limit (approx. 198 m (650 ft) a.s.l.) it is overlain by a discontinuous lag consisting of gravel, sand and boulders	
1a	Till, plain; local relief <5m (<15 ft)
1b	Till, drumlinized
1c	Till, hummocky to rolling; local relief 5 to 25 m (15 to 80 ft)
PALEOZOIC BEDROCK	
R	Limestone, dolomite, sandstone and locally shale, relatively flat lying, mainly occurring as bare, tabular outcrops; includes areas thinly veneered by unconsolidated Quaternary sediments up to 1 m (3 ft) thick



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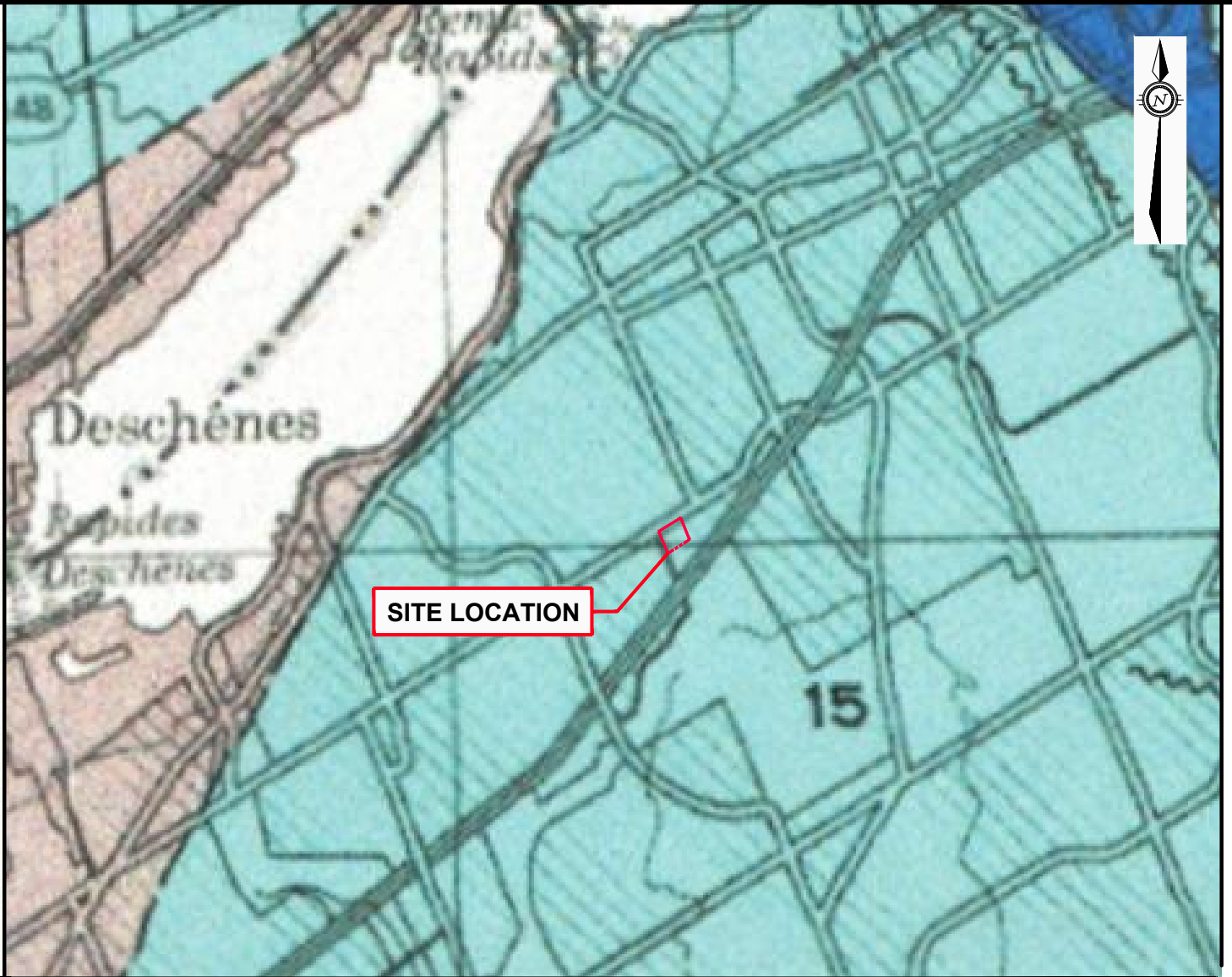
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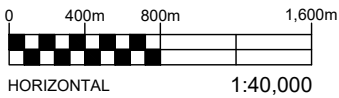
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- No information is available on the rock formations underlying these Quaternary deposits*
- ORDOVICIAN**
- 19 *QUEENSTON FORMATION: red shale*
- 18 *CARLSBAD FORMATION: grey shale, sandy shale, some dolomitic layers*
- 17 *BILLINGS FORMATION: black shale with some brown shale*
- 16 *EASTVIEW FORMATION: dark grey almost black limestone*
- 15 *OTTAWA FORMATION: limestone with some shaly partings: some sandstone in basal part*
- 14 *ST. MARTIN FORMATION: shale, sandstone, impure limestone, dolomite*
- 13 *ROCKCLIFFE FORMATION: shale with lenses of sandstone*
- 12 *OXFORD FORMATION: dolomite and limestone*
- 11 *MARCH FORMATION: interbedded sandstone and sandy dolomite*
- ORDOVICIAN OR CAMBRIAN**
- 10 *NEPEAN FORMATION: sandstone*
- PRECAMBRIAN**
- 9 *Granite, quartz, monzonite, granodiorite, tonalite, massive and foliated; also associated migmatite*
- 8 *Syenite, monzonite, massive and foliated*
- 7 *Pegmatite, white pegmatite associated with marble*
- 6 *Diorite, gabbro, anorthosite, metagabbro*
- 5 *Marble, lime silicate rocks, interbedded amphibolite, skarn*
- 4 *Amphibolite, greenstone, associated migmatite, in places garnetiferous (includes probable mafic metavolcanics)*

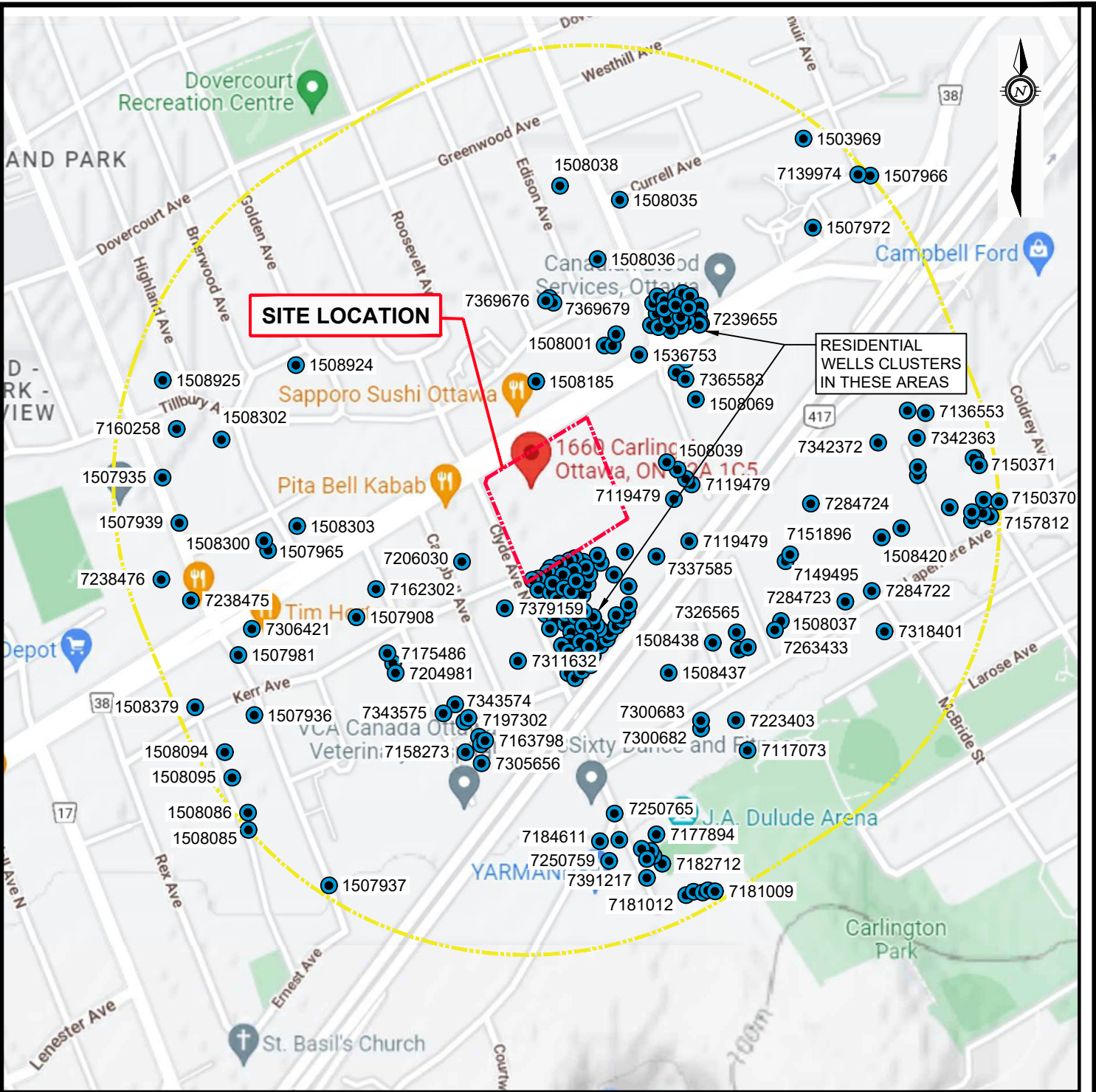


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DESIGN DA	CHECKED CK	scale 1:40,000
DRAWN BY AS	TITLE: BEDROCK GEOLOGY	
		FIG 2B

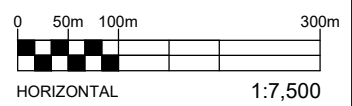
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RESIDENTIAL WELLS CLUSTERS IN THESE AREAS

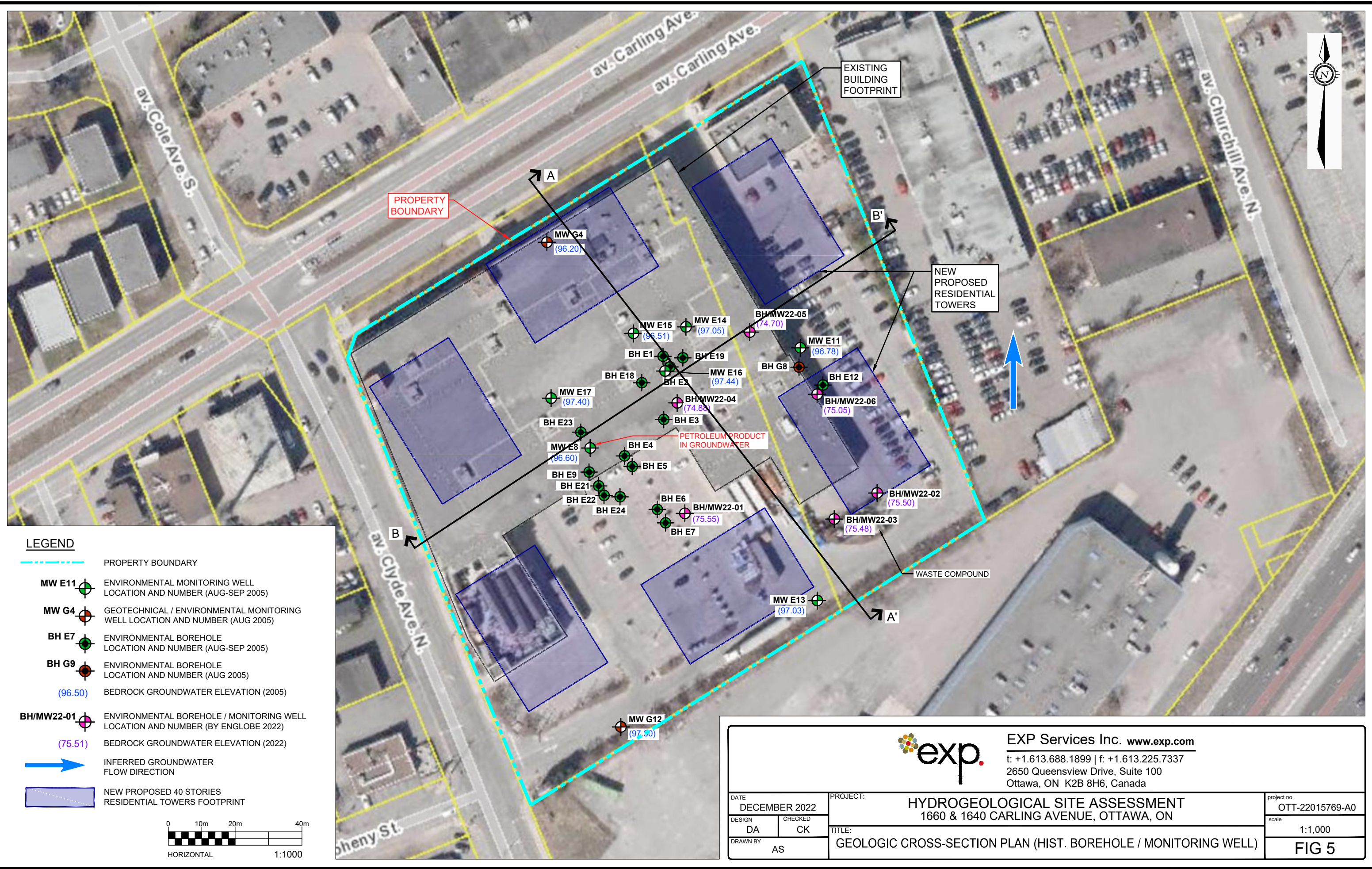
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- 1507937 RESIDENTIAL WELL
- - - - - SITE BOUNDARIES
- - - - - 500m (OF-SITE) RADIUS



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DESIGN DA	CHECKED CK	scale 1:7,500
DRAWN BY AS		TITLE: MECP WATER WELL RECORDS MAP
		FIG 3



LEGEND

- PROPERTY BOUNDARY
- ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG-SEP 2005)
- GEOTECHNICAL / ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG 2005)
- ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG-SEP 2005)
- ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG 2005)
- (96.50) BEDROCK GROUNDWATER ELEVATION (2005)
- ENVIRONMENTAL BOREHOLE / MONITORING WELL LOCATION AND NUMBER (BY ENGLOBE 2022)
- (75.51) BEDROCK GROUNDWATER ELEVATION (2022)
- INFERRED GROUNDWATER FLOW DIRECTION
- NEW PROPOSED 40 STORIES RESIDENTIAL TOWERS FOOTPRINT

HORIZONTAL 1:1000

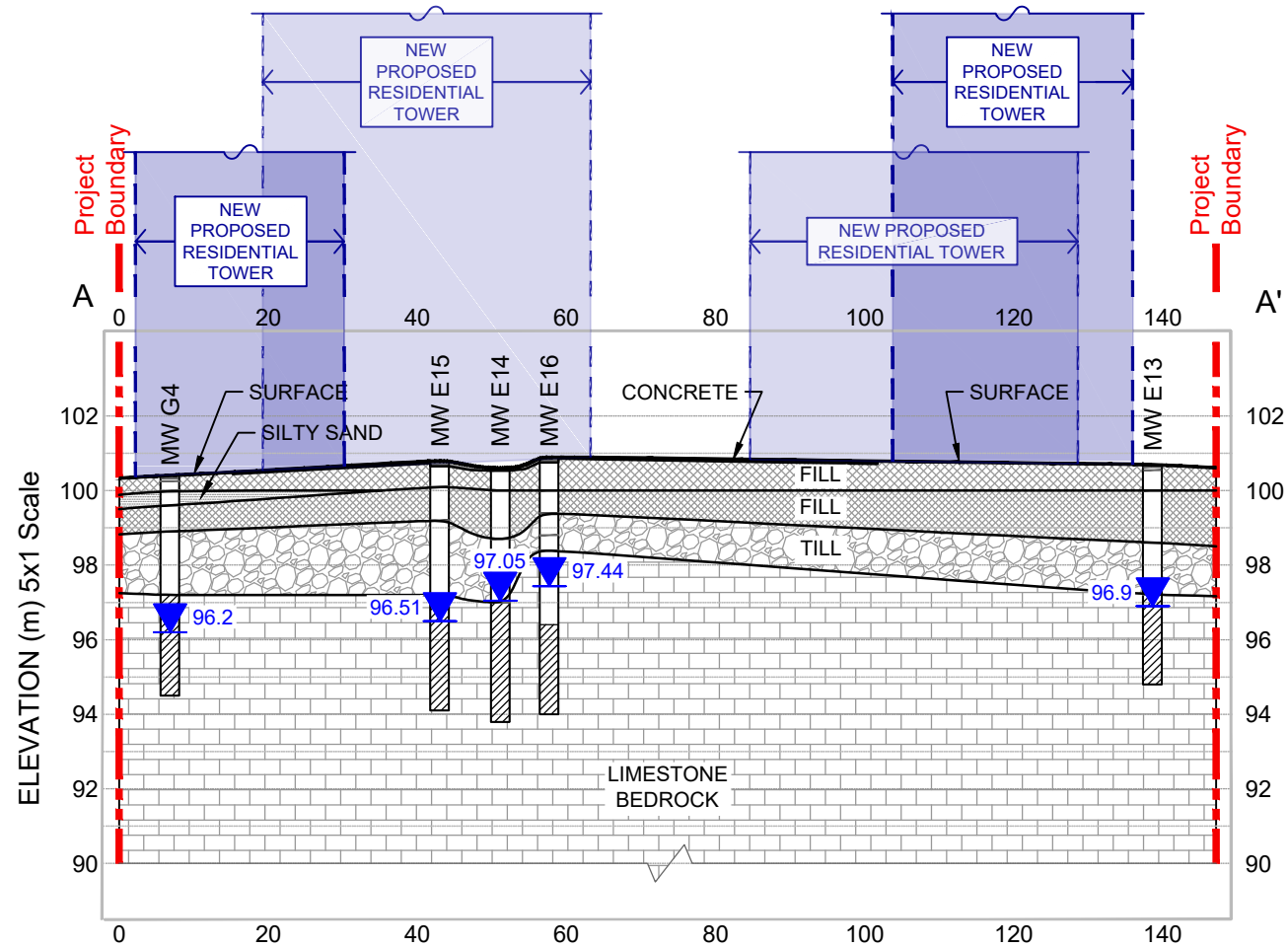
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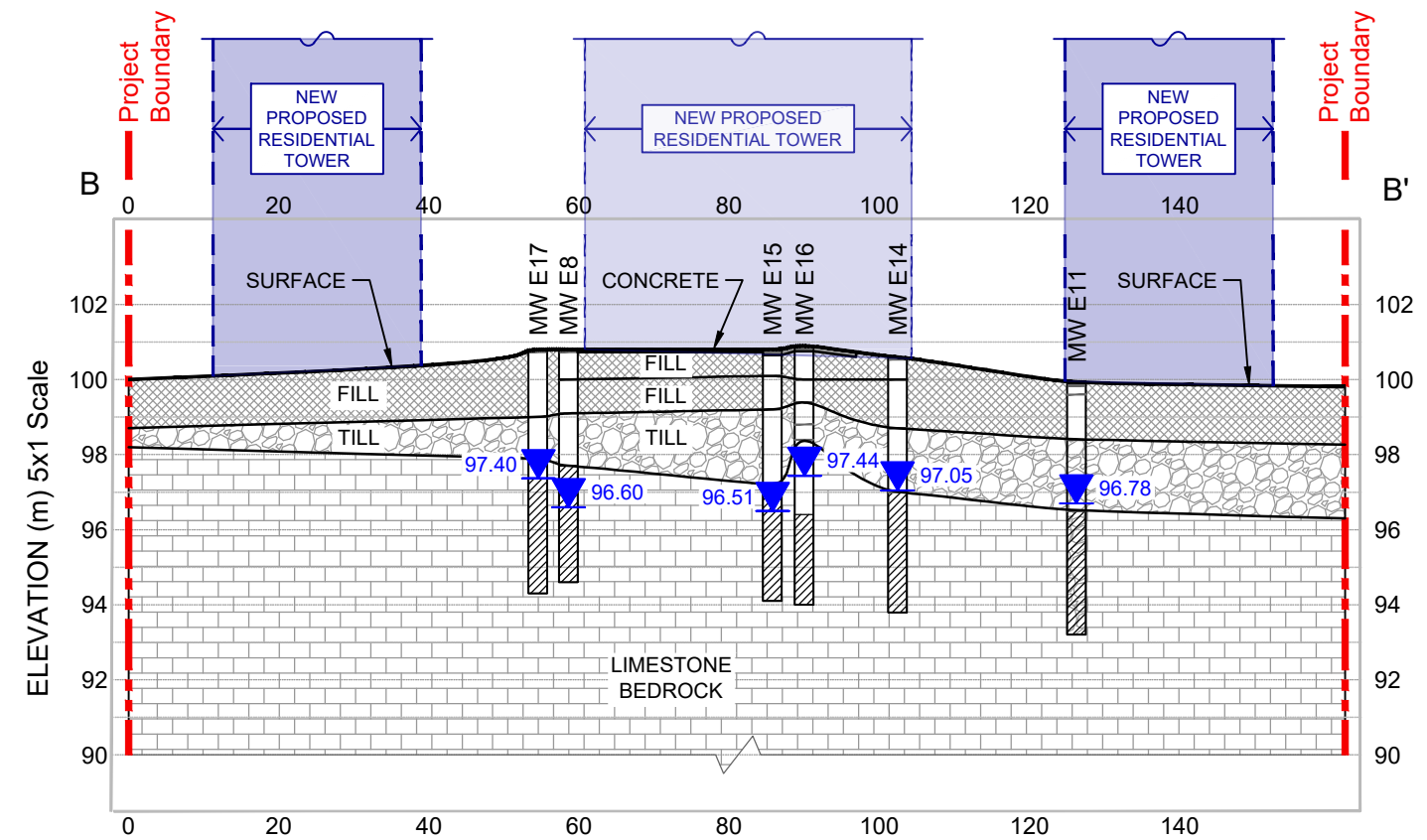
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DESIGN DA	CHECKED CK	scale 1:1,000
DRAWN BY AS		TITLE: GEOLOGIC CROSS-SECTION PLAN (HIST. BOREHOLE / MONITORING WELL)
		FIG 5

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HORIZONTAL DISTANCE (m) Scale as indicated
GEOLOGICAL CROSS-SECTION A-A'

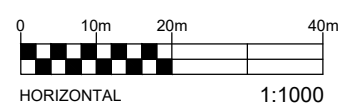


HORIZONTAL DISTANCE (m) Scale as indicated
GEOLOGICAL CROSS-SECTION B-B'

LEGEND

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NEW PROPOSED 40 STORIES RESIDENTIAL TOWERS



LEGEND

- FILL
- TILL
- BEDROCK
- SCREEN
- GROUNDWATER ELEVATION



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DESIGN DA	CHECKED CK	TITLE: GEOLOGIC CROSS-SECTIONS: A-A', B-B' (HIST. BOREHOLE / MONITORING WELL)		scale 1:1,000
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December 13, 2022

Appendix A – MECP WWR

Water Well Records

Well Record

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

1503963		Lot 029 Conc 01	OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON				Flowing? N		
Date	1/15/1949	Elev	77.5 (masl)	Easting	441251	Northing	5025422	SWL	8.5 (mbgs) 68.9 (masl)
DDMMYY		Well_Depth_m:	88.3919982910156	UTM RC	9	unknown UTM		Pumping WL	27.4 (mbgs) 50.0 (masl)
		Water Found	45.7 (mbgs)	Water Supply	31.7 (masl)	FRESH		Pump Rate	9.1 (LPM) 2 / 0
		Street						Spec. Cap.	0.48 (LPM/m) Hr / Min
		Town/City							
				Depth (m)		Elev (masl)		Color	Soil Descriptions
				0.0		77.5			
				1.5		75.9			MEDIUM SAND / GRAVEL /
				29.0		48.5	BLUE		MEDIUM SAND / GRAVEL /
				61.0		16.5	BLUE		SHALE / /
				88.4		-10.9	WHITE		SHALE / /
							WHITE		LIMESTONE / /
									LIMESTONE / /
									LIMESTONE / /

1503969		Lot 031 Conc 01	OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON				Flowing? N		
Date	12/1/1949	Elev	76.3 (masl)	Easting	441721	Northing	5025782	SWL	4.0 (mbgs) 72.4 (masl)
DDMMYY		Well_Depth_m:	23.7744007110596	UTM RC	9	unknown UTM		Pumping WL	5.5 (mbgs) 70.9 (masl)
		Water Found	23.8 (mbgs)	Water Supply	52.6 (masl)	FRESH		Pump Rate	13.6 (LPM) 1 / 0
		Street						Spec. Cap.	8.95 (LPM/m) Hr / Min
		Town/City							
				Depth (m)		Elev (masl)		Color	Soil Descriptions
				0.0		76.3			
				5.8		70.6	BLUE		CLAY / /
				23.8		52.6	BLUE		CLAY / /
							BLUE		LIMESTONE / /
							BLUE		LIMESTONE / /

1507908		Lot Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N		
Date	11/4/1951	Elev	78.7 (masl)	Easting	441111	Northing	5025142	SWL	0.9 (mbgs) 77.8 (masl)
DDMMYY		Well_Depth_m:	18.8976001739502	UTM RC	9	unknown UTM		Pumping WL	6.1 (mbgs) 72.6 (masl)
		Water Found	17.7 (mbgs)	Water Supply	61.0 (masl)	FRESH		Pump Rate	18.2 (LPM) 2 / 0
		Street						Spec. Cap.	3.51 (LPM/m) Hr / Min
		Town/City							
				Depth (m)		Elev (masl)		Color	Soil Descriptions
				0.0		78.7			
				0.9		77.8			CLAY / /
				18.9		59.8			LIMESTONE / SHALE /

1507965		Lot Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N		
Date	5/2/1950	Elev	75.9 (masl)	Easting	440991	Northing	5025232	SWL	3.7 (mbgs) 72.3 (masl)
DDMMYY		Well_Depth_m:	17.0687999725342	UTM RC	9	unknown UTM		Pumping WL	(mbgs) (masl)
		Water Found	16.2 (mbgs)	Water Supply	59.8 (masl)	FRESH		Pump Rate	4.5 (LPM) 0 / 30
		Street						Spec. Cap.	(LPM/m) Hr / Min
		Town/City							
				Depth (m)		Elev (masl)		Color	Soil Descriptions
				0.0		75.9			
				1.2		74.7			CLAY / /
				17.1		58.9	BLACK		ROCK / /

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

1507972		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	12/5/1950	Elev	76.1 (masl)	Easting	441731	Northing	5025662	SWL	0.9	(mbgs)	75.2	(masl)
DDMMYY		Well_Depth_m:	17.3736000061035	UTM RC	9	unknown UTM		Pumping WL		(mbgs)		(masl)
			/ Domestic		Water Supply			Pump Rate	36.4	(LPM)	1 / 0	
		Water Found	12.2 (mbgs)		63.9 (masl)	FRESH	Depth (m)	Elev (masl)				Soil Descriptions
		Street					0.0	76.1	Color			
		Town/City										
							1.5	74.5			SILT /	/
											SILT /	/
											SILT /	/
							17.4	58.7			ROCK /	/
											ROCK /	/
											ROCK /	/

1507994		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	4/12/1953	Elev	76.1 (masl)	Easting	441731	Northing	5025662	SWL	2.1	(mbgs)	73.9	(masl)
DDMMYY		Well_Depth_m:	20.1168003082275	UTM RC	9	unknown UTM		Pumping WL	4.6	(mbgs)	71.5	(masl)
			/ Domestic		Water Supply			Pump Rate	27.3	(LPM)	1 / 0	
		Water Found	18.3 (mbgs)		57.8 (masl)	FRESH	Depth (m)	Elev (masl)				Soil Descriptions
		Street					0.0	76.1	Color			
		Town/City										
							2.1	73.9			TOPSOIL /	MEDIUM SAND / BOULDERS
											TOPSOIL /	MEDIUM SAND / BOULDERS
							4.3	71.8			SHALE /	/
											SHALE /	/
							20.1	56.0	BLUE		LIMESTONE /	/
									BLUE		LIMESTONE /	/

1508001		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	4/12/1956	Elev	77.1 (masl)	Easting	441451	Northing	5025507	SWL	12.2	(mbgs)	65.0	(masl)
DDMMYY		Well_Depth_m:	76.2000045776367	UTM RC	9	unknown UTM		Pumping WL	19.5	(mbgs)	57.6	(masl)
			/ Commerical		Water Supply			Pump Rate	54.6	(LPM)	2 / 0	
		Water Found	76.2 (mbgs)		0.9 (masl)	FRESH	Depth (m)	Elev (masl)				Soil Descriptions
		Street					0.0	77.1	Color			
		Town/City										
							1.2	75.9			CLAY /	/
							76.2	0.9			LIMESTONE /	/

1508035		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	5/27/1950	Elev	77.6 (masl)	Easting	441471	Northing	5025702	SWL	2.7	(mbgs)	74.8	(masl)
DDMMYY		Well_Depth_m:	15.2399997711182	UTM RC	9	unknown UTM		Pumping WL	4.6	(mbgs)	73.0	(masl)
			/ Domestic		Water Supply			Pump Rate		(LPM)	0 / 10	
		Water Found	15.2 (mbgs)		62.3 (masl)	FRESH	Depth (m)	Elev (masl)				Soil Descriptions
		Street					0.0	77.6	Color			
		Town/City										
							15.2	62.3			LIMESTONE /	/

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

1508036		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	11/9/1951	Elev	77.2 (masl)	Easting	441441	Northing	5025622	SWL	3.0	(mbgs)	74.2	(masl)
DDMMYY		Well_Depth_m:	30.4799995422363	UTM RC	9	unknown UTM		Pumping WL	4.6	(mbgs)	72.6	(masl)
			/ Domestic	Water Supply				Pump Rate	18.2	(LPM)	0	/ 30
		Water Found	18.3 (mbgs)	58.9 (masl)	FRESH	Depth (m)	0.0	Elev (masl)				Spec. Cap.
		Street										
		Town/City										
							0.6	76.6		TOPSOIL /		/
							30.5	46.7		LIMESTONE /		/

1508037		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	11/6/1952	Elev	79.3 (masl)	Easting	441681	Northing	5025132	SWL	2.1	(mbgs)	77.2	(masl)
DDMMYY		Well_Depth_m:	16.1543998718262	UTM RC	9	unknown UTM		Pumping WL		(mbgs)		(masl)
			Domestic / Commerical	Water Supply				Pump Rate	31.8	(LPM)	1	/ 0
		Water Found	12.2 (mbgs)	67.2 (masl)	FRESH	Depth (m)	0.0	Elev (masl)				Spec. Cap.
		Street										
		Town/City										
							0.9	78.4		CLAY /	MEDIUM SAND	/ STONES
										CLAY /	MEDIUM SAND	/ STONES
							2.1	77.2		CLAY /	MEDIUM SAND	/ STONES
										ROCK /		/
										ROCK /		/
										ROCK /		/
							16.2	63.2		LIMESTONE /		/
										LIMESTONE /		/
										LIMESTONE /		/

1508038		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	9/22/1953	Elev	77.4 (masl)	Easting	441391	Northing	5025722	SWL	4.6	(mbgs)	72.9	(masl)
DDMMYY		Well_Depth_m:	20.1168003082275	UTM RC	9	unknown UTM		Pumping WL		(mbgs)		(masl)
			/ Commerical	Water Supply				Pump Rate		(LPM)		/
		Water Found	20.1 (mbgs)	57.3 (masl)	FRESH	Depth (m)	0.0	Elev (masl)				Spec. Cap.
		Street										
		Town/City										
							2.4	75.0		CLAY /		/
							20.1	57.3	WHITE	LIMESTONE /		/

1508039		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	4/26/1954	Elev	78.1 (masl)	Easting	441531	Northing	5025347	SWL	1.8	(mbgs)	76.3	(masl)
DDMMYY		Well_Depth_m:	20.7264003753662	UTM RC	9	unknown UTM		Pumping WL	7.6	(mbgs)	70.5	(masl)
			/ Domestic	Water Supply				Pump Rate	31.8	(LPM)	2	/ 0
		Water Found	19.8 (mbgs)	58.3 (masl)	FRESH	Depth (m)	0.0	Elev (masl)				Spec. Cap.
		Street										
		Town/City										
							6.1	72.0		CLAY /		/
							20.7	57.4		LIMESTONE /		/

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

1508040		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	10/26/1954	Elev	78.4 (masl)	Easting	441371	Northing	5025122	SWL	1.8 (mbgs)	76.5 (masl)		
DDMMYY		Well_Depth_m:	76.5047988891602	UTM RC	9	unknown UTM		Pumping WL	38.1 (mbgs)	40.3 (masl)		
			/ Commerical	Water Supply				Pump Rate	31.8 (LPM)	0 / 40		
		Water Found	75.6 (mbgs)	2.8 (masl)	FRESH	Depth (m)	0.0	Elev (masl)			Color	Soil Descriptions
		Street										
		Town/City										
							1.8	76.5		TOPSOIL /		/
							76.5	1.9		LIMESTONE /		/

1508069		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	4/23/1960	Elev	77.2 (masl)	Easting	441571	Northing	5025432	SWL	4.6 (mbgs)	72.6 (masl)		
DDMMYY		Well_Depth_m:	64.0080032348633	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	48.8 (mbgs)	28.4 (masl)		
			/ Cooling And A/C	Water Supply				Pump Rate	4.5 (LPM)	4 / 0		
		Water Found	64.0 (mbgs)	13.2 (masl)	FRESH	Depth (m)	0.0	Elev (masl)			Color	Soil Descriptions
		Street										
		Town/City										
							0.9	76.3		FILL /		/
							64.0	13.2		LIMESTONE /		/

1508300		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	2/10/1950	Elev	75.3 (masl)	Easting	440986	Northing	5025247	SWL	4.3 (mbgs)	71.0 (masl)		
DDMMYY		Well_Depth_m:	21.3360004425049	UTM RC	9	unknown UTM		Pumping WL	(mbgs)	(masl)		
			/ Domestic	Water Supply				Pump Rate	(LPM)	/		
		Water Found	21.3 (mbgs)	54.0 (masl)	FRESH	Depth (m)	0.0	Elev (masl)			Color	Soil Descriptions
		Street										
		Town/City										
							1.5	73.8		TOPSOIL /		/
										TOPSOIL /		/
										TOPSOIL /		/
							21.3	54.0		LIMESTONE /		/
										LIMESTONE /		/
										LIMESTONE /		/

1508301		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N				
Date	10/7/1950	Elev	75.3 (masl)	Easting	440986	Northing	5025247	SWL	2.7 (mbgs)	72.5 (masl)		
DDMMYY		Well_Depth_m:	28.0416011810303	UTM RC	9	unknown UTM		Pumping WL	3.7 (mbgs)	71.6 (masl)		
			/ Domestic	Water Supply				Pump Rate	36.4 (LPM)	1 / 0		
		Water Found	15.2 (mbgs)	60.0 (masl)	FRESH	Depth (m)	0.0	Elev (masl)			Color	Soil Descriptions
		Street										
		Town/City										
							0.6	74.7		SILT /		/
										SILT /		/
										SILT /		/
							1.8	73.5		SHALE /		/
										SHALE /		/
										SHALE /		/
							28.0	47.2		LIMESTONE /		/
										LIMESTONE /		/

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

		28.0	47.2	LIMESTONE /							
1508302	Lot	Conc		OTTAWA CITY / OTTAWA-CARLETON				Flowing? N			
Date	12/27/1950	Elev	74.5 (masl)	Easting	440931	Northing	5025382	SWL	4.6 (mbgs)	69.9 (masl)	
DDMMYY		Well_Depth_m:	23.7744007110596	UTM RC	9	unknown UTM		Pumping WL	7.6 (mbgs)	66.9 (masl)	
		/ Domestic	Water Supply					Pump Rate	22.7 (LPM)	0 / 30	
		Water Found	23.8 (mbgs)	50.7 (masl)	FRESH	Depth (m)	0.0	Elev (masl)	74.5	Color	Soil Descriptions
		Street									
		Town/City									
							4.0	70.5	CLAY /	/	
							23.8	50.7	LIMESTONE /	/	

1508303	Lot	Conc		OTTAWA CITY / OTTAWA-CARLETON				Flowing? N			
Date	5/30/1951	Elev	76.2 (masl)	Easting	441031	Northing	5025262	SWL	1.8 (mbgs)	74.4 (masl)	
DDMMYY		Well_Depth_m:	16.7639999389648	UTM RC	9	unknown UTM		Pumping WL	3.0 (mbgs)	73.2 (masl)	
		/ Domestic	Water Supply					Pump Rate	31.8 (LPM)	0 / 30	
		Water Found	16.8 (mbgs)	59.5 (masl)	FRESH	Depth (m)	0.0	Elev (masl)	76.2	Color	Soil Descriptions
		Street									
		Town/City									
							0.9	75.3	CLAY /	/	
							16.8	59.5	LIMESTONE /	/	

1508419	Lot	Conc		OTTAWA CITY / OTTAWA-CARLETON				Flowing? N			
Date	11/24/1954	Elev	79.6 (masl)	Easting	441911	Northing	5025282	SWL	3.0 (mbgs)	76.6 (masl)	
DDMMYY		Well_Depth_m:	18.2880001068115	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	7.6 (mbgs)	72.0 (masl)	
		/ Commerical	Water Supply					Pump Rate	31.8 (LPM)	2 / 0	
		Water Found	18.3 (mbgs)	61.3 (masl)	FRESH	Depth (m)	0.0	Elev (masl)	79.6	Color	Soil Descriptions
		Street									
		Town/City									
							5.2	74.4	CLAY /	/	
							18.3	61.3	LIMESTONE /	/	

1508420	Lot	Conc		OTTAWA CITY / OTTAWA-CARLETON				Flowing? N			
Date	2/16/1955	Elev	79.7 (masl)	Easting	441821	Northing	5025242	SWL	1.5 (mbgs)	78.1 (masl)	
DDMMYY		Well_Depth_m:	19.8120002746582	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	3.0 (mbgs)	76.6 (masl)	
		/ Commerical	Water Supply					Pump Rate	36.4 (LPM)	2 / 0	
		Water Found	19.8 (mbgs)	59.9 (masl)	FRESH	Depth (m)	0.0	Elev (masl)	79.7	Color	Soil Descriptions
		Street									
		Town/City									
							3.7	76.0	FILL /	/	
							19.8	59.9	LIMESTONE /	/	

1508437	Lot	Conc		OTTAWA CITY / OTTAWA-CARLETON				Flowing? N			
Date	11/14/1963	Elev	79.5 (masl)	Easting	441531	Northing	5025062	SWL	3.0 (mbgs)	76.4 (masl)	
DDMMYY		Well_Depth_m:	60.9599990844727	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	61.0 (mbgs)	18.5 (masl)	
		/ Commerical	Water Supply					Pump Rate	18.2 (LPM)	2 / 0	
		Water Found	59.4 (mbgs)	20.0 (masl)	FRESH	Depth (m)	0.0	Elev (masl)	79.5	Color	Soil Descriptions
		Street									
		Town/City									

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

					1.2	78.3			CLAY /	/		
					61.0	18.5	GREY		LIMESTONE /	/		
1508438	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N					
Date	4/7/1964	Elev	79.2 (masl)	Easting	441591	Northing	5025102	SWL	2.4	(mbgs)	76.8	(masl)
DDMMYY		Well_Depth_m:	60.9599990844727	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	31.7	(mbgs)	47.5	(masl)
			/ Commerical		Water Supply			Pump Rate	136.4	(LPM)	1 / 0	
		Water Found	7.6 (mbgs)		71.6 (masl)	FRESH	Depth (m)	0.0				Soil Descriptions
		Street					Elev (masl)	79.2				
		Town/City										
							1.5	77.7		CLAY /	/	
										CLAY /	/	
							61.0	18.3	GREY	LIMESTONE /	/	
									GREY	LIMESTONE /	/	

1508924	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N					
Date	3/16/1951	Elev	74.7 (masl)	Easting	441031	Northing	5025482	SWL	1.8	(mbgs)	72.9	(masl)
DDMMYY		Well_Depth_m:	18.8976001739502	UTM RC	9	unknown UTM		Pumping WL	3.0	(mbgs)	71.6	(masl)
			/ Domestic		Water Supply			Pump Rate	27.3	(LPM)	0 / 30	
		Water Found	18.9 (mbgs)		55.8 (masl)	FRESH	Depth (m)	0.0				Soil Descriptions
		Street					Elev (masl)	74.7				
		Town/City										
							3.0	71.6		CLAY /	/	
							18.9	55.8		LIMESTONE /	/	

1508925	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing? N					
Date	4/20/1951	Elev	75.0 (masl)	Easting	440851	Northing	5025462	SWL	1.5	(mbgs)	73.5	(masl)
DDMMYY		Well_Depth_m:	24.3840007781982	UTM RC	9	unknown UTM		Pumping WL	3.0	(mbgs)	72.0	(masl)
			/ Domestic		Water Supply			Pump Rate		(LPM)	/	
		Water Found	21.3 (mbgs)		53.7 (masl)	FRESH	Depth (m)	0.0				Soil Descriptions
		Street					Elev (masl)	75.0				
		Town/City										
							2.1	72.9		CLAY /	/	
							3.4	71.7		GRAVEL /	/	
							24.4	50.6	BLUE	SHALE /	/	

1510606	Lot	030	Conc	01	OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON				Flowing? N			
Date	6/17/1949	Elev	75.9 (masl)	Easting	440801	Northing	5025547	SWL	0.9	(mbgs)	75.0	(masl)
DDMMYY		Well_Depth_m:	19.5072002410889	UTM RC	9	unknown UTM		Pumping WL		(mbgs)		(masl)
			/ Domestic		Water Supply			Pump Rate		(LPM)	1 / 0	
		Water Found	18.3 (mbgs)		57.6 (masl)	FRESH	Depth (m)	0.0				Soil Descriptions
		Street					Elev (masl)	75.9				
		Town/City										
							3.4	72.5		BOULDERS /	CLAY	/
							19.5	56.4		LIMESTONE /	/	

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

1510608	Lot 030 Conc 01	OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON				Flowing? N				
Date 6/21/1949 DDMMYY	Elev 76.5 (masl)	Easting 440786	Northing 5025562	UTM RC 9	unknown UTM	SWL 1.2 (mbgs)	75.3 (masl)			
	Well_Depth_m: 20.1168003082275					Pumping WL (mbgs)				
	/ Domestic	Water Supply				Pump Rate (LPM)	1 / 0			
	Water Found 18.9 (mbgs)	57.6 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 76.5	Spec. Cap. (LPM/m)		Hr / Min	Soil Descriptions	
	Street									
	Town/City									
				3.4	73.1		BOULDERS /	CLAY /		
				20.1	56.4		LIMESTONE /			

1510609	Lot 030 Conc 01	OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON				Flowing? N				
Date 6/14/1949 DDMMYY	Elev 75.9 (masl)	Easting 440801	Northing 5025552	UTM RC 9	unknown UTM	SWL 1.2 (mbgs)	74.7 (masl)			
	Well_Depth_m: 19.5072002410889					Pumping WL 1.2 (mbgs)	74.7 (masl)			
	/ Domestic	Water Supply				Pump Rate (LPM)	1 / 0			
	Water Found 18.3 (mbgs)	57.7 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 75.9	Spec. Cap. 9,999.99 (LPM/m)		Hr / Min	Soil Descriptions	
	Street									
	Town/City									
				3.0	72.9		BOULDERS /	CLAY /		
				19.5	56.4		LIMESTONE /			

1536753	Lot Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?				
Date 8/14/2006 DDMMYY	Elev 77.0 (masl)	Easting 441494	Northing 5025492	UTM RC 3	margin of error : 10 - 30 m	SWL (mbgs)	(masl)			
	Well_Depth_m: 3.90000009536743					Pumping WL (mbgs)	(masl)			
	/	Abandoned-Other				Pump Rate (LPM)	/			
	Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl) 77.0	Spec. Cap. (LPM/m)		Hr / Min	Soil Descriptions	
	Street 1607 CARLING AVENUE									
	Town/City OTTAWA									
				3.9	73.1		/	/		

7043268	Lot Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?				
Date 2/26/2007 DDMMYY	Elev 78.2 (masl)	Easting 441867	Northing 5025326	UTM RC 3	margin of error : 10 - 30 m	SWL (mbgs)	(masl)			
	Well_Depth_m: 4.57000017166138					Pumping WL (mbgs)	(masl)			
	/	Abandoned-Other				Pump Rate (LPM)	/			
	Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl) 78.2	Spec. Cap. (LPM/m)		Hr / Min	Soil Descriptions	
	Street 880 LADY ELLEN									
	Town/City OTTAWA									
				1.2	77.0	BROWN	FILL /	GRAVEL /		
				2.4	75.8	BROWN	SAND /	SILT /		
				4.0	74.3	GREY	SILT /	SAND /		
				4.6	73.7	GREY	SILT /	SAND /		

7114836	Lot Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?				
Date	Elev 77.7 (masl)	Easting 441393	Northing 5025180	UTM RC 3	margin of error : 10 - 30 m	SWL (mbgs)	(masl)			
DDMMYY	Well_Depth_m: 5.48640012741089					Pumping WL (mbgs)	(masl)			
	/ Monitoring	Test Hole				Pump Rate (LPM)	/			
	Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl) 77.7	Spec. Cap. (LPM/m)		Hr / Min	Soil Descriptions	
	Street 861 CLYDE AVE.									
	Town/City Ottawa									

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

	1.7	76.0	BROWN	FILL /	GRAVEL	/ LOOSE
		76.1	BROWN	FILL /	GRAVEL	/ LOOSE
			BROWN	FILL /	GRAVEL	/ LOOSE
		76.0	BROWN	FILL /	GRAVEL	/ LOOSE
			BROWN	FILL /	GRAVEL	/ LOOSE
			BROWN	FILL /	GRAVEL	/ LOOSE
			BROWN	FILL /	GRAVEL	/ LOOSE
			BROWN	FILL /	GRAVEL	/ LOOSE
			BROWN	FILL /	GRAVEL	/ LOOSE
	5.5	72.2	GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/

7117494		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	12/4/2008	Elev	77.7 (masl)	Easting	441406	Northing	5025165	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	3.04800009727478	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Water Found	/ Monitoring (mbgs)	Test Hole		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	861 CLYDE AVE	(masl)		0.0	77.7			
		Town/City	Ottawa							
						1.2	76.4	BROWN	SAND /	SILT /
							76.5	BROWN	SAND /	SILT /
							76.4	BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
							76.5	BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
							76.6	BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
							77.1	BROWN	SAND /	SILT /
							76.6	BROWN	SAND /	SILT /
							76.5	BROWN	SAND /	SILT /
							76.6	BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
							76.4	BROWN	SAND /	SILT /
							76.6	BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /
								BROWN	SAND /	SILT /

1.2	76.4	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
	77.1	BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	79.5	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	77.1	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.5	BROWN	SAND /	SILT /
	77.1	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	77.2	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	77.1	BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.7	BROWN	SAND /	SILT /
	76.4	BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
	76.4	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
	76.7	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

1.2	76.7	BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.7	BROWN	SAND /	SILT /
		BROWN	SAND /	SILT /
	76.6	BROWN	SAND /	SILT /
3.0	76.7	BROWN	SAND /	SILT /
	75.4	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	77.7	GREY	LIMESTONE /	/
	75.4	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.9	GREY	LIMESTONE /	/
	75.4	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	77.7	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	75.4	GREY	LIMESTONE /	/
	75.3	GREY	LIMESTONE /	/
	74.9	GREY	LIMESTONE /	/
	75.3	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	77.7	GREY	LIMESTONE /	/
	75.3	GREY	LIMESTONE /	/
	77.7	GREY	LIMESTONE /	/
	74.9	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.6	GREY	LIMESTONE /	/
74.9	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
77.7	GREY	LIMESTONE /	/	
75.3	GREY	LIMESTONE /	/	
74.8	GREY	LIMESTONE /	/	
74.7	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
74.8	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	
	GREY	LIMESTONE /	/	

9.5	69.2	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.1	BROWN	SAND /	CLAY	/
	69.2	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.0	BROWN	SAND /	CLAY	/
	69.2	BROWN	SAND /	CLAY	/
	69.1	BROWN	SAND /	CLAY	/
	69.2	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.0	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.2	BROWN	SAND /	CLAY	/
	69.1	BROWN	SAND /	CLAY	/
	68.0	BROWN	SAND /	CLAY	/
	69.4	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.1	BROWN	SAND /	CLAY	/
	69.4	BROWN	SAND /	CLAY	/
	69.1	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
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		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.3	BROWN	SAND /	CLAY	/
	68.8	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/

9.5	68.8	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.3	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	68.8	BROWN	SAND /	CLAY	/
	69.3	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	71.4	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.0	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	71.4	BROWN	SAND /	CLAY	/
	69.3	BROWN	SAND /	CLAY	/
	68.0	BROWN	SAND /	CLAY	/
	69.0	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	71.4	BROWN	SAND /	CLAY	/
	68.8	BROWN	SAND /	CLAY	/
	69.0	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	68.0	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	68.8	BROWN	SAND /	CLAY	/
	68.0	BROWN	SAND /	CLAY	/
	68.8	BROWN	SAND /	CLAY	/
	68.0	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7119478		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?	
Date	1/30/2009	Elev	79.5 (masl)	Easting	441403	Northing	5025080	SWL (mbgs) (masl)
DDMMYY		Well_Depth_m:	4.57000017166138	UTM RC	3	margin of error :	10 - 30 m	Pumping WL (mbgs) (masl)
			/ Monitoring and Te			Depth (m)	Elev (masl)	Pump Rate (LPM) /
		Water Found	(mbgs) (masl)					Spec. Cap. (LPM/m) Hr / Min
		Street	861 CLYDE STREET			0.0	79.5	Color
		Town/City	Ottawa					Soil Descriptions
						2.7	76.8	BROWN SAND / SILT /
								BROWN SAND / SILT /
						4.6	76.0	GREY LIMESTONE / /
							74.9	GREY LIMESTONE / /

7119479		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?	
Date	1/28/2009	Elev	82.0 (masl)	Easting	441430	Northing	5025086	SWL (mbgs) (masl)
DDMMYY		Well_Depth_m:	3.96000003814697	UTM RC	3	margin of error :	10 - 30 m	Pumping WL (mbgs) (masl)
			/ Monitoring			Depth (m)	Elev (masl)	Pump Rate (LPM) /
		Water Found	(mbgs) (masl)					Spec. Cap. (LPM/m) Hr / Min
		Street	861 CLYDE AVE.			0.0	82.0	Color
		Town/City	Ottawa					Soil Descriptions
						0.1	81.9	BLACK OTHER / /
							77.9	BLACK OTHER / /
								BLACK OTHER / /
							81.9	BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
							78.2	BLACK OTHER / /
							81.9	BLACK OTHER / /
							77.9	BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
							81.9	BLACK OTHER / /
							78.2	BLACK OTHER / /
							81.0	BLACK OTHER / /
							77.5	BLACK OTHER / /
							78.2	BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
							77.9	BLACK OTHER / /
							78.2	BLACK OTHER / /
							77.9	BLACK OTHER / /
							78.2	BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /
								BLACK OTHER / /

0.1	81.0	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
	77.5	BLACK	OTHER /	/
	77.7	BLACK	OTHER /	/
	77.5	BLACK	OTHER /	/
	78.2	BLACK	OTHER /	/
	77.9	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
	81.0	BLACK	OTHER /	/
	79.0	BLACK	OTHER /	/
	77.5	BLACK	OTHER /	/
		BLACK	OTHER /	/
	79.0	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
	81.0	BLACK	OTHER /	/
	79.0	BLACK	OTHER /	/
	77.5	BLACK	OTHER /	/
	79.0	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
	79.0	BLACK	OTHER /	/
	79.2	BLACK	OTHER /	/
	77.9	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
	79.2	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/
	77.7	BLACK	OTHER /	/
	79.2	BLACK	OTHER /	/
		BLACK	OTHER /	/
	78.2	BLACK	OTHER /	/
	79.2	BLACK	OTHER /	/
		BLACK	OTHER /	/
	77.9	BLACK	OTHER /	/
		BLACK	OTHER /	/
	76.7	BLACK	OTHER /	/
		BLACK	OTHER /	/
		BLACK	OTHER /	/

0.1	76.7	BLACK	OTHER /	/	
		BLACK	OTHER /	/	
		BLACK	OTHER /	/	
		BLACK	OTHER /	/	
		BLACK	OTHER /	/	
		BLACK	OTHER /	/	
		BLACK	OTHER /	/	
	79.2	BLACK	OTHER /	/	
		77.7	BLACK	OTHER /	/
			BLACK	OTHER /	/
			BLACK	OTHER /	/
			BLACK	OTHER /	/
			BLACK	OTHER /	/
			BLACK	OTHER /	/
	78.2	BLACK	OTHER /	/	
		BLACK	OTHER /	/	
	77.7	BLACK	OTHER /	/	
BLACK		OTHER /	/		
78.2	BLACK	OTHER /	/		
	BLACK	OTHER /	/		
79.2	BLACK	OTHER /	/		
	BLACK	OTHER /	/		
0.9	80.2	BROWN	GRAVEL /	SAND / FILL	
		BROWN	GRAVEL /	SAND / FILL	
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
	76.7	BROWN	GRAVEL /	SAND / FILL	
		80.2	BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
	76.7	BROWN	GRAVEL /	SAND / FILL	
		80.2	BROWN	GRAVEL /	SAND / FILL
	75.9	BROWN	GRAVEL /	SAND / FILL	
		76.7	BROWN	GRAVEL /	SAND / FILL
	77.1	BROWN	GRAVEL /	SAND / FILL	
		BROWN	GRAVEL /	SAND / FILL	
	80.2	BROWN	GRAVEL /	SAND / FILL	
		76.9	BROWN	GRAVEL /	SAND / FILL
	75.9	BROWN	GRAVEL /	SAND / FILL	
		BROWN	GRAVEL /	SAND / FILL	
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
			BROWN	GRAVEL /	SAND / FILL
	77.1	BROWN	GRAVEL /	SAND / FILL	
		BROWN	GRAVEL /	SAND / FILL	
	76.7	BROWN	GRAVEL /	SAND / FILL	
		77.1	BROWN	GRAVEL /	SAND / FILL
	76.9	BROWN	GRAVEL /	SAND / FILL	
BROWN		GRAVEL /	SAND / FILL		
77.1	BROWN	GRAVEL /	SAND / FILL		
	BROWN	GRAVEL /	SAND / FILL		
75.9	BROWN	GRAVEL /	SAND / FILL		
	77.1	BROWN	GRAVEL /	SAND / FILL	
76.7	BROWN	GRAVEL /	SAND / FILL		
	77.1	BROWN	GRAVEL /	SAND / FILL	

0.9	77.1	BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
	76.9	BROWN	GRAVEL /	SAND /	FILL
	75.9	BROWN	GRAVEL /	SAND /	FILL
	77.1	BROWN	GRAVEL /	SAND /	FILL
	75.9	BROWN	GRAVEL /	SAND /	FILL
	78.2	BROWN	GRAVEL /	SAND /	FILL
	76.9	BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
	76.7	BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
	75.9	BROWN	GRAVEL /	SAND /	FILL
	76.9	BROWN	GRAVEL /	SAND /	FILL
	77.4	BROWN	GRAVEL /	SAND /	FILL
	81.1	BROWN	GRAVEL /	SAND /	FILL
	77.4	BROWN	GRAVEL /	SAND /	FILL
	78.4	BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
	78.2	BROWN	GRAVEL /	SAND /	FILL
	77.4	BROWN	GRAVEL /	SAND /	FILL
	81.1	BROWN	GRAVEL /	SAND /	FILL
	77.4	BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
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		BROWN	GRAVEL /	SAND /	FILL
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		BROWN	GRAVEL /	SAND /	FILL
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		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
	77.1	BROWN	GRAVEL /	SAND /	FILL
		BROWN	GRAVEL /	SAND /	FILL
	78.2	BROWN	GRAVEL /	SAND /	FILL

0.9	78.2	BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
	77.4	BROWN	GRAVEL /	SAND	/ FILL
	81.1	BROWN	GRAVEL /	SAND	/ FILL
	77.4	BROWN	GRAVEL /	SAND	/ FILL
	81.1	BROWN	GRAVEL /	SAND	/ FILL
	77.1	BROWN	GRAVEL /	SAND	/ FILL
	81.1	BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
	77.4	BROWN	GRAVEL /	SAND	/ FILL
4.0	73.7	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
	74.3	GREY	LIMESTONE /		/
	73.7	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
	75.4	GREY	LIMESTONE /		/
	74.3	GREY	LIMESTONE /		/
	73.9	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
	75.4	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
	73.9	GREY	LIMESTONE /		/
	75.4	GREY	LIMESTONE /		/
	73.9	GREY	LIMESTONE /		/
	72.8	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
	74.3	GREY	LIMESTONE /		/
	75.4	GREY	LIMESTONE /		/
	74.3	GREY	LIMESTONE /		/
	73.7	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/

4.0	73.7	GREY	LIMESTONE /	/
	78.1	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	73.9	GREY	LIMESTONE /	/
	78.1	GREY	LIMESTONE /	/
	73.7	GREY	LIMESTONE /	/
	74.3	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	73.9	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	78.1	GREY	LIMESTONE /	/
	77.1	GREY	LIMESTONE /	/
	74.0	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	77.1	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.0	GREY	LIMESTONE /	/
	77.1	GREY	LIMESTONE /	/
	75.2	GREY	LIMESTONE /	/
	77.1	GREY	LIMESTONE /	/
	75.2	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.1	GREY	LIMESTONE /	/
	77.1	GREY	LIMESTONE /	/
	74.3	GREY	LIMESTONE /	/
	74.1	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	75.2	GREY	LIMESTONE /	/

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4.0	74.1	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.0	GREY	LIMESTONE /	/
	74.3	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.0	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.1	GREY	LIMESTONE /	/
	74.0	GREY	LIMESTONE /	/
	74.3	GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
		GREY	LIMESTONE /	/
	74.0	GREY	LIMESTONE /	/

7136552	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date 11/2/2009	Elev (masl)	Easting 441941	Northing 5025275		SWL	(mbgs)	(masl)		
DDMMYY	Well_Depth_m: 3.96000003814697	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)		
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/	
	Water Found (mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min	
	Street 881 LADY ELLEN PLACE				Color			Soil Descriptions	
	Town/City Ottawa								
				0.6	BROWN	FILL /	STONES	/ LOOSE	
				2.4	BROWN	SAND /	SILT	/ LOOSE	
				4.0	GREY	SILT /	SAND	/ HARD	

7136553	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date 11/2/2009	Elev 76.8 (masl)	Easting 441880	Northing 5025408		SWL	(mbgs)	(masl)		
DDMMYY	Well_Depth_m: 4.26999998092651	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)		
	/ Monitoring and Te Observation Wells			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/	
	Water Found (mbgs)	(masl)		0.0	76.8	Spec. Cap.	(LPM/m)	Hr / Min	
	Street 881 LADY ELLEN PLACE				Color			Soil Descriptions	
	Town/City Ottawa								
				0.6	BROWN	FILL /	SAND	/ LOOSE	
				1.8	BROWN	SILT /	CLAY	/ DENSE	
				4.3	GREY	SILT /	CLAY	/ WATER-BEARING	

7136554	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date 11/2/2009	Elev 78.0 (masl)	Easting 441869	Northing 5025341		SWL	(mbgs)	(masl)		
DDMMYY	Well_Depth_m: 4.88000011444092	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)		
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/	
	Water Found (mbgs)	(masl)		0.0	78.0	Spec. Cap.	(LPM/m)	Hr / Min	
	Street 881 LADY ELLEN PLACE				Color			Soil Descriptions	
	Town/City Ottawa								
				0.6	BROWN	FILL /	STONES	/ LOOSE	
				3.1	BROWN	SILT /	SAND	/ DENSE	
				4.9	GREY	SILT /	SAND	/ STONES	

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7139974		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?	SWL	(mbgs)	(masl)
Date	8/14/2009	Elev	67.6 (masl)	Easting	441295	Northing	5026966	Pumping WL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	6	UTM RC	4	margin of error :	30 m - 100 m	Pump Rate	(LPM)	/	
			/					Spec. Cap.	(LPM/m)	Hr / Min	
		Water Found	(mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions				
		Street	TWEENMUIR AT CLARE ST	0.0	67.6						
		Town/City	Ottawa								
				0.2	67.4		/		/		
					76.6		/		/		
					76.0		/		/		
					67.4		/		/		
				0.4	75.8	GREY	STONES /		/		
					67.2	GREY	STONES /		/		
					76.4	GREY	STONES /		/		
					67.2	GREY	STONES /		/		
				1.4	75.4	BROWN	FILL /	SAND	/	SILT	
					74.8	BROWN	FILL /	SAND	/	SILT	
					66.2	BROWN	FILL /	SAND	/	SILT	
					72.4	GREY	CLAY /	SILTY	/		
				4.4	71.8	GREY	CLAY /	SILTY	/		
					63.2	GREY	CLAY /	SILTY	/		
					72.4	GREY	CLAY /	SILTY	/		
					71.8	GREY	CLAY /	SILTY	/		
				6.0	70.8	GREY	ROCK /	LIMESTONE	/		
					70.2	GREY	ROCK /	LIMESTONE	/		
					61.6	GREY	ROCK /	LIMESTONE	/		
						GREY	ROCK /	LIMESTONE	/		

7147062		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?	SWL	(mbgs)	(masl)
Date	5/12/2010	Elev	78.8 (masl)	Easting	441962	Northing	5025324	Pumping WL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	5.78999996185303	UTM RC	4	margin of error :	30 m - 100 m	Pump Rate	(LPM)	/	
			/ Monitoring and Te Monitoring and Test Hole					Spec. Cap.	(LPM/m)	Hr / Min	
		Water Found	(mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions				
		Street	1550 /1451 CARLING/COLDREY	0.0	78.8						
		Town/City	Ottawa								
				4.3	74.5	BROWN	COARSE SAND /	GRAVEL	/	HARD	
				5.8	73.0	GREY	COARSE SAND /	GRAVEL	/	HARD	

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7150369		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/6/2010	Elev	79.1 (masl)	Easting	441964	Northing	5025307	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.78999996185303	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	1550 CARLING AVE.		0.0	79.1				
		Town/City								
					3.7	75.5	BROWN	GRAVEL /	SAND	/ HARD
					5.8	73.3	GREY	SILT /	GRAVEL	/ HARD

7150370		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/6/2010	Elev	78.8 (masl)	Easting	441977	Northing	5025324	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.78999996185303	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	1550 CARLING AVE.		0.0	78.8				
		Town/City								
					3.7	75.1	BROWN	GRAVEL /	SAND	/ HARD
					5.8	73.0	GREY	SILT /	GRAVEL	/ HARD

7150371		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/6/2010	Elev	78.4 (masl)	Easting	441951	Northing	5025342	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.78999996185303	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	1550 CARLING AVE.		0.0	78.4				
		Town/City	OTTAWA							
					3.7	74.8	BROWN	GRAVEL /	SAND	/ HARD
					5.8	72.7	GREY	SILT /	GRAVEL	/ HARD

7150372		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/6/2010	Elev	78.3 (masl)	Easting	441941	Northing	5025348	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.78999996185303	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	1550 CARLING AVE.		0.0	78.3				
		Town/City								
					3.7	74.7	BROWN	GRAVEL /	SAND	/ HARD
					5.8	72.6	GREY	SILT /	GRAVEL	/ HARD

7151896		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/19/2010	Elev	(masl)	Easting	441696	Northing	5025220	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.78999996185303	UTM RC	2	margin of error : 3 - 10 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Test Hole							
		Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	1551 LAPERRIER		0.0					
		Town/City	OTTAWA							
					0.6		GREY	GRAVEL /	FILL	/ LOOSE

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					3.3	BROWN	SAND /	/ SOFT
					5.8	GREY	LIMESTONE /	/ HARD
7154088	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date 10/15/2010	Elev 79.1 (masl)	Easting 441952	Northing 5025311			SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 6.4000009536743	UTM RC 3	margin of error : 10 - 30 m			Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Water Found	(mbgs)	(masl)	0.0	79.1			
	Street 1479 LAPIERIERRE ST.							
	Town/City OTTAWA							
				0.9	78.2	BROWN	GRAVEL /	SAND / SOFT
				2.4	76.6	BROWN	FINE SAND /	SILT / SOFT
				5.8	73.3	BROWN	FINE SAND /	SILT / SOFT
				6.4	72.7	GREY	SILT /	SAND / GRAVEL

7154089	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date 10/15/2010	Elev 79.9 (masl)	Easting 441956	Northing 5025274			SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 7.32000017166138	UTM RC 3	margin of error : 10 - 30 m			Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Water Found	(mbgs)	(masl)	0.0	79.9			
	Street 1479 LAPIERIERRE ST.							
	Town/City OTTAWA							
				0.9	79.0	BROWN	GRAVEL /	SAND / SOFT
				3.3	76.6	BROWN	SAND /	SILT / SOFT
				5.2	74.8	BROWN	SAND /	SILT / SOFT
				7.3	72.6	GREY	SILT /	GRAVEL / DENSE

7155919	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date 10/28/2010	Elev (masl)	Easting 441395	Northing 5025187			SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 7.01000022888184	UTM RC 3	margin of error : 10 - 30 m			Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Water Found	(mbgs)	(masl)	0.0				
	Street 861 CLYDE AVE							
	Town/City OTTAWA							
				0.6		BROWN	FILL /	/ SOFT
				1.8		BROWN	CLAY /	/ WATER-BEARING
				7.0		GREY	LIMESTONE /	/ HARD

7155920	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date 10/28/2010	Elev (masl)	Easting 441402	Northing 5025183			SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 7.32000017166138	UTM RC 3	margin of error : 10 - 30 m			Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Water Found	(mbgs)	(masl)	0.0				
	Street 861 CLYDE RD							
	Town/City OTTAWA							
				1.2		BROWN	FILL /	/ DRY
				2.1		BROWN	CLAY /	/ WATER-BEARING
				7.3		GREY	LIMESTONE /	/ HARD

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7155921									
Lot		Conc		OTTAWA CITY / OTTAWA-CARLETON					
Date	10/28/2010	Elev	(masl)	Easting	441376	Northing	5025142	Flowing?	
DDMMYY		Well_Depth_m:	3.96000003814697	UTM RC	3	margin of error : 10 - 30 m		SWL	(mbgs) (masl)
								Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		/ Monitoring and Te Monitoring and Test Hole				Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	861 CLYDE ST						
		Town/City	OTTAWA						
						0.9		BROWN	/ /
						1.8		BROWN	CLAY / / SOFT
						4.0		GREY	LIMESTONE / / HARD

7155922									
Lot		Conc		OTTAWA CITY / OTTAWA-CARLETON					
Date	10/28/2010	Elev	(masl)	Easting	441445	Northing	5025122	Flowing?	
DDMMYY		Well_Depth_m:	7.01000022888184	UTM RC	3	margin of error : 10 - 30 m		SWL	(mbgs) (masl)
								Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		/ Monitoring and Te Monitoring and Test Hole				Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	861 CLYDE ST						
		Town/City	OTTAWA						
						0.9		BROWN	FILL / / SOFT
						1.8		BROWN	CLAY / / DRY
						7.0		GREY	LIMESTONE / / HARD

7155923									
Lot		Conc		OTTAWA CITY / OTTAWA-CARLETON					
Date	10/26/2010	Elev	(masl)	Easting	441393	Northing	5025150	Flowing?	
DDMMYY		Well_Depth_m:	2.44000005722046	UTM RC	3	margin of error : 10 - 30 m		SWL	(mbgs) (masl)
								Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		/ Monitoring and Te Monitoring and Test Hole				Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	861 CLYDE RD						
		Town/City	OTTAWA						
						1.5		BROWN	SAND / / DRY
						2.4		BROWN	SAND / / WATER-BEARING

7155924									
Lot		Conc		OTTAWA CITY / OTTAWA-CARLETON					
Date	10/26/2010	Elev	(masl)	Easting	441424	Northing	5025185	Flowing?	
DDMMYY		Well_Depth_m:	2.44000005722046	UTM RC	3	margin of error : 10 - 30 m		SWL	(mbgs) (masl)
								Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		/ Monitoring and Te Monitoring and Test Hole				Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	861 CLYDE RD						
		Town/City	OTTAWA						
						1.2		BROWN	SAND / / DRY
						2.4		BROWN	SAND / / WATER-BEARING

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7156015		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	11/23/2010	Elev	(masl)	Easting	441415	Northing	5025176	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	4.26719999313354	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te	Monitoring and Test Hole		Depth (m)	Elev (masl)			
		Water Found	(mbgs)	(masl)		0.0		Color		Soil Descriptions
		Street	861 CLYDE AVE							
		Town/City	OTTAWA							
						2.1		BROWN	SAND /	CLAY /
						4.3		GREY	LIMESTONE /	SHALE /
										SOFT /
										DENSE

7156016		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	11/24/2010	Elev	(masl)	Easting	441436	Northing	5025123	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	4.26719999313354	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te	Observation Wells		Depth (m)	Elev (masl)			
		Water Found	(mbgs)	(masl)		0.0		Color		Soil Descriptions
		Street	861 CLYDE AVE							
		Town/City	OTTAWA							
						2.1		BROWN	SAND /	CLAY /
						4.3		GREY	LIMESTONE /	CLAY /
										DENSE

7156734		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	11/24/2010	Elev	(masl)	Easting	441435	Northing	5025120	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	4.87680006027222	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te	Monitoring and Test Hole		Depth (m)	Elev (masl)			
		Water Found	(mbgs)	(masl)		0.0		Color		Soil Descriptions
		Street	861 CLYDE AVENUE							
		Town/City	Ottawa							
						2.7		BROWN	SAND /	CLAY /
						4.9		GREY	LIMESTONE /	CLAY /
										DENSE

7157811		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	12/1/2010	Elev	(masl)	Easting	441959	Northing	5025291	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	6.09999990463257	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te	Monitoring and Test Hole		Depth (m)	Elev (masl)			
		Water Found	(mbgs)	(masl)		0.0		Color		Soil Descriptions
		Street	1479 LAPIERRE AVE							
		Town/City	OTTAWA							
						0.9		BROWN	GRAVEL /	SAND /
						4.3		GREY	SAND /	GRAVEL /
						6.1		GREY	SAND /	GRAVEL /
										WATER-BEARING

7157812		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	12/1/2010	Elev	(masl)	Easting	441965	Northing	5025269	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	6.09999990463257	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te	Monitoring and Test Hole		Depth (m)	Elev (masl)			
		Water Found	(mbgs)	(masl)		0.0		Color		Soil Descriptions
		Street	1479 LAPIERRE AVE							
		Town/City	OTTAWA							

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

							0.9	BROWN	GRAVEL /	SAND	/ SOFT	
							4.3	GREY	COARSE SAND /	GRAVEL	/ SOFT	
							6.1	GREY	COARSE SAND /	GRAVEL	/ WATER-BEARING	
7157813	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?					
Date	12/1/2010	Elev	(masl)	Eastng	441941	Northng	5025265			SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.4899977111816	UTM RC	3	margin of error :	10 - 30 m			Pumping WL	(mbgs)	(masl)
										Pump Rate	(LPM)	/
										Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te									
			Monitoring and Test Hole									
			Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color		Soil Descriptions	
			Street	1479 LAPIERE AVE			0.0					
			Town/City	OTTAWA								
							0.9	BROWN	GRAVEL /	SAND	/ SOFT	
							4.3	GREY	COARSE SAND /	GRAVEL	/ SOFT	
							5.5	GREY	COARSE SAND /	GRAVEL	/ SOFT	

7158273	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?					
Date	12/22/2010	Elev	(masl)	Eastng	441259	Northng	5024978			SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	7.6199988555908	UTM RC	4	margin of error :	30 m - 100 m			Pumping WL	(mbgs)	(masl)
										Pump Rate	(LPM)	/
										Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te									
			Test Hole									
			Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color		Soil Descriptions	
			Street	877 BOYD AVE			0.0					
			Town/City	Ottawa								
							0.3	BLACK	/	GRAVEL	/	
								BLACK	/	GRAVEL	/	
								BLACK	/	GRAVEL	/	
								BLACK	/	GRAVEL	/	
								BLACK	/	GRAVEL	/	
								BLACK	/	GRAVEL	/	
							1.8	BROWN	SAND /	GRAVEL	/ SOFT	
								BROWN	SAND /	GRAVEL	/ SOFT	
								BROWN	SAND /	GRAVEL	/ SOFT	
								BROWN	SAND /	GRAVEL	/ SOFT	
								BROWN	SAND /	GRAVEL	/ SOFT	
								BROWN	SAND /	GRAVEL	/ SOFT	
							5.2	GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
							7.6	GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	
								GREY	LIMESTONE /		/ HARD	

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7159360		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	1/20/2011	Elev	(masl)	Easting	441275	Northing	5024968	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	7.6199988555908	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
			/ Monitoring and Te Test Hole					Spec. Cap.	(LPM/m) Hr / Min
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	877 BOYD AVE		0.0				
		Town/City	Ottawa						
					1.5		BROWN	SAND /	SILT / STONES
					7.6		GREY	LIMESTONE /	HARD / DRY

7159361		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	1/20/2011	Elev	(masl)	Easting	441274	Northing	5024978	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	7.6199988555908	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
			/ Monitoring and Te Test Hole					Spec. Cap.	(LPM/m) Hr / Min
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	877 BOYD AVE		0.0				
		Town/City	Ottawa						
					1.5		BROWN	SAND /	SILT / STONES
					7.6		GREY	LIMESTONE /	HARD / DRY

7160258		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	2/3/2011	Elev	(masl)	Easting	440868	Northing	5025396	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
			/ Abandoned-Other					Spec. Cap.	(LPM/m) Hr / Min
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	496 TILLBURY AVE		0.0				
		Town/City	OTTAWA						

7162302		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	1/6/2011	Elev	(masl)	Easting	441138	Northing	5025180	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
			/					Spec. Cap.	(LPM/m) Hr / Min
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street			0.0				
		Town/City							

7163794		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	4/26/2011	Elev	(masl)	Easting	441257	Northing	5024957	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	9.14000034332275	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
			/ Monitoring and Te Monitoring and Test Hole					Spec. Cap.	(LPM/m) Hr / Min
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	877 BOYD AVENUE		0.0				
		Town/City	Ottawa						
					0.3		BLACK	GRAVEL /	FILL / LOOSE
					1.5		BROWN	SAND /	STONES / SOFT
					9.1		GREY	LIMESTONE /	HARD

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7163795		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date	4/26/2011	Elev	(masl)	Easting	441258	Northing	5024959	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	9.14000034332275	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)		(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	877 BOYD AVENUE			0.0				
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	FILL /
						1.5		BROWN	SAND /	STONES /
						9.1		GREY	LIMESTONE /	HARD

7163796		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date	4/26/2011	Elev	(masl)	Easting	441274	Northing	5024980	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	9.14000034332275	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)		(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	877 BOYD AVENUE			0.0				
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	FILL /
						1.5		BROWN	SAND /	STONES /
						9.1		GREY	LIMESTONE /	HARD

7163797		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date	4/26/2011	Elev	(masl)	Easting	441276	Northing	5024979	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	9.14000034332275	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)		(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	877 BOYD AVENUE			0.0				
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	FILL /
						1.5		BROWN	SAND /	STONES /
						9.1		GREY	LIMESTONE /	HARD

7163798		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date	4/26/2011	Elev	(masl)	Easting	441280	Northing	5024973	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	9.14000034332275	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te							
			Monitoring and Test Hole							
		Water Found	(mbgs)		(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	877 BOYD AVENUE			0.0				
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	FILL /
						1.5		BROWN	SAND /	STONES /
						9.1		GREY	LIMESTONE /	HARD

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

716658		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	7/6/2011	Elev	(masl)	Easting	441565	Northing	5025543	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
			/					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street				0.0		Color		Soil Descriptions
		Town/City								/

7171580		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/22/2011	Elev	(masl)	Easting	441429	Northing	5025075	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
			/					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street				0.0		Color		Soil Descriptions
		Town/City								/

7172118		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	10/15/2011	Elev	(masl)	Easting	441395	Northing	5025150	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	4.26999998092651	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
			/ Monitoring and Te Monitoring and Test Hole					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/
						2.4		BROWN	SAND /	SOFT / DRY
						4.3		GREY	LIMESTONE /	/ FRACTURED

7172119		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	10/16/2011	Elev	(masl)	Easting	441390	Northing	5025188	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	4.26999998092651	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
			/ Monitoring and Te Test Hole					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/
						0.3		BROWN	/	/ CEMENTED
						2.1		BROWN	SAND /	SOFT / DRY
						4.3		GREY	LIMESTONE /	/ HARD

7172120		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	10/19/2011	Elev	(masl)	Easting	441397	Northing	5025109	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	4.88000011444092	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs)	(masl)
			/ Monitoring and Te Test Hole					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/
						1.8		BROWN	SAND /	STONES /
						2.9		GREY	CLAY /	SAND /

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7172121		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON		Flowing?			
Date	10/19/2011	Elev	(masl)	Easting	441425	Northing	5025089	SWL	(mbgs) (masl)
	DDMMYY	Well_Depth_m:	4.57000017166138	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
			/ Monitoring and Te Test Hole						
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				1.8			BROWN	SAND /	/
				2.4			GREY	CLAY /	SAND /
				4.6			GREY	LIMESTONE /	/

7172122		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON		Flowing?			
Date	10/23/2011	Elev	(masl)	Easting	441394	Northing	5025159	SWL	(mbgs) (masl)
	DDMMYY	Well_Depth_m:	4.88000011444092	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
			/ Monitoring and Te Test Hole						
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				2.7			BROWN	SAND /	SOFT / DRY
				4.9			GREY	LIMESTONE /	HARD / FRACTURED

7172199		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON		Flowing?			
Date	10/15/2011	Elev	(masl)	Easting	441398	Northing	5025161	SWL	(mbgs) (masl)
	DDMMYY	Well_Depth_m:	4.57000017166138	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
			/ Monitoring and Te Test Hole						
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				2.5			BROWN	SAND /	SOFT / DRY
				4.6			GREY	LIMESTONE /	/ FRACTURED

7175486		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON		Flowing?			
Date	10/7/2011	Elev	(masl)	Easting	441151	Northing	5025090	SWL	(mbgs) (masl)
	DDMMYY	Well_Depth_m:	7.92479991912842	UTM RC	3	margin of error : 10 - 30 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
			/ Monitoring and Te Monitoring and Test Hole						
		Water Found	(mbgs) (masl)	Depth (m)		Elev (masl)		Color	Soil Descriptions
		Street	836 BOYD STREET	0.0					
		Town/City	Ottawa						
				2.1			BROWN	SAND /	/ LOOSE
				7.9			GREY	LIMESTONE /	CLAY / LAYERED

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7180632		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	2/11/2012	Elev	(masl)	Easting	441396	Northing	5025184	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	12.1499996185303	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
			/ Monitoring and Te Test Hole					Spec. Cap.	(LPM/m)	Hr / Min
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	861 CLYDE AVE			0.0				
		Town/City	OTTAWA							
						1.5		BROWN	FILL /	GRAVEL / SAND
						12.1		GREY	LIMESTONE /	/ FRACTURED

7180633		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	2/6/2012	Elev	(masl)	Easting	441415	Northing	5025186	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	11.8900003433228	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
			/ Monitoring and Te Test Hole					Spec. Cap.	(LPM/m)	Hr / Min
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	861 CLYDE AVE			0.0				
		Town/City	Ottawa							
						0.3		BROWN	TOPSOIL /	/
						2.4		BROWN	SAND /	CLAY / STONES
						4.3		GREY	LIMESTONE /	/ FRACTURED
						5.5		BLACK	SHALE /	/ LAYERED
						7.6		GREY	LIMESTONE /	/ LAYERED
						11.3		BLACK	SHALE /	/ FRACTURED
						11.9		GREY	LIMESTONE /	/ LAYERED

7180634		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	2/25/2012	Elev	(masl)	Easting	441426	Northing	5025197	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	12.1800003051758	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
			/ Monitoring and Te Test Hole					Spec. Cap.	(LPM/m)	Hr / Min
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	861 CLYDE AVE			0.0				
		Town/City	Ottawa							
						0.6		BROWN	GRAVEL /	SAND / SOFT
						12.2		GREY	LIMESTONE /	/ FRACTURED

7180635		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	2/8/2012	Elev	(masl)	Easting	441439	Northing	5025098	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	11.8900003433228	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
			/ Monitoring and Te Test Hole					Spec. Cap.	(LPM/m)	Hr / Min
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Street	861 CLYDE AVE			0.0				
		Town/City	OTTAWA							
								GREY	LIMESTONE /	/ FRACTURED
								BLACK	SHALE /	/ LAYERED
								GREY	LIMESTONE /	/ FRACTURED
								GREY	LIMESTONE /	/ FRACTURED
								BLACK	SHALE /	/ LAYERED
						0.3		BROWN	TOPSOIL /	/
						2.4		BROWN	SILT /	SAND / CLAY

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				11.9					
7180636	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date 2/9/2012	Elev (masl)	Easting 441417	Northing 5025076	SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 12.5	UTM RC 4	margin of error : 30 m - 100 m	Pumping WL	(mbgs)	(masl)			
	/ Monitoring and Te Test Hole			Pump Rate	(LPM)	/			
	Water Found (mbgs)	(masl)	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min		
	Street 861 CLYDE AVE		0.0		Color	Soil Descriptions			
	Town/City Ottawa								
			0.3		BROWN	TOPSOIL /	/		
			2.4		BROWN	SAND /	SLATE /		
			4.0		GREY	/	/	FRACTURED	
			4.9		BLACK	/	/	LAYERED	
			7.9		GREY	/	/	LAYERED	
			10.4		BLACK	/	/	FRACTURED	
			12.5		GREY	/	/	LAYERED	

7180637	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date 2/9/2012	Elev (masl)	Easting 441425	Northing 5025194	SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 11.8900003433228	UTM RC 4	margin of error : 30 m - 100 m	Pumping WL	(mbgs)	(masl)			
	/ Monitoring and Te Test Hole			Pump Rate	(LPM)	/			
	Water Found (mbgs)	(masl)	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min		
	Street 861 CLYDE AVE		0.0		Color	Soil Descriptions			
	Town/City Ottawa								
			0.3		BROWN	TOPSOIL /	/		
			2.4		BROWN	SAND /	SILT /	SOFT	
			5.5		GREY	LIMESTONE /	/	FRACTURED	
			7.6		BLACK	SHALE /	/	LAYERED	
			11.3		GREY	LIMESTONE /	/	FRACTURED	
			11.9		BLACK	SHALE /	/	FRACTURED	

7180990	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date 1/5/2012	Elev (masl)	Easting 441573	Northing 5025539	SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 5.03000020980835	UTM RC 4	margin of error : 30 m - 100 m	Pumping WL	(mbgs)	(masl)			
	/ Test Hole Observation Wells			Pump Rate	(LPM)	/			
	Water Found (mbgs)	(masl)	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min		
	Street 1599 CARLING AVE		0.0		Color	Soil Descriptions			
	Town/City OTTAWA								
			0.2			GRAVEL /	FILL /	/	
			0.9		BROWN	SAND /	FILL /	/	
			1.4			/	/	CEMENTED	
			5.0			LIMESTONE /	ROCK /	/	

7183403	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date 2/7/2012	Elev (masl)	Easting 441382	Northing 5025209	SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 11.8900003433228	UTM RC 4	margin of error : 30 m - 100 m	Pumping WL	(mbgs)	(masl)			
	/ Monitoring and Te Test Hole			Pump Rate	(LPM)	/			
	Water Found (mbgs)	(masl)	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min		
	Street 861 CLYDE AVE		0.0		Color	Soil Descriptions			
	Town/City Ottawa								

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					0.3		BLACK	/	GRAVEL	/
					1.5		BROWN	SAND /	STONES	/ SOFT
					4.0		GREY	LIMESTONE /		/ FRACTURED
					4.9		BLACK	SHALE /		/ LAYERED
					7.9		GREY	LIMESTONE /		/ LAYERED
					11.0		BLACK	SHALE /	LAYERED	/
					11.9		GREY	LIMESTONE /	FRACTURED	/

7183405	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?				
Date 2/7/2012	Elev (masl)	Easting 441417	Northing 5025199			SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 11.8900003433228	UTM RC 4	margin of error : 30 m - 100 m			Pumping WL	(mbgs)	(masl)			
	/ Monitoring and Te Test Hole				Depth (m)	Elev (masl)	Pump Rate	(LPM)	/		
	Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min		
	Street 861 CLYDE AVE					Color			Soil Descriptions		
	Town/City Ottawa										
					0.3		BROWN	TOPSOIL /		/	
					2.4		BROWN	SILT /	STONES	/ CLAY	
					4.6		GREY	LIMESTONE /		/ FRACTURED	
					6.1		BLACK	SHALE /	LAYERED	/	
					7.3		GREY	LIMESTONE /		/ FRACTURED	
					10.7		BLACK	SHALE /		/ LAYERED	
					11.9		GREY	LIMESTONE /		/ FRACTURED	

7188765	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?				
Date 5/24/2012	Elev (masl)	Easting 441509	Northing 5025533			SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pumping WL	(mbgs)	(masl)			
	/				Depth (m)	Elev (masl)	Pump Rate	(LPM)	/		
	Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min		
	Street					Color			Soil Descriptions		
	Town/City										

7197302	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?				
Date 1/14/2013	Elev (masl)	Easting 441260	Northing 5025005			SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 7.6199988555908	UTM RC 4	margin of error : 30 m - 100 m			Pumping WL	(mbgs)	(masl)			
	/ Monitoring and Te Monitoring and Test Hole				Depth (m)	Elev (masl)	Pump Rate	(LPM)	/		
	Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min		
	Street 361 BOYD AVE.					Color			Soil Descriptions		
	Town/City Ottawa										
					0.9		BROWN	SAND /	GRAVEL	/ SOFT	
					7.6		GREY	LIMESTONE /		/ FRACTURED	

7197303	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?				
Date 1/14/2013	Elev (masl)	Easting 441253	Northing 5025001			SWL	(mbgs)	(masl)			
DDMMYY	Well_Depth_m: 10.0600004196167	UTM RC 4	margin of error : 30 m - 100 m			Pumping WL	(mbgs)	(masl)			
	/ Monitoring and Te Monitoring and Test Hole				Depth (m)	Elev (masl)	Pump Rate	(LPM)	/		
	Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min		
	Street 861 BOYD AVE.					Color			Soil Descriptions		
	Town/City Ottawa										
					1.5		BROWN	SAND /	GRAVEL	/ SOFT	

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7201038		Lot	Conc	10.1		GREY	LIMESTONE /	/ FRACTURED	
OTTAWA CITY / OTTAWA-CARLETON									
Date	4/4/2013	Elev	(masl)	Easting	441847	Northing	5025255	Flowing?	
DDMMYY		Well_Depth_m:	3.04800009727478	UTM RC	4	margin of error : 30 m - 100 m		SWL	(mbgs) (masl)
/ Monitoring and Te Monitoring and Test Hole									
Water Found						Depth (m)	Elev (masl)	Pumping WL	(mbgs) (masl)
Street	904 LADY ELLEN PLACE					0.0		Pump Rate	(LPM) /
Town/City	OTTAWA							Spec. Cap.	(LPM/m) Hr / Min
Soil Descriptions									
						1.5	BROWN	SAND /	GRAVEL / FILL
						2.7	BROWN	SAND /	GRAVEL / DENSE
						3.0	GREY	SAND /	SILT / DENSE

7204981		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?	
OTTAWA CITY / OTTAWA-CARLETON									
Date	5/10/2012	Elev	(masl)	Easting	441162	Northing	5025068	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
/									
Water Found						Depth (m)	Elev (masl)	Pump Rate	(LPM) /
Street						0.0		Spec. Cap.	(LPM/m) Hr / Min
Town/City									
Soil Descriptions									

7205398		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?	
OTTAWA CITY / OTTAWA-CARLETON									
Date	6/28/2013	Elev	(masl)	Easting	441520	Northing	5025537	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
/									
Water Found						Depth (m)	Elev (masl)	Pump Rate	(LPM) /
Street						0.0		Spec. Cap.	(LPM/m) Hr / Min
Town/City									
Soil Descriptions									

7206030		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?	
OTTAWA CITY / OTTAWA-CARLETON									
Date	12/10/2012	Elev	(masl)	Easting	441253	Northing	5025215	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
/									
Water Found						Depth (m)	Elev (masl)	Pump Rate	(LPM) /
Street						0.0		Spec. Cap.	(LPM/m) Hr / Min
Town/City									
Soil Descriptions									

7207538		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?	
OTTAWA CITY / OTTAWA-CARLETON									
Date	7/24/2013	Elev	(masl)	Easting	441517	Northing	5025562	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	4.88000011444092	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	(mbgs) (masl)
/ Monitoring and Te Monitoring and Test Hole									
Water Found						Depth (m)	Elev (masl)	Pump Rate	(LPM) /
Street	727 CHURCHILL AVE.					0.0		Spec. Cap.	(LPM/m) Hr / Min
Town/City	Ottawa								
Soil Descriptions									
						0.9	BROWN	SAND /	/
						1.5	WHITE	LIMESTONE /	/

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7207539		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	7/24/2013	Elev	(masl)	Easting	441515	Northing	5025562	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring and Te Monitoring and Test Hole		Depth (m)	Elev (masl)		Pump Rate	(LPM)	/	
		Water Found	(mbgs)	(masl)	0.0	Color		Spec. Cap.	(LPM/m)	Hr / Min
		Street	727 CHURCHILL AVE.				Soil Descriptions			
		Town/City	Ottawa							
				1.2	BROWN		SAND /	SOFT	/ DRY	
				1.8	WHITE		LIMESTONE /	HARD	/ WEATHERED	
				5.2	WHITE		LIMESTONE /		/	

7220405		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	4/8/2014	Elev	(masl)	Easting	441355	Northing	5025177	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring and Te Test Hole		Depth (m)	Elev (masl)		Pump Rate	(LPM)	/	
		Water Found	(mbgs)	(masl)	0.0	Color		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE				Soil Descriptions			
		Town/City	Ottawa							
				0.9	BROWN		FILL /		/	
				2.1	BROWN		SAND /	GRAVEL	/	
				3.7	GREY		LIMESTONE /		/	

7220406		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	4/8/2014	Elev	(masl)	Easting	441357	Northing	5025175	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring and Te Test Hole		Depth (m)	Elev (masl)		Pump Rate	(LPM)	/	
		Water Found	(mbgs)	(masl)	0.0	Color		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE				Soil Descriptions			
		Town/City	Ottawa							
				0.9	BROWN		FILL /		/	
				2.1	BROWN		SAND /	GRAVEL	/	
				3.7	GREY		LIMESTONE /		/	

7220407		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	4/11/2014	Elev	(masl)	Easting	441368	Northing	5025202	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	6.09999990463257	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Dewatering		Depth (m)	Elev (masl)		Pump Rate	(LPM)	/	
		Water Found	(mbgs)	(masl)	0.0	Color		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE				Soil Descriptions			
		Town/City	Ottawa							
				0.3	BLACK		/	GRAVEL	/ LOOSE	
				2.1	BLACK		SAND /	SILT	/ SOFT	
				6.1	GREY		LIMESTONE /		/ LAYERED	

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7220408		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date	4/10/2014	Elev	(masl)	Easting	441370	Northing	5025205	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.34999990463257	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
			/ Monitoring and Te Test Hole					Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE		0.0		Color		Soil Descriptions	
		Town/City	Ottawa							
					0.9		BROWN	SAND /	/	
					2.1		BROWN	SAND / CLAY	/	
					3.3		GREY	LIMESTONE /	/	

7220409		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/10/2014	Elev	(masl)	Easting	441413	Northing	5025100	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	6.09999990463257	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
			/					Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE		0.0		Color		Soil Descriptions	
		Town/City	Ottawa							
					0.3		BLACK	TOPSOIL /	/ SOFT	
					2.1		BLACK	SAND / SILT	/ SOFT	
					6.1		GREY	LIMESTONE /	/ LAYERED	

7220435		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/10/2014	Elev	(masl)	Easting	441368	Northing	5025203	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.34999990463257	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
			/ Test Hole					Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE		0.0		Color		Soil Descriptions	
		Town/City								
					0.9		BROWN	SAND /	/	
					2.1		BROWN	SAND / CLAY	/	
					3.3		GREY	LIMESTONE /	/	

7220436		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/10/2014	Elev	(masl)	Easting	441372	Northing	5025205	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.34999990463257	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
			/ Monitoring and Te Test Hole					Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE		0.0		Color		Soil Descriptions	
		Town/City	Ottawa							
					0.9		BROWN	SAND /	/	
					2.1		BROWN	SAND / CLAY	/	
					3.3		GREY	LIMESTONE /	/	

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7220437		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	4/10/2014	Elev	(masl)	Easting	441370	Northing	5025205	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	3.34999990463257	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL (mbgs) (masl)
								Pump Rate (LPM) /	
			/ Monitoring and Te Test Hole					Spec. Cap. (LPM/m) Hr / Min	
		Water Found	(mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				0.9		BROWN	SAND /	CLAY /	
				2.1		BROWN	SAND /	CLAY /	
				3.3		GREY	LIMESTONE /	CLAY /	

7220438		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	4/10/2014	Elev	(masl)	Easting	441373	Northing	5025200	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	3.34999990463257	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL (mbgs) (masl)
								Pump Rate (LPM) /	
			/ Monitoring and Te Test Hole					Spec. Cap. (LPM/m) Hr / Min	
		Water Found	(mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				0.9		BROWN	SAND /	CLAY /	
				2.1		BROWN	SAND /	CLAY /	
				3.3		GREY	LIMESTONE /	CLAY /	

7220439		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	4/9/2014	Elev	(masl)	Easting	441411	Northing	5025109	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL (mbgs) (masl)
								Pump Rate (LPM) /	
			/ Monitoring and Te Test Hole					Spec. Cap. (LPM/m) Hr / Min	
		Water Found	(mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				2.1		BROWN	SAND /	CLAY /	
				3.7		GREY	LIMESTONE /	CLAY /	

7220440		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	4/9/2014	Elev	(masl)	Easting	441414	Northing	5025108	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL (mbgs) (masl)
								Pump Rate (LPM) /	
			/ Monitoring and Te Test Hole					Spec. Cap. (LPM/m) Hr / Min	
		Water Found	(mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions		
		Street	861 CLYDE AVE	0.0					
		Town/City	Ottawa						
				2.1		BROWN	SAND /	CLAY /	
				3.7		GREY	LIMESTONE /	CLAY /	

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7220441		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/9/2014	Elev	(masl)	Easting	441418	Northing	5025104	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /	
								Spec. Cap.	(LPM/m) Hr / Min	
			/ Monitoring and Te Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	861 CLYDE AVE							
		Town/City	Ottawa							
						2.1	BROWN	SAND /	CLAY /	
						3.7	GREY	LIMESTONE /	/	

7220442		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/9/2014	Elev	(masl)	Easting	441412	Northing	5025102	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /	
								Spec. Cap.	(LPM/m) Hr / Min	
			/ Monitoring and Te Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	861 CLYDE AVE							
		Town/City	Ottawa							
						2.1	BROWN	SAND /	CLAY /	
						3.7	GREY	LIMESTONE /	/	

7220443		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/9/2014	Elev	(masl)	Easting	441411	Northing	5025102	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /	
								Spec. Cap.	(LPM/m) Hr / Min	
			/ Monitoring and Te Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	861 CLYDE AVE							
		Town/City	Ottawa							
						2.1	BROWN	SAND /	CLAY /	
						3.7	GREY	LIMESTONE /	/	

7220444		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/8/2014	Elev	(masl)	Easting	441358	Northing	5025185	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /	
								Spec. Cap.	(LPM/m) Hr / Min	
			/ Monitoring and Te Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	861 CLYDE AVE							
		Town/City	Ottawa							
						0.9	BROWN	FILL /	/	
						2.1	BROWN	SAND /	GRAVEL /	
						3.7	GREY	LIMESTONE /	/	

7220446		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	4/8/2013	Elev	(masl)	Easting	441354	Northing	5025176	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /	
								Spec. Cap.	(LPM/m) Hr / Min	
			/ Monitoring and Te Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	861 CLYDE AVE							
		Town/City	Ottawa							

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				0.9		BROWN	FILL /	/
				2.1		BROWN	SAND /	GRAVEL /
				3.7		GREY	LIMESTONE /	/

7223403	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	5/30/2012	Elev (masl)	Easting 441620	Northing 5024999		SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m: 7.8699988555908	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring	Observation Wells			Pump Rate	(LPM)	/
		Water Found 4.3 (mbgs)	(masl)	Untested	Depth (m)	Spec. Cap.	(LPM/m)	Hr / Min
		Street 1584 LAPERRIERE AVE.			Elev (masl)	Color	Soil Descriptions	
		Town/City OTTAWA			0.0			
					0.1	BLACK	/	/
					0.6	BROWN	SAND /	GRAVEL / FILL
					1.5	BROWN	SAND /	CLAY / LOOSE
					5.0	GREY	SAND /	GRAVEL / TILL
					7.9	GREY	LIMESTONE /	/ ROCK

7225494	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	6/24/2014	Elev (masl)	Easting 441549	Northing 5025555		SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m: 5.17999982833862	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring and Te	Monitoring and Test Hole			Pump Rate	(LPM)	/
		Water Found (mbgs)	(masl)		Depth (m)	Spec. Cap.	(LPM/m)	Hr / Min
		Street 1599 CARLING AVE.			0.0	Color	Soil Descriptions	
		Town/City Ottawa						
					0.3	GREY	GRAVEL /	/ LOOSE
					1.5	BROWN	SAND /	GRAVEL / LOOSE
					5.2	GREY	LIMESTONE /	/ LAYERED

7225495	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	5/24/2014	Elev (masl)	Easting 441576	Northing 5025547		SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m: 5.17999982833862	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring and Te	Monitoring and Test Hole			Pump Rate	(LPM)	/
		Water Found (mbgs)	(masl)		Depth (m)	Spec. Cap.	(LPM/m)	Hr / Min
		Street 1599 CARLING AVE.			0.0	Color	Soil Descriptions	
		Town/City Ottawa						
					0.3	GREY	GRAVEL /	/ LOOSE
					1.5	BROWN	SAND /	GRAVEL / LOOSE
					5.2	GREY	LIMESTONE /	/ LAYERED

7225496	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	6/24/2014	Elev (masl)	Easting 441556	Northing 5025536		SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m: 5.17999982833862	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/ Monitoring and Te	Monitoring and Test Hole			Pump Rate	(LPM)	/
		Water Found (mbgs)	(masl)		Depth (m)	Spec. Cap.	(LPM/m)	Hr / Min
		Street 1599 CARLING AVE.			0.0	Color	Soil Descriptions	
		Town/City Ottawa						
					0.3	GREY	GRAVEL /	/ LOOSE
					1.5	BROWN	SAND /	GRAVEL / LOOSE
					5.2	GREY	LIMESTONE /	/ LAYERED

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7225497		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	6/24/2014	Elev	(masl)	Easting	441526	Northing	5025541	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min

7225498		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	6/24/2014	Elev	(masl)	Easting	441547	Northing	5025529	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min

7225562		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	6/24/2014	Elev	(masl)	Easting	441564	Northing	5025557	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min

7225563		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	6/24/2014	Elev	(masl)	Easting	441554	Northing	5025542	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min

7225564		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	6/25/2014	Elev	(masl)	Easting	441536	Northing	5025543	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.7899996185303	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min

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				3.7	BROWN	SAND /	GRAVEL	/ LOOSE
				5.8	GREY	LIMESTONE /		/

7225565	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	6/23/2014	Elev	(masl)	Easting	441535	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	8.22000026702881	UTM RC	4	Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te Monitoring and Test Hole					
	Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Street	1599 CARLING AVE.		0.0				
	Town/City	Ottawa						
				0.3	GREY	GRAVEL /		/ LOOSE
				1.5	BROWN	SAND /	GRAVEL	/ LOOSE
				8.2	GREY	LIMESTONE /		/ LAYERED

7225566	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	6/23/2014	Elev	(masl)	Easting	441538	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	8.22000026702881	UTM RC	4	Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te Monitoring and Test Hole					
	Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Street	1599 CARLING AVE.		0.0				
	Town/City	Ottawa						
				0.3	GREY	GRAVEL /		/ LOOSE
				1.8	BROWN	SAND /	GRAVEL	/ LOOSE
				8.2	GREY	LIMESTONE /		/ LAYERED

7225567	Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	6/24/2014	Elev	(masl)	Easting	441537	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	3.96000003814697	UTM RC	4	Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te Monitoring and Test Hole					
	Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Street	1599 CARLING AVE.		0.0				
	Town/City	Ottawa						
				0.3	GREY	GRAVEL /		/ LOOSE
				3.1	BROWN	SAND /	GRAVEL	/ LOOSE
				4.0	GREY	GRAVEL /	SAND	/ DENSE

7225568	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	6/24/2014	Elev	(masl)	Easting	441569	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	4	Pumping WL	(mbgs)	(masl)
						Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	Hr / Min
			/ Monitoring and Te Monitoring and Test Hole					
	Water Found	(mbgs)	(masl)	Depth (m)	Elev (masl)	Color	Soil Descriptions	
	Street	1599 CARLING AVE.		0.0				
	Town/City	Ottawa						
				0.3	GREY	GRAVEL /		/ LOOSE
				1.5	BROWN	SAND /	GRAVEL	/ LOOSE
				5.2	GREY	LIMESTONE /		/ LAYERED

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7225573	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?				
Date	6/23/2014	Elev	(masl)	Easting	441555	Northing	5025536	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	8.22000026702881	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
						Pump Rate			(LPM) /	
						Spec. Cap.			(LPM/m) Hr / Min	
			/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	1599 CARLING AVE.							
		Town/City	Ottawa							
						0.3	GREY	GRAVEL /	/ LOOSE	
						1.5	BROWN	SAND /	GRAVEL / LOOSE	
						8.2	GREY	LIMESTONE /	/ LAYERED	

7225574	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?				
Date	6/20/2014	Elev	(masl)	Easting	441541	Northing	5025546	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
						Pump Rate			(LPM) /	
						Spec. Cap.			(LPM/m) Hr / Min	
			/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	1599 CARLING AVE.							
		Town/City	Ottawa							
						0.3	BROWN	TOPSOIL /	/ SOFT	
						1.8	BROWN	SAND /	GRAVEL / SOFT	
						5.2	GREY	LIMESTONE /	/ LAYERED	

7225575	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?				
Date	6/20/2014	Elev	(masl)	Easting	441568	Northing	5025569	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
						Pump Rate			(LPM) /	
						Spec. Cap.			(LPM/m) Hr / Min	
			/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	1599 CARLING AVE.							
		Town/City	Ottawa							
						0.6	GREY	GRAVEL /	/ LOOSE	
						1.5	BROWN	SAND /	GRAVEL / SOFT	
						3.7	GREY	GRAVEL /	SAND / SOFT	

7225576	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?				
Date	6/20/2014	Elev	(masl)	Easting	441558	Northing	5025568	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
						Pump Rate			(LPM) /	
						Spec. Cap.			(LPM/m) Hr / Min	
			/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs) (masl)			0.0				
		Street	1599 CARLING AVE.							
		Town/City	Ottawa							
						0.3	BROWN	TOPSOIL /	/ SOFT	
						1.8	BROWN	SAND /	GRAVEL / SOFT	
						5.2	GREY	LIMESTONE /	/ LAYERED	

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7225577	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date 6/20/2014	Elev (masl)	Easting 441548	Northing 5025555		SWL	(mbgs)	(masl)	
DDMMYY	Well_Depth_m: 5.17999982833862	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)	
					Pump Rate	(LPM)	/	
					Spec. Cap.	(LPM/m)	Hr / Min	
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)			
	Water Found	(mbgs)	(masl)	0.0	Color		Soil Descriptions	
	Street 1599 CARLING AVE.							
	Town/City Ottawa							
				0.3	GREY	GRAVEL /	/ LOOSE	
				1.5	BROWN	SAND /	GRAVEL / SOFT	
				5.2	GREY	LIMESTONE /	/ SOFT	

7225578	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date 6/24/2014	Elev (masl)	Easting 441541	Northing 5025546		SWL	(mbgs)	(masl)	
DDMMYY	Well_Depth_m: 5.17999982833862	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)	
					Pump Rate	(LPM)	/	
					Spec. Cap.	(LPM/m)	Hr / Min	
	/ Monitoring and Te Monitoring and Test Hole			Depth (m)	Elev (masl)			
	Water Found	(mbgs)	(masl)	0.0	Color		Soil Descriptions	
	Street 1599 CARLING AVE.							
	Town/City Ottawa							
				0.3	GREY	GRAVEL /	/ LOOSE	
				1.5	BROWN	SAND /	GRAVEL / LOOSE	
				5.2	GREY	LIMESTONE /	/ LAYERED	

7233791	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date 10/28/2014	Elev (masl)	Easting 441577	Northing 5025558		SWL	(mbgs)	(masl)	
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)	
					Pump Rate	(LPM)	/	
					Spec. Cap.	(LPM/m)	Hr / Min	
	/ Abandoned-Other			Depth (m)	Elev (masl)			
	Water Found	(mbgs)	(masl)	0.0	Color		Soil Descriptions	
	Street 1599 CORLINS AVE							
	Town/City Ottawa							
							/	

7233792	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date 10/28/2014	Elev (masl)	Easting 441556	Northing 5025557		SWL	(mbgs)	(masl)	
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)	
					Pump Rate	(LPM)	/	
					Spec. Cap.	(LPM/m)	Hr / Min	
	/ Other Abandoned-Other			Depth (m)	Elev (masl)			
	Water Found	(mbgs)	(masl)	0.0	Color		Soil Descriptions	
	Street 1599 CORLING AVE							
	Town/City Ottawa							
							/	

7233793	Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date 10/28/2014	Elev (masl)	Easting 441549	Northing 5025553		SWL	(mbgs)	(masl)	
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)	
					Pump Rate	(LPM)	/	
					Spec. Cap.	(LPM/m)	Hr / Min	
	/ Other Abandoned-Other			Depth (m)	Elev (masl)			
	Water Found	(mbgs)	(masl)	0.0	Color		Soil Descriptions	
	Street 1599 CARLING AVE							
	Town/City Ottawa							
							/	

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7233794		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441568	Northing	5025551	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7233795		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441538	Northing	5025548	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/ Other		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7233796		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441576	Northing	5025561	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/ Other		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7233797		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441534	Northing	5025535	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/ Other		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7233798		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441535	Northing	5025530	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/ Other		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7233799		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441536	Northing	5025525	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
			/ Monitoring and Te Abandoned-Other					Spec. Cap.	(LPM/m) Hr / Min
		Water Found	(mbgs) (masl)	Depth (m)	0.0	Elev (masl)		Color	Soil Descriptions
		Street	1599 CARLING AVE						
		Town/City	Ottawa						

7233800		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441539	Northing	5025525	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs) (masl)
			/ Monitoring and Te Abandoned-Other					Pump Rate	(LPM) /
		Water Found	(mbgs) (masl)	Depth (m)	0.0	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min
		Street	1599 CARLING AVE					Color	Soil Descriptions
		Town/City	Ottawa						

7233801		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	10/25/2014	Elev	(masl)	Easting	441525	Northing	5025540	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs) (masl)
			/ Other Abandoned-Other					Pump Rate	(LPM) /
		Water Found	(mbgs) (masl)	Depth (m)	0.0	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min
		Street	1599 CARLING AVE					Color	Soil Descriptions
		Town/City	Ottawa						

7233802		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441577	Northing	5025558	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs) (masl)
			/ Abandoned-Other					Pump Rate	(LPM) /
		Water Found	(mbgs) (masl)	Depth (m)	0.0	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min
		Street	1599 CARLING AVE					Color	Soil Descriptions
		Town/City	Ottawa						

7233889		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	10/28/2014	Elev	(masl)	Easting	441527	Northing	5025544	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	1.53314411640167	UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs) (masl)
			/ Monitoring and Te Monitoring and Test Hole					Pump Rate	(LPM) /
		Water Found	(mbgs) (masl)	Depth (m)	0.0	Elev (masl)		Spec. Cap.	(LPM/m) Hr / Min
		Street	1599 CARLING AVE					Color	Soil Descriptions
		Town/City	Ottawa						
				0.1		GREY	GRAVEL /		/ LOOSE
				0.6		BROWN	CLAY /	SAND	/ GRAVEL
				1.5		GREY	LIMESTONE /		/ LAYERED

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7235388		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	11/25/2014	Elev	(masl)	Easting	441385	Northing	5025167	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/						Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	0.0	Elev (masl)	(LPM/m)	Hr / Min
		Street						Color		Soil Descriptions
		Town/City								/

7239603		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441572	Northing	5025537	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other				Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	0.0	Elev (masl)	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE					Color		Soil Descriptions
		Town/City	Ottawa							/

7239604		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/18/2015	Elev	(masl)	Easting	441575	Northing	5025542	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other				Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	0.0	Elev (masl)	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE					Color		Soil Descriptions
		Town/City	Ottawa							/

7239605		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441575	Northing	5025542	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other				Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	0.0	Elev (masl)	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE					Color		Soil Descriptions
		Town/City	Ottawa							/

7239606		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/13/2015	Elev	(masl)	Easting	441577	Northing	5025543	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other				Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	0.0	Elev (masl)	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE					Color		Soil Descriptions
		Town/City	Ottawa							/

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7239607		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441576	Northing	5025543	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE				Color		Soil Descriptions	
		Town/City	Ottawa						/	/

7239608		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/13/2015	Elev	(masl)	Easting	441512	Northing	5025564	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE				Color		Soil Descriptions	
		Town/City	OTTAWA						/	/

7239609		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/13/2015	Elev	(masl)	Easting	441547	Northing	5025556	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE				Color		Soil Descriptions	
		Town/City	Ottawa						/	/

7239610		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441517	Northing	5025551	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE				Color		Soil Descriptions	
		Town/City	Ottawa						/	/

7239611		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/13/2015	Elev	(masl)	Easting	441575	Northing	5025529	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE				Color		Soil Descriptions	
		Town/City	Ottawa						/	/

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7239628		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441572	Northing	5025537	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7239653		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441522	Northing	5025544	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7239654		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441522	Northing	5025533	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7239655		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/13/2015	Elev	(masl)	Easting	441581	Northing	5025531	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

7239656		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441524	Northing	5025533	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa							

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Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7239657		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441532	Northing	5025533	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/

7239658		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441536	Northing	5025527	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/

7239794		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441533	Northing	5025530	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLINS AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/

7239795		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441573	Northing	5025534	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/

7239796		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441571	Northing	5025543	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			0.0		Color		Soil Descriptions
		Town/City	Ottawa							/

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7239797		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441572	Northing	5025537	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa					/ /		

7239798		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441572	Northing	5025537	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE			Color		Soil Descriptions		
		Town/City	Ottawa					/ /		

7240874		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	3/12/2015	Elev	(masl)	Easting	441366	Northing	5025144	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		/				Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street				Color		Soil Descriptions		
		Town/City						/ /		

7243546		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/20/2015	Elev	(masl)	Easting	441557	Northing	5025555	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.4899977111816	UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole		Test Hole		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.			Color		Soil Descriptions		
		Town/City	OTTAWA					/ /		
						0.3	GREY	GRAVEL /	LOOSE	/
						1.8	BROWN	SAND /	GRAVEL	/ SOFT
						5.5	GREY	SHALE /	LIMESTONE	/ LAYERED

7243547		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/28/2015	Elev	(masl)	Easting	441551	Northing	5025534	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.4899977111816	UTM RC	4	margin of error :	30 m - 100 m	Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole		Test Hole		Depth (m)		Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.			Color		Soil Descriptions		
		Town/City	OTTAWA					/ /		
						0.3	GREY	GRAVEL /	LOOSE	/
						1.8	BROWN	SAND /	GRAVEL	/ SOFT
						5.5	GREY	SHALE /	LIMESTONE	/ LAYERED

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7243548		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/28/2015	Elev	(masl)	Easting	441535	Northing	5025547	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	3.66000008583069	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						1.8		BROWN	SAND /	GRAVEL / SOFT
						3.7		GREY	GRAVEL /	LOOSE /

7243549		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/27/2015	Elev	(masl)	Easting	441559	Northing	5025565	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						2.7		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

7243550		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/27/2015	Elev	(masl)	Easting	441573	Northing	5025558	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Test Hole / Monitoring	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						3.1		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

7243551		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/27/2015	Elev	(masl)	Easting	441576	Northing	5025550	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						3.1		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7243553		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/25/2015	Elev	(masl)	Easting	441531	Northing	5025547	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						2.1		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

7243554		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/25/2015	Elev	(masl)	Easting	441546	Northing	5025557	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Observation Wells			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						2.1		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

7243555		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/26/2015	Elev	(masl)	Easting	441534	Northing	5025525	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						2.1		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

7243556		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	5/26/2015	Elev	(masl)	Easting	441548	Northing	5025553	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE					Color		Soil Descriptions
		Town/City	OTTAWA							
						0.3		GREY	GRAVEL /	LOOSE /
						2.7		BROWN	SAND /	GRAVEL / SOFT
						14.0		GREY	SHALE /	LIMESTONE / LAYERED

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7243557		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	5/29/2015	Elev	(masl)	Easting	441551	Northing	5025539	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:	14.0200004577637	UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
		Monitoring / Test Hole	Test Hole			Depth (m)	Elev (masl)	Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)			0.0		Spec. Cap.	(LPM/m) Hr / Min	
		Street	1599 CARLING AVE.				Color		Soil Descriptions	
		Town/City	OTTAWA							
						0.3	GREY	GRAVEL /	LOOSE /	
						2.7	BROWN	SAND /	GRAVEL / SOFT	
						14.0	GREY	SHALE /	LIMESTONE / LAYERED	

7245027		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	6/8/2015	Elev	(masl)	Easting	441373	Northing	5025174	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
		Monitoring / Test Hole	Abandoned-Other			Depth (m)	Elev (masl)	Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)			0.0		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE				Color		Soil Descriptions	
		Town/City	Ottawa							
									/ /	

7245028		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	6/8/2015	Elev	(masl)	Easting	441373	Northing	5025174	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
		Monitoring / Test Hole	Abandoned-Other			Depth (m)	Elev (masl)	Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)			0.0		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE				Color		Soil Descriptions	
		Town/City	Ottawa							
									/ /	

7245029		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?			
Date	6/8/2015	Elev	(masl)	Easting	441391	Northing	5025158	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
		Monitoring / Test Hole	Abandoned-Other			Depth (m)	Elev (masl)	Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)			0.0		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE				Color		Soil Descriptions	
		Town/City	Ottawa							
									/ /	

7246035		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?			
Date	6/26/2015	Elev	(masl)	Easting	441393	Northing	5025168	SWL	(mbgs) (masl)	
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m			Pumping WL	(mbgs) (masl)
		Monitoring / Test Hole	Abandoned-Other			Depth (m)	Elev (masl)	Pump Rate	(LPM) /	
		Water Found	(mbgs) (masl)			0.0		Spec. Cap.	(LPM/m) Hr / Min	
		Street	861 CLYDE AVE.				Color		Soil Descriptions	
		Town/City	OTTAWA							
									/ /	

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7246036		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	6/26/2015	Elev	(masl)	Easting	441396	Northing	5025153	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE.				Color		Soil Descriptions	
		Town/City	OTTAWA						/	/

7246037		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	6/26/2015	Elev	(masl)	Easting	441387	Northing	5025148	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AVE				Color		Soil Descriptions	
		Town/City	OTTAWA						/	/

7249315		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	3/13/2015	Elev	(masl)	Easting	441521	Northing	5025530	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		/		Abandoned-Other		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	1599 CARLING AVE.				Color		Soil Descriptions	
		Town/City	Ottawa						/	/

7256626		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	10/7/2015	Elev	(masl)	Easting	441436	Northing	5025109	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	5.63880014419556	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Not Used / Other		Test Hole		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AV				Color		Soil Descriptions	
		Town/City	Ottawa						/	/
						0.3	GREY	/	GRAVEL	/ HARD
						1.2	GREY	SILT /	CLAY	/ MEDIUM SAND
						3.7	GREY	SILT /	CLAY	/ MEDIUM SAND
						5.6	GREY	LIMESTONE /		/ HARD

7256627		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	10/7/2015	Elev	(masl)	Easting	441437	Northing	5025118	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	2.43840003013611	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
		Test Hole / Other		Other Status		Depth (m)	Elev (masl)	Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		0.0		Spec. Cap.	(LPM/m)	Hr / Min
		Street	861 CLYDE AV				Color		Soil Descriptions	
		Town/City	Ottawa						/	/
						0.3	GREY	/	GRAVEL	/ HARD
						1.2	GREY	SILT /	CLAY	/ MEDIUM SAND

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7260240		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON		Flowing?			
Date	2/23/2016	Elev	(masl)	Easting	441438	SWL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	5.17999982833862	UTM RC	4	Pumping WL	(mbgs)	(masl)	
						Pump Rate	(LPM)	/	
						Spec. Cap.	(LPM/m)	Hr / Min	
		Monitoring / Test Hole		Observation Wells		Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs)	(masl)		0.0			
		Street	861 CLYDE AVE						
		Town/City	OTTAWA						
						1.2	BROWN	SAND / GRAVEL	/ SOFT
						2.7	BROWN	SAND /	/ SOFT
						5.2	GREY	LIMESTONE /	/

7260241		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON		Flowing?			
Date	2/23/2016	Elev	(masl)	Easting	441440	SWL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	4.86999988555908	UTM RC	4	Pumping WL	(mbgs)	(masl)	
						Pump Rate	(LPM)	/	
						Spec. Cap.	(LPM/m)	Hr / Min	
		Monitoring / Municipal		Observation Wells		Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs)	(masl)		0.0			
		Street	861 CLYDE AVE						
		Town/City	OTTAWA						
						1.2	BROWN	SAND / GRAVEL	/ SOFT
						2.7	BROWN	SAND /	/ SOFT
						4.9	GREY	LIMESTONE / SHALE	/

7263433		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON		Flowing?			
Date	3/23/2016	Elev	(masl)	Easting	441674	SWL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	/	UTM RC	4	Pumping WL	(mbgs)	(masl)	
						Pump Rate	(LPM)	/	
						Spec. Cap.	(LPM/m)	Hr / Min	
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions
		Street				0.0			
		Town/City							

7267056		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON		Flowing?			
Date	8/20/2015	Elev	(masl)	Easting	441394	SWL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	/	UTM RC	4	Pumping WL	(mbgs)	(masl)	
						Pump Rate	(LPM)	/	
						Spec. Cap.	(LPM/m)	Hr / Min	
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions
		Street				0.0			
		Town/City							

7267058		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON		Flowing?			
Date	10/27/2015	Elev	(masl)	Easting	441397	SWL	(mbgs)	(masl)	
DDMMYY		Well_Depth_m:	/	UTM RC	4	Pumping WL	(mbgs)	(masl)	
						Pump Rate	(LPM)	/	
						Spec. Cap.	(LPM/m)	Hr / Min	
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Color	Soil Descriptions
		Street				0.0			
		Town/City							

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7269071		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441552	Northing	5025566	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/		Abandoned-Other			Pump Rate	(LPM)	/
		Water Found	(mbgs)		(masl)	Depth (m)	0.0	Elev (masl)		
		Street	1575 CARLINS AVE.					Color		Soil Descriptions
		Town/City	Ottawa							

7269072		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441556	Northing	5025569	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/		Abandoned-Other			Pump Rate	(LPM)	/
		Water Found	(mbgs)		(masl)	Depth (m)	0.0	Elev (masl)		
		Street	1575 CARLING AVE.					Color		Soil Descriptions
		Town/City	Ottawa							

7269073		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441524	Northing	5025553	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/		Abandoned-Other			Pump Rate	(LPM)	/
		Water Found	(mbgs)		(masl)	Depth (m)	0.0	Elev (masl)		
		Street	1575 CARLING AVENUE					Color		Soil Descriptions
		Town/City	Ottawa							

7269074		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441521	Northing	5025572	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/		Abandoned-Other			Pump Rate	(LPM)	/
		Water Found	(mbgs)		(masl)	Depth (m)	0.0	Elev (masl)		
		Street	1575 CARLING AVENUE					Color		Soil Descriptions
		Town/City	Ottawa							

7269075		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441535	Northing	5025554	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/		Abandoned-Other			Pump Rate	(LPM)	/
		Water Found	(mbgs)		(masl)	Depth (m)	0.0	Elev (masl)		
		Street	1575 CARLING AVENUE					Color		Soil Descriptions
		Town/City	Ottawa							

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7269076		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441520	Northing	5025550	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	6.09999990463257	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole	Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	/ HARD
						1.5		BROWN	FILL /	SAND / GRAVEL
						6.1		GREY	LIMESTONE /	/ HARD

7269077		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/4/2016	Elev	(masl)	Easting	441521	Northing	5025550	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	6.09999990463257	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole	Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	/ HARD
						1.5		BROWN	FILL /	SAND / GRAVEL
						6.1		GREY	LIMESTONE /	/ HARD

7269113		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/5/2016	Elev	(masl)	Easting	441532	Northing	5025553	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.1700000762939	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole	Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	SAND /	/ HARD
						1.8		BROWN	SAND /	GRAVEL / SOFT
						14.2		GREY	LIMESTONE /	/ HARD

7269114		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/5/2016	Elev	(masl)	Easting	441524	Northing	5025550	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	14.0900001525879	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole	Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	SAND /	/ HARD
						1.5		BROWN	SAND /	GRAVEL / SOFT
						14.1		GREY	LIMESTONE /	/ HARD

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7269115		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/6/2016	Elev	(masl)	Easting	441550	Northing	5025563	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	20.7999992370605	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole		Monitoring and Test Hole		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	/ HARD
						1.2		BROWN	SAND /	GRAVEL / HARD
						20.8		GREY	LIMESTONE /	/ HARD

7269116		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/7/2016	Elev	(masl)	Easting	441520	Northing	5025556	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	15.2399997711182	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole		Monitoring and Test Hole		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	/ LOOSE
						1.5		BROWN	SAND /	GRAVEL / SOFT
						15.2		GREY	ROCK /	LIMESTONE / HARD

7269117		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/8/2016	Elev	(masl)	Easting	441561	Northing	5025573	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	7.61999988555908	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole		Monitoring and Test Hole		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	/ DENSE
						1.5		BROWN	SAND /	GRAVEL / GRAVEL
						7.6		GREY	LIMESTONE /	/ LAYERED

7269118		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON				Flowing?		
Date	7/6/2016	Elev	(masl)	Easting	441553	Northing	5025560	SWL	(mbgs)	(masl)
DDMMYY		Well_Depth_m:	13.8599996566772	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
								Pump Rate	(LPM)	/
								Spec. Cap.	(LPM/m)	Hr / Min
		Monitoring / Test Hole		Monitoring and Test Hole		Depth (m)	Elev (masl)	Color	Soil Descriptions	
		Water Found	(mbgs)	(masl)		0.0				
		Street	1575 CARLING AVENUE							
		Town/City	Ottawa							
						0.3		BLACK	GRAVEL /	/ HARD
						2.1		BROWN	SAND /	GRAVEL / SOFT
						13.9		GREY	LIMESTONE /	/ HARD

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7269119		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	7/7/2016	Elev	(masl)	Easting	441538	Northing	5025562	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	14.0200004577637	UTM RC	5	margin of error : 100 m - 300 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		Monitoring / Test Hole	Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	1575 CARLING						
		Town/City	OTTAWA						
						0.3		BLACK	GRAVEL / / HARD
						1.5		BROWN	SAND / GRAVEL / SOFT
						14.0		GREY	LIMESTONE / / HARD

7269120		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	7/8/2016	Elev	(masl)	Easting	441538	Northing	5025555	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:	14.0299997329712	UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		Monitoring / Test Hole	Monitoring and Test Hole			Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	1575 CARLING AVENUE						
		Town/City	Ottawa						
						0.3		BLACK	GRAVEL / / DENSE
						2.1		BROWN	SAND / GRAVEL / SOFT
						14.0		GREY	LIMESTONE / / LAYERED

7270130		Lot	Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON			Flowing?		
Date	12/23/2015	Elev	(masl)	Easting	441159	Northing	5025077	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		Monitoring / Test Hole	Abandoned-Other			Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street	842 BOYD AVENUE						
		Town/City	Ottawa						

7271919		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	8/10/2016	Elev	(masl)	Easting	441388	Northing	5025142	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		Monitoring / Test Hole				Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street							
		Town/City							

7271920		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON			Flowing?		
Date	8/10/2016	Elev	(masl)	Easting	441400	Northing	5025186	SWL	(mbgs) (masl)
DDMMYY		Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs) (masl)
								Pump Rate	(LPM) /
								Spec. Cap.	(LPM/m) Hr / Min
		Monitoring / Test Hole				Depth (m)	Elev (masl)	Color	Soil Descriptions
		Water Found	(mbgs) (masl)			0.0			
		Street							
		Town/City							

Well Record #

Based on Ministry of Environment Water Well Information Database December 31, 2016, available online.

7271921		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/11/2016	Elev	(masl)	Easting	441434	Northing	5025110	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street				0.0		Color		Soil Descriptions
		Town/City								/

7271922		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/11/2016	Elev	(masl)	Easting	441435	Northing	5025115	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street				0.0		Color		Soil Descriptions
		Town/City								/

7271923		Lot	Conc	OTTAWA CITY / OTTAWA-CARLETON				Flowing?		
Date	8/10/2016	Elev	(masl)	Easting	441438	Northing	5025120	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:		UTM RC	4	margin of error : 30 m - 100 m		Pumping WL	(mbgs)	(masl)
			/					Pump Rate	(LPM)	/
		Water Found	(mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Street				0.0		Color		Soil Descriptions
		Town/City								/

EXP Services Inc.

1650-1660 Carling Avenue, Ottawa, Ontario
Preliminary Hydrogeological Investigation
OTT-22015769-A0
December 13, 2022

Appendix B – Borehole Logs

LIGHT COMMERCIAL

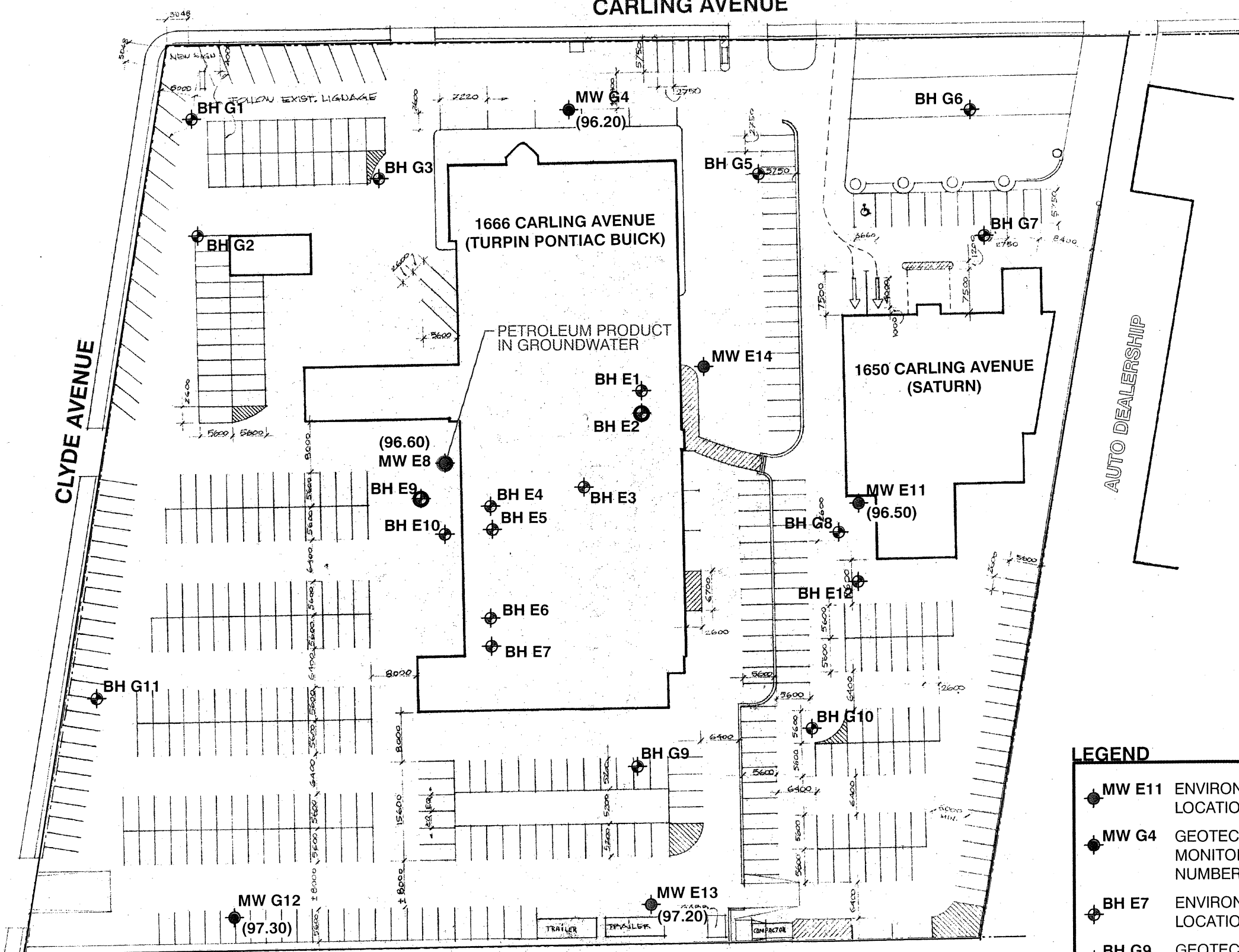
CARLING AVENUE

COMMERCIAL

CLYDE AVENUE

AUTO DEALERSHIP

NEILSON DAIRY PLANT



LEGEND

- MW E11 ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER
- MW G4 GEOTECHNICAL/ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER
- ⊕ BH E7 ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER
- ⊕ BH G9 GEOTECHNICAL/ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER
- (96.50) BEDROCK GROUNDWATER ELEVATION
- FRACTION 3 PHC SOIL EXCEEDENCE

Trow Associates Inc. 154 Colonnade Road South, Ottawa, Ontario K2E 7J5
 Tel: (613) 225-9940 Fax: (613) 225-7337

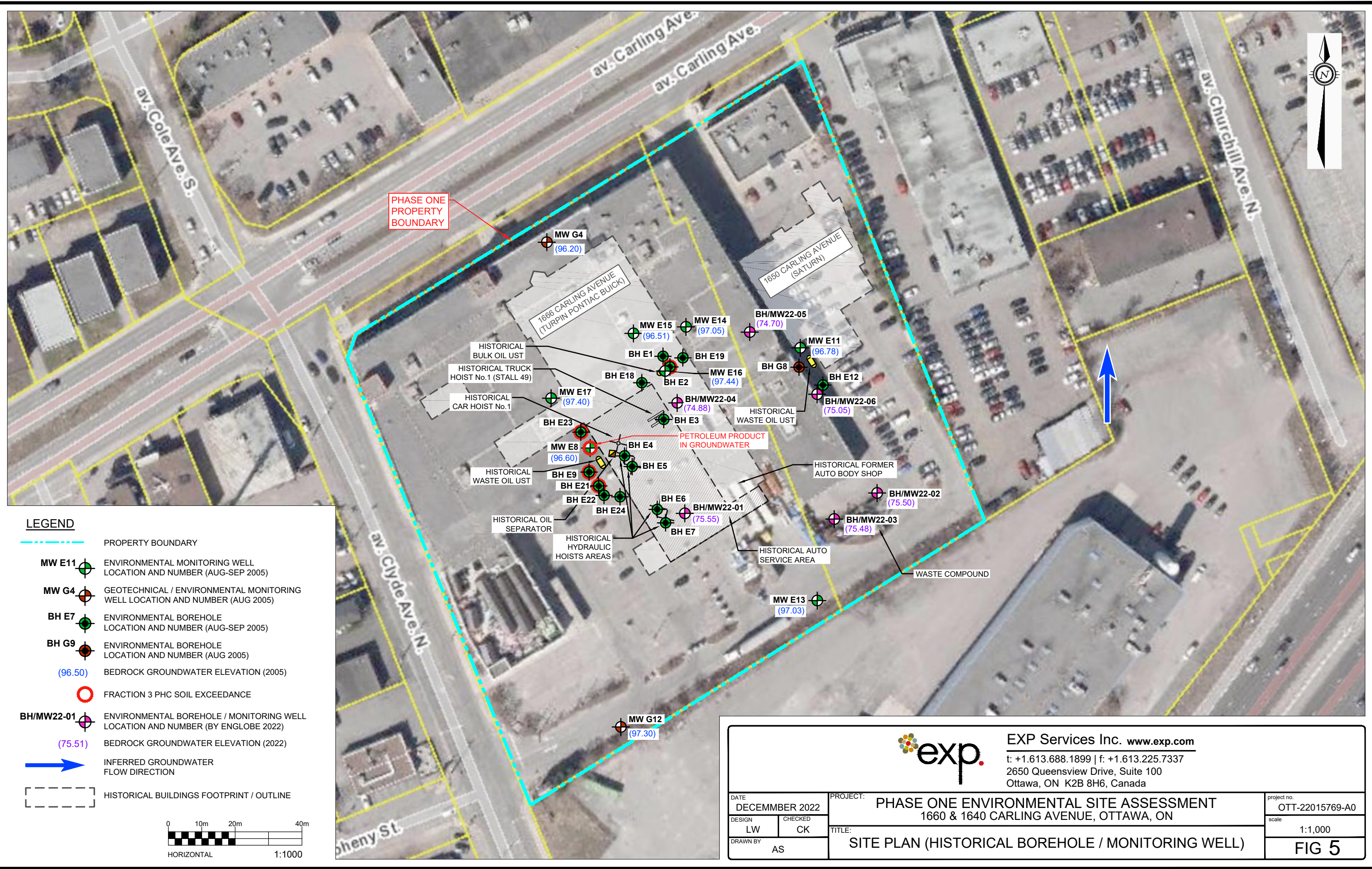
TURPIN GROUP INC.

BOREHOLE & MONITORING WELL LOCATION PLAN

DATE	SEPT 2005
SCALE	1:750
DESIGN	LC
CHECKED	LC
DRAWN	RG
JOB N°	OTEN00018095B

FIG 3

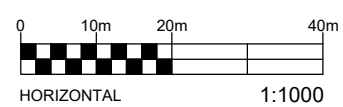
Source: Turpin Group inc.



PHASE ONE
PROPERTY
BOUNDARY

PETROLEUM PRODUCT
IN GROUNDWATER

- LEGEND**
- - - - PROPERTY BOUNDARY
 - ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG-SEP 2005)
 - GEOTECHNICAL / ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG 2005)
 - ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG-SEP 2005)
 - ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG 2005)
 - (96.50) BEDROCK GROUNDWATER ELEVATION (2005)
 - FRACTION 3 PHC SOIL EXCEEDANCE
 - ENVIRONMENTAL BOREHOLE / MONITORING WELL LOCATION AND NUMBER (BY ENGLOBE 2022)
 - (75.51) BEDROCK GROUNDWATER ELEVATION (2022)
 - ➔ INFERRED GROUNDWATER FLOW DIRECTION
 - HISTORICAL BUILDINGS FOOTPRINT / OUTLINE



		EXP Services Inc. www.exp.com t: +1.613.688.1899 f: +1.613.225.7337 2650 Queensview Drive, Suite 100 Ottawa, ON K2B 8H6, Canada	
DATE	DECEMBER 2022	PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1660 & 1640 CARLING AVENUE, OTTAWA, ON
DESIGN	LW	CHECKED	CK
DRAWN BY	AS		TITLE:
			SITE PLAN (HISTORICAL BOREHOLE / MONITORING WELL)
			project no. OTT-22015769-A0
			scale 1:1,000
			FIG 5

Filename: E:\OTT-22015769-A0_60_Execution\65 Drawings\22015769-A0_Ph-1.dwg
 Last Saved: Dec 9, 2022 4:26 PM
 Last Plotted: Dec 9, 2022 4:27 PM
 Plotted by: Severa

Borehole Log E1



Project No. OTEN00018095B

Figure No. 2

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23rd, 2005

- | | | | |
|-----------------------------|-------------------------------------|---|-------------------------------------|
| Split Spoon Sample | <input checked="" type="checkbox"/> | Combustible Vapour Reading | <input type="checkbox"/> |
| Auger Sample | <input type="checkbox"/> | Natural Moisture Content | <input checked="" type="checkbox"/> |
| SPT (N) Value | <input type="checkbox"/> | Atterberg Limits | <input type="checkbox"/> |
| Dynamic Cone Test | <input type="checkbox"/> | Undrained Triaxial at % Strain at Failure | <input type="checkbox"/> |
| Shelby Tube | <input type="checkbox"/> | Shear Strength by Penetrometer Test | <input type="checkbox"/> |
| Shear Strength by Vane Test | <input type="checkbox"/> | | |

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

G W L	S Y M B O L	SOIL DESCRIPTION	Geodetic Elevation m	H I T T I N G	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S A M P L E S	Natural Unit Weight kN/m ³
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					20	40	60	80	250	500	750		
		CONCRETE~150 mm	100.9	0									
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.8										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	99.9	1									
		TILL Silty sand, some gravel, grey, moist.	99.4										
		Auger refusal @ 2.3 m depth	98.6	2									

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.3

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E2



Project No. OTEN00018095B

Figure No. 3

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23rd, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	LOGS	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
					20	40	60	80	250	500	750		
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		CONCRETE ~150 mm	100.9	0									
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.8										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	100.1	1									
		TILL Silty sand, some gravel, grey, moist.	98.9	2									
		Auger refusal @ 2.5 m depth	98.4										

LOG OF BOREHOLE OTEN00018095B-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.5

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E3



Project No. OTEN00018095B

Figure No. 4

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23rd, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test _____

Undrained Triaxial at % Strain at Failure

Shelby Tube _____

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLING	Natural Unit Weight kN/m ³
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					20	40	60	80	250	500	750		
		CONCRETE ~180 mm	100.8	0									
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.6										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	100.0	1									
		TILL Silty sand, some gravel, grey, moist.	99.4										
		Auger refusal @ 2.3 m depth	98.5	2									

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.3

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E4



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 5

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
					Shear Strength kPa				250	500	750		
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
50	100	150	200	10	20	30							
		CONCRETE -130 mm	100.8	0									
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.7										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	100.0	1									
		TILL Silty sand, some gravel, grey, moist.	99.4										
		Auger refusal @ 2.1 m depth	98.7	2									

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ_TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.1

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E5



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 6

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
				Shear Strength kPa				250	500	750		
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
50	100	150	200	10	20	30						
	CONCRETE ~150 mm	100.8	0									
	FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.7	0									
	TILL Silty sand, some gravel, grey, moist.	99.4	1									
	Auger refusal @ 2.2 m depth	98.6	2									

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.2

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E6



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 7

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
					Shear Strength kPa				250	500	750		
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		CONCRETE ~150 mm	100.8	0									
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.7										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	100.0	1									
		TILL Silty sand, some gravel, grey, moist.	99.4										
		Auger refusal @ 2.6 m depth	98.2	2									

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.6

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E7



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 8

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

G W L	SOIL DESCRIPTION	Geodetic Elevation m	D E P T H m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S A M P L E S	Natural Unit Weight kN/m ³
				Shear Strength kPa				250	500	750		
				20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
50	100	150	200	10	20	30						
	CONCRETE ~180 mm	100.8	0									
	FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.6	0									
	SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	100.0	1									
	TILL Silty sand, some gravel, grey, moist.	99.4	1									
	Auger refusal @ 2.3 m depth	98.5	2									

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.3

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E8



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 9

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight (kN/m ³)	
					Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)					
					20	40	60	80	250	500	750			
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.8	0										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact).	100.0	1										
		TILL Silty sand, some gravel, grey, moist, (dense to very dense).	99.1	2										
		LIMESTONE BEDROCK Grey, excellent quality.	97.7	3										
			96.6	4										
			94.6	6										
		Borehole terminated @ 6.2 m depth												

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.1
6 Days	4.2	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %
1	3.1 - 4.6	100	93
2	4.6 - 6.2	100	97

Borehole Log E10



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 11

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- | | | | |
|-----------------------------|-------------------------------------|---|-------------------------------------|
| Split Spoon Sample | <input checked="" type="checkbox"/> | Combustible Vapour Reading | <input type="checkbox"/> |
| Auger Sample | <input type="checkbox"/> | Natural Moisture Content | <input checked="" type="checkbox"/> |
| SPT (N) Value | <input type="checkbox"/> | Atterberg Limits | <input type="checkbox"/> |
| Dynamic Cone Test | <input type="checkbox"/> | Undrained Triaxial at % Strain at Failure | <input type="checkbox"/> |
| Shelby Tube | <input type="checkbox"/> | Shear Strength by Penetrometer Test | <input type="checkbox"/> |
| Shear Strength by Vane Test | <input type="checkbox"/> | | |

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
					Shear Strength kPa				Natural Moisture Content %				
					20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE-50 mm	100.7	0									
		FILL	100.7	0									
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	99.9	0									
		SILTY SAND	99.9	0									
		Possible fill, fine to medium grained, yellow/brown, moist, (loose).	99.2	1									
		TILL	99.2	1									
		Silty sand, some gravel, grey, moist, (very dense).	98.6	2									
		Auger refusal @ 2.1 m depth											

LOG OF BOREHOLE OTG00018095A- BOREHOLE LOGS.GPJ, TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.1

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E11



Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 12

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight (kN/m ³)
					Shear Strength (kPa)				250	500	750		
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		ASPHALTIC CONCRETE 50 mm	99.9	0									
		ROADWAY GRANULARS 230 mm	99.9										
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist (compact).	99.6										
		TILL Silty sand, some gravel, grey, moist, (compact).	98.4	1									
		TILL Silty sand, some gravel, grey, moist, (compact).	96.7	2									
		LIMESTONE BEDROCK Grey, excellent quality.	96.5	3									
			93.2	6									
		Borehole terminated @ 6.7 m depth											

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.6
6 Days	3.2	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %
1	3.6 - 4.8	99	99
2	4.8 - 6.2	92	92
3	6.2 - 6.7	100	100

Borehole Log E12



Project No. OTEN00018095B

Figure No. 13

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

L W G	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S A M P L E S	Natural Unit Weight kN/m ³
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE 40 mm	99.8	0									
		ROADWAY GRANULARS 90 mm	99.8										
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (loose).	99.7										
		TILL Silty sand, some gravel, grey, moist, (compact to very dense).	98.3	1									
				2									
				3									
		Auger refusal @ 3.5 m depth	96.3										

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.5

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E13



Project No. OTEN00018095B

Figure No. 14

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Shear Strength by Vane Test

Logged by: _____ Checked by: _____

SOIL DESCRIPTION	Geodetic Elevation (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Weight (kN/m ³)
		Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		20	40	60	80	250	500	750	
ASPHALTIC CONCRETE 40 mm FILL	100.7								
Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	99.9								
SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (loose).	98.6								
TILL Silty sand, some gravel, grey, moist, (very dense).	97.2								
LIMESTONE BEDROCK Grey, fair to good quality.	96.9								
Borehole terminated @ 5.9 m depth	94.8								

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/19/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.8
7 Days	3.8	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E14



Project No. OTEN00018095B

Figure No. 15

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23th, 2005

Drill Type: _____

Datum: Assumed

Logged by: _____ Checked by: _____

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test

- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight (kN/m ³)
					Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE 40 mm	100.6	0									
		ROADWAY GRANULARS 300 mm	100.6										
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (loose to compact).	100.3										
				1									
				2									
			97.7										
		TILL Silty sand, some gravel, fine to medium grained, grey, moist, (very dense).	97.0										
				3									
				4									
		LIMESTONE BEDROCK Grey, excellent quality.	96.2										
				5									
				6									
			93.8										
		Borehole terminated @ 6.8 m depth											

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.6
7 Days	4.4	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %
1	3.6 - 4.8	96	92
2	4.8 - 6.2	100	100
3	6.2 - 6.8	98	98

Borehole Log G2



Project No. OTEN00018095B

Figure No. 17

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test _____

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

Shear Strength by Vane Test

Shear Strength by Vane Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³	
					Shear Strength kPa				250	500	750			
					20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)					
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.8	0										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact).	100.1	1										
		TILL Silty sand, some gravel, grey, moist, (dense).	99.3	2										
		Auger refusal @ 2.3 m depth	98.5											

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.3

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G3



Project No. OTEN00018095B

Figure No. 18

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³	
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)					
					20	40	60	80	250	500	750			
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.8	0										
		TILL Silty sand, some gravel, grey, moist, (dense to very dense).	100.0	1										
				2										
		Auger refusal @ 2.7 m depth	98.1											

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.7

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G4



Project No. OTEN00018095B
 Project: Phase II Environmental Site Assessment
 Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario
 Date Drilled: August 24th, 2005
 Drill Type: _____
 Datum: Assumed
 Logged by: _____ Checked by: _____

Figure No. 19
 Sheet No. 1 of 1

Split Spoon Sample Combustible Vapour Reading
 Auger Sample Natural Moisture Content
 SPT (N) Value Atterberg Limits
 Dynamic Cone Test Undrained Triaxial at % Strain at Failure
 Shelby Tube Shear Strength by Penetrometer Test
 Shear Strength by Vane Test

SOIL DESCRIPTION	Geodetic Elevation (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLING	Natural Unit Weight (kN/m ³)
		Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		20	40	60	80	250	500	750		
ASPHALTIC CONCRETE 100 mm	100.4									
FILL Roadway granulars, ~700 mm.	100.3									
SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact).	99.6									
TILL Silty sand, some gravel, grey, moist, (dense).	98.9									
	97.2									
LIMESTONE BEDROCK Grey, good quality.	96.2									
	94.5									
Borehole terminated @ 5.9 m depth										

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

NOTES:
 1. Borehole data requires interpretation assistance from Trow before use by others
 2. Piezometer installed upon completion.
 3. Field work supervised by a Trow representative
 4. See Notes on Sample Descriptions
 5. This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.2
6 Days	4.2	

Run No.	Depth (m)	% Rec.	RQD %
1	3.2 - 4.6	95	88
2	4.6 - 5.9	98	81

Borehole Log G5



Project No. OTEN00018095B

Figure No. 20

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

Shear Strength by Vane Test

Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE -60 mm	100.4	0									
		ROADWAY GRANULARS -400 mm	100.3										
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	99.9							X			
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (loose).	99.6	1							X		
		TILL Silty sand, some gravel, grey, moist, (loose to dense).	98.9	2							X		
				3						X			
										X			
			96.8							X			
		Auger refusal @ 3.6 m depth											

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.6

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G6



Project No. OTEN00018095B

Figure No. 21

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

GWL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight (kN/m ³)
				Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
				20	40	60	80	250	500	750		
	FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	99.5	0									
	TOPSOIL	98.7	1									
	TILL Silty sand, some gravel, grey, moist, (compact to dense).	98.1	2									
		96.5	3									2.1
	Auger refusal @ 3.0 m depth											

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion 6 Days	n/d Dry	3.0

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G7



Project No. OTEN00018095B

Figure No. 22

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

SOIL SYMBOL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLING	Natural Unit Weight (kN/m ³)
				Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
				20	40	60	80	250	500	750		
ASPHALTIC CONCRETE	100 mm	99.7	0									
FILL	Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (compact).	99.6	0					X				
			1						X			
TILL	Silty sand, some gravel, grey, moist, (loose to dense).	98.2	2						X			
			3									1.8
	Auger refusal @ 3.2 m depth	96.5	3						X			2.2

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.2

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G8



Project No. OTEN00018095B

Figure No. 23

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Logged by: _____ Checked by: _____

G.W.L.	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight (kN/m ³)
				20 40 60 80				250	500	750		
				Shear Strength (kPa)				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
		ASPHALTIC CONCRETE-50 mm	99.7									
		ROADWAY GRANULARS-200 mm	99.7									
		FILL	99.5					X				
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (loose).										
		TILL	98.2									
		Silty sand, some gravel, grey, moist, (dense to very dense).										
			97.5									2.3
			96.2									2.4
		Auger refusal @ 3.5 m depth										

LOG OF BOREHOLE OTEN00018095B- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion 6 Days	n/d 2.2	3.5

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G9



Project No. OTEN00018095B
 Project: Phase II Environmental Site Assessment
 Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario
 Date Drilled: August 23rd, 2005
 Drill Type: _____
 Datum: Assumed
 Logged by: _____ Checked by: _____

Figure No. 24
 Sheet No. 1 of 1

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test
- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

GWL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight (kN/m ³)
				20	40	60	80	250	500	750		
	ASPHALTIC CONCRETE -40 mm	100.5	0									
	ROADWAY GRANULARS -240 mm	100.2										
	FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (compact).	99.0	1						X			
	TILL Silty sand, some gravel, grey, moist, (compact to dense).	97.6	2						X			
	Auger refusal @ 2.9 m depth							X				

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.9

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G10



Project No. OTEN00018095B

Figure No. 25

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23rd, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test _____

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Logged by: _____ Checked by: _____

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
					Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
					20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE 50 mm	99.8	0									
		ROADWAY GRANULARS 300 mm	99.8										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (loose to compact).	99.5										
		TILL Silty sand, some gravel, grey, moist, (very dense). Auger refusal @ 1.9 m depth	98.3	1									
			97.9										

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ, TROW OTTAWA.GDT 2/9/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	1.9

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G11



Project No. OTEN00018095B

Figure No. 26

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 24th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Logged by: _____ Checked by: _____

G W L	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S A M P L E S	Natural Unit Weight kN/m ³
				Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
				20	40	60	80	250	500	750		
	FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.7	0									
	SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact).	99.9	1						X			
	TILL Silty sand, some gravel, grey, moist, (compact).	99.2	1						X			
	Auger refusal @ 2.1 m depth	98.6	2						X			

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
6 Days	n/d Dry	2.1

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G12



Project No. OTEN00018095B

Figure No. 27

Project: Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: August 23rd, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Assumed

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation (m)	DEPTH (m)	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLING	Natural Unit Weight (kN/m ³)
					Shear Strength (kPa)				Natural Moisture Content %				
					20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE 25 mm	100.8	0									
		ROADWAY GRANULARS 300 mm	100.8										
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (loose to compact).	100.5							X			
		TILL Silty sand, some gravel, grey, moist, (very dense).	98.5	1						X			
		LIMESTONE BEDROCK Grey, good to excellent quality.	97.8	2							X		
			97.3	3									
			94.7	6									
		Borehole terminated @ 6.1 m depth											

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 2/9/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.0
7 Days	3.5	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %
1	3.1 - 3.3	100	81
2	3.3 - 4.5	98	98
3	4.5 - 6.1	100	94

Borehole Log E15



Project No. OTEN00018095C

Figure No. 1

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

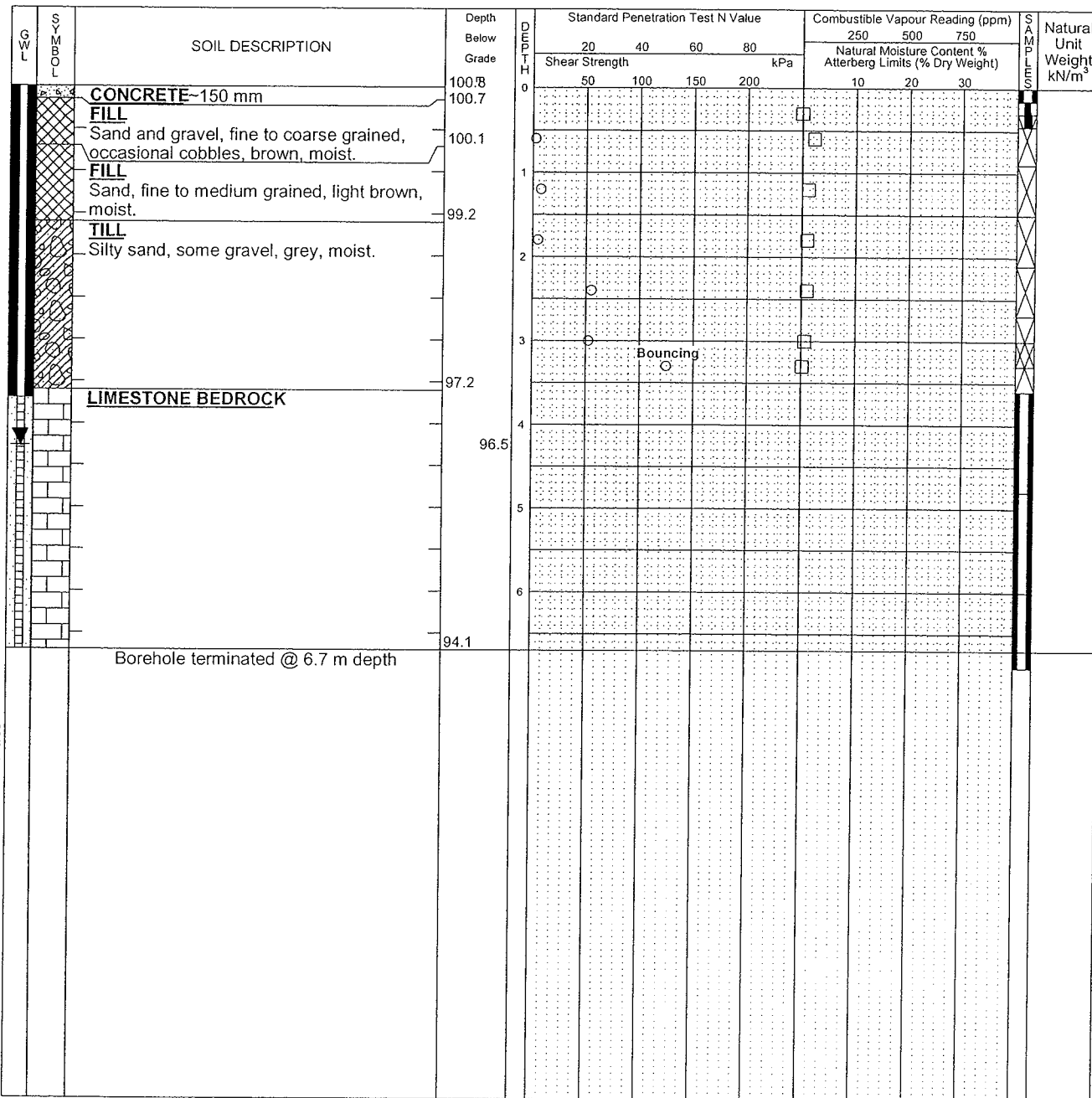
Logged by: _____ Checked by: _____

Shear Strength by

Shear Strength by

Vane Test

Penetrometer Test



LOG OF BOREHOLE OTEN00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	4.3	n/d
11 Days	4.4	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E17



Project No. OTEN00018095C

Figure No. 3

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test _____

Undrained Triaxial at % Strain at Failure

Shelby Tube _____

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

GWL	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			S&M	Natural Unit Weight kN/m ³
			Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
			20	40	60	80	250	500	750		
	ASPHALTIC CONCRETE -50 mm	100.8									
	BLIND DRILL Large cobble, air drilled through.	100.8									
		99.0									
	TILL Silty sand, some gravel, fine to medium grained, grey, moist, (very dense).	98.8									
	COBBLES Large cobbles, air drilled through.	97.9									
	LIMESTONE BEDROCK	97.37									
		94.3									
	Borehole terminated @ 6.9 m depth										

LOG OF BOREHOLE OTGEO0018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion 12 Days	n/d 3.4	n/d

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E17B



Project No. OTEN00018095C

Figure No. 4

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

LSC	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLING	Natural Unit Weight kN/m ³
			20	40	60	80	250	500	750		
			Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
	ASPHALTIC CONCRETE-50 mm BLIND DRILL	100.8 100.8									
	TILL Silty sand, some gravel, grey, moist.	98.5 97.9									
	Auger refusal @ 2.9 m depth										

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion n/d	n/d	n/d

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E18



Project No. OTEN00018095C

Figure No. 5

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Vane Test

Logged by: _____ Checked by: _____

SOIL SYMBOL	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
			Shear Strength kPa				250	500	750		
			20	40	60	80	Natural Moisture Content % Atterberg Limits (% Dry Weight)				
	CONCRETE~150 mm	100.9									
	FILL	100.8									
	Sand and gravel, fine to coarse grained, brown grey, moist.	100.3									
	SILTY SAND										
	Possible fill, fine to medium grained, yellow/brown, moist.	99.4									
	TILL										
	Silty sand, some gravel, grey, moist.										
	Auger refusal @ 2.3 m depth	98.4									

LOG OF BOREHOLE OTGE00018095A- BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

NOTES:
 1. Borehole data requires interpretation assistance from Trow before use by others
 2. Borehole backfilled upon completion.
 3. Field work supervised by a Trow representative
 4. See Notes on Sample Descriptions
 5. This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	n/d
	n/d	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E19



Project No. OTEN00018095C

Figure No. 6

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

- Split Spoon Sample
- Auger Sample
- SPT (N) Value
- Dynamic Cone Test
- Shelby Tube
- Shear Strength by Vane Test
- Combustible Vapour Reading
- Natural Moisture Content
- Atterberg Limits
- Undrained Triaxial at % Strain at Failure
- Shear Strength by Penetrometer Test

Drill Type: _____

Datum: Local

Logged by: _____ Checked by: _____

SOIL SYMBOL	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
			Shear Strength kPa				Natural Moisture Content %				
			20	40	60	80	250	500	750		
	CONCRETE -150 mm	100.9									
	FILL Sand and gravel, fine to coarse grained, greyish brown, moist.	100.8									
	FILL Sand, fine to medium grained, light yellowish brown, moist.	100.1									
	TILL Silty sand, some gravel, fine to medium grained, grey, moist, (very dense).	99.4									
	Auger refusal @ 2.9 m depth	98.0									

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion n/d	n/d	n/d

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E21



Project No. OTEN00018095C

Figure No. 8

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test

Undrained Triaxial at

Shelby Tube

% Strain at Failure

Logged by: _____ Checked by: _____

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
				Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)				
				20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE 50 mm	100.7									
		FILL	100.7									
		Sand and gravel, fine to coarse grained, dark brown, moist.	100.1									
		SILTY SAND										
		Possible fill, fine to medium grained, yellow/brown, moist.										
		TILL	98.9									
		Sandy silt, grey, mottles, moist, petroleum odour.										
			97.7									
		Auger refusal @ 3.0 m depth										

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	n/d
	n/d	

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E22



Project No. OTEN00018095C

Figure No. 9

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test _____

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Shear Strength by Penetrometer Test

Logged by: _____ Checked by: _____

GWL	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Weight kN/m ³
			20	40	60	80	250	500	750	
			Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
	ASPHALTIC CONCRETE 50 mm	100.7								
	FILL	100.7								
	Sand and gravel, trace silt, fine to coarse grained, dark brown, moist.	100.1								
	SILTY SAND	99.5								
	Possible fill, fine to medium grained, yellow/brown, moist.									
	TILL									
	Sandy silt, some sand and gravel, grey, mottles, moist.									
		97.7								
	Auger refusal @ 3.0 m depth									

LOG OF BOREHOLE OTGE00018095A-BOREHOLE LOGS.GPJ_TROW OTTAWA.GDT 7/10/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion n/d	n/d	n/d

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E23



Project No. OTEN00018095C

Figure No. 10

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

Split Spoon Sample

Combustible Vapour Reading

Drill Type: _____

Auger Sample

Natural Moisture Content

SPT (N) Value

Atterberg Limits

Datum: Local

Dynamic Cone Test

Undrained Triaxial at % Strain at Failure

Shelby Tube

Shear Strength by Penetrometer Test

Shear Strength by Vane Test

Logged by: _____ Checked by: _____

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			SAMPLES	Natural Unit Weight kN/m ³
				Shear Strength kPa				Natural Moisture Content %				
				20	40	60	80	250	500	750		
		ASPHALTIC CONCRETE 50 mm	100.8									
		FILL Sand and gravel, trace silt, fine to coarse grained, dark brown, moist.	100.2									
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	99.0									
		TILL Sandy silt, some sand and gravel, grey, mottles, moist, strong petroleum odour.	97.9									
		Auger refusal @ 3.0 m depth	97.9									

LOG OF BOREHOLE_OTEN00018095A-BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:**
- Borehole data requires interpretation assistance from Trow before use by others
 - Borehole backfilled upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	n/d
n/d	n/d	n/d

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E24



Project No. OTEN00018095C

Figure No. 11

Project: Supplemental Phase II Environmental Site Assessment

Sheet No. 1 of 1

Location: 1666 Carling Avenue, Ottawa, Ontario

Date Drilled: September 28th, 2005

- | | | | |
|-----------------------------|-------------------------------------|---|-------------------------------------|
| Split Spoon Sample | <input checked="" type="checkbox"/> | Combustible Vapour Reading | <input type="checkbox"/> |
| Auger Sample | <input type="checkbox"/> | Natural Moisture Content | <input checked="" type="checkbox"/> |
| SPT (N) Value | <input type="checkbox"/> | Atterberg Limits | <input type="checkbox"/> |
| Dynamic Cone Test | <input type="checkbox"/> | Undrained Triaxial at % Strain at Failure | <input type="checkbox"/> |
| Shelby Tube | <input type="checkbox"/> | Shear Strength by Penetrometer Test | <input type="checkbox"/> |
| Shear Strength by Vane Test | <input type="checkbox"/> | | |

Drill Type: _____

Datum: Local

Logged by: _____ Checked by: _____

SOIL DESCRIPTION	Depth Below Grade	Standard Penetration Test N Value				Combustible Vapour Reading (ppm)			Natural Unit Weight kN/m ³
		Shear Strength kPa				Natural Moisture Content % Atterberg Limits (% Dry Weight)			
		20	40	60	80	250	500	750	
ASPHALTIC CONCRETE 50 mm	100.7								
FILL	100.7								
Sand and gravel, trace silt, fine to coarse grained, dark brown, moist.	100.1								
TILL									
Sandy silt, some sand and gravel, grey, mottles, moist.	98.9								
TILL									
Sandy silt, grey brown, mottles, moist.	97.9								
Auger refusal @ 2.8 m depth									

LOG OF BOREHOLE OTGE00018095A - BOREHOLE LOGS.GPJ TROW OTTAWA.GDT 7/10/05

- NOTES:
- Borehole data requires interpretation assistance from Trow before use by others
 - Piezometer installed upon completion.
 - Field work supervised by a Trow representative
 - See Notes on Sample Descriptions
 - This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C

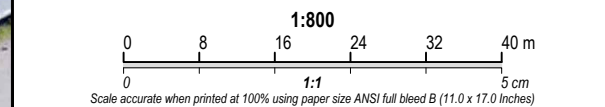
WATER LEVEL RECORDS		
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion n/d	n/d	n/d

CORE DRILLING RECORD			
Run No.	Depth (m)	% Rec.	RQD %



Note
 1. This drawing shall be read in conjunction with the associated technical report.

- Legend**
- Approximate Site Boundary
 - ⊕ Sample Location That Exceeded the Applicable Table 3 Site Condition Standard for One or More Analyzed Parameters in Groundwater
 - ⊕ Sample Location That Met the Applicable Table 3 Site Condition Standard for All Analyzed Parameters in Soil and Groundwater
 - ⊕ Approximate Location of Former Borehole/Monitoring Well (SEACOR, 2007)



0	2022/06/13	Final	CFS
Revision	Date	Issue	Approval

Client: **Canadian Tire Real Estate limited**

Site: **CTR 290 - 1660 Carling Avenue, Ottawa, ON**

Report Title: **Phase II Environmental Site Assessment**

Drawing Title: **2022 Groundwater Exceedance**

Designed By	AK	Scale	As shown
Drawn By	JM	Date	June 2022
Approved By	CFS	Project No.	02202032

Figure No. **2**

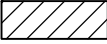

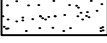
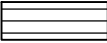
Drawing: 2 GW Exceedance.dwg Folder: D:\Joven OneDrive\OneDrive - Englobe Corp\Work\02202032_CTR 290 Carling Ave\Phase II ESA\DWGs Monday, June 13, 2022 @ 14:50 by Joven Mendoza

Source: Google Earth 2022


5
4
3
2
1
0

Legend



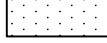
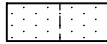
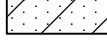
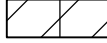
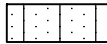

Well Construction

-  Backfill Sand / Bentonite
-  Bentonite
-  Silica Sand
-  Sreen

Sample Type

-  Dual Tube


Materials

-  Asphalt
-  Fill
-  Sand
-  Silty Sand
-  Sand & Gravel
-  Sand & Silt
-  Sandy Silt
-  Bedrock

Notes

- RQD Rock Quantity Designation
- MBGS Meters Below Ground Surface
- MASL Meters Above Sea Level
- CCGD Catalytic Combustible Gas Detector
- PID Photoionization Detector
- PAH Polycyclic Aromatic Hydrocarbons
- PHC/BTEX Petroleum Hydrocarbons / Benzene, Toluene, Ethylbenzene and Xylene

Drawing: Legend.dwg Folder: D:\Joven OneDrive\OneDrive - Englobe Corp\Wor\02202032 CTR 290 Carling Ave\INT files Tuesday, June 07, 2022 @ 16:00 by Joven Mendoza

Client Canadian Tire Real Estate Limited		Site CTR 290 - 1660 Carling Avenue, Ottawa	
	Report Title Phase II Environmental Site Assessment	Designed By A.K.	Date 2022/06/07
	Drawing Title Borehole Logs Legend & Notes	Drawn By J.M.	Project No. 02202032
		Approved By C.F.S.	Figure No. Borehole Logs
		Scale NA	

BH/MW22-01

DST Project No. 02202032 Client Canadian Tire Real Estate Limited Project Phase II Environmental Site Assessment Address CTR 290 - 1660 Carling Avenue, Ottawa	Date April 26, 2022 Method Hollow Stem Auger with Direct Push/Air Hammer Diameter ID 7.6 cm Coordinates 5025276 m N, 441389 m E Surface Elevation 78.04 m
---	--

Depth (m)	Elevation (m)	Water level (m)	Well construction	Depth (m) Elevation (m)	Symbol	Material Description	Sample #	Sample Type	% Sample Recov.	CCGD / PID		Analysis					Remarks
										CCGD	PID	Submitted for laboratory analysis					
											PAHs	PHC/BTEX	Metals	VOCs	Others		
78	78.04			0		ASPHALT											
	77.94			0.1		FILL - gravel, some sand, light grey, dry, loose	SS1	100		NM	NM						
0.5				0.75		SAND & SILT - trace gravel, brown, damp, loose	SS2	100		NM	NM						
1.0	77			77.29													
1.5																	
2.0	76			2		BEDROCK - limestone, fractured	BH22-01	100	<5 ppm	<1 ppm	✓	✓	✓	✓	✓		
	76.04			76.04													
2.5		75.56															
3.0	75																
3.5																	
4.0	74																
4.5																	
5.0	73																
5.5																	
6.0	72																
						End of Borehole at 6.1 m.											

Groundwater level measured on May 3, 2022.

BH/MW22-02

DST Project No. 02202032 Client Canadian Tire Real Estate Limited Project Phase II Environmental Site Assessment Address CTR 290 - 1660 Carling Avenue, Ottawa	Date April 26, 2022 Method Hollow Stem Auger with Direct Push/Air Hammer Diameter ID 7.6 cm Coordinates 5025280 m N, 441447 m E Surface Elevation 78.15 m
---	--

Depth (m)	Elevation (m)	Water level (m)	Well construction	Depth (m) Elevation (m)	Symbol	Material Description	Sample #	Sample Type	% Sample Recov.	CCGD / PID		Analysis					Remarks
										CCGD	PID	Submitted for laboratory analysis					
											PAHs	PHC/BTEX	Metals	VOCs	Others		
78	78.15			0		ASPHALT											
	78.05			0.1		FILL - gravel, dry, loose, light brown	SS1	100		NM	NM						
0.5				0.75		SAND - trace gravel, damp, soft											
	77.4			1.2		SAND & GRAVEL - dry	BH22-02B	100	<5 ppm	<1 ppm		✓					
1.0				1.7		- black, seam											
	76.95			1.8		SAND & SILT - damp, firm, some organics	BH22-02	100	<5 ppm	<1 ppm	✓	✓	✓	✓	✓	Other: Glycols	
1.5				2.1		BEDROCK - limestone											
	76.35																
	76.05																
2.0		75.50															
2.5																	
3.0																	
3.5																	
4.0																	
4.5																	
5.0						End of Borehole at 4.6 m.											
5.5																	
6.0																	
72																	

Groundwater level measured on May 3, 2022.

BH/MW22-03

DST Project No. 02202032 Client Canadian Tire Real Estate Limited Project Phase II Environmental Site Assessment Address CTR 290 - 1660 Carling Avenue, Ottawa	Date April 26, 2022 Method Hollow Stem Auger with Direct Push/Air Hammer Diameter ID 7.6 cm Coordinates 5025273 m N, 441434 m E Surface Elevation 78.19 m
---	--

Depth (m)	Elevation (m)	Water level (m)	Well construction	Depth (m) Elevation (m)	Symbol	Material Description	Sample #	Sample Type	% Sample Recov.	CCGD / PID		Analysis					Remarks
										CCGD	PID	PAHs	PHC/BTEX	Metals	VOCs	Others	
0	78.19			0		ASPHALT											
0.1	78.09			0.1		FILL - sandy gravel, dry, loose, light brown											
0.5						- Silty	SS1	100		NM	NM						
1.0							BH22-03	100	15 ppm	<1 ppm		✓	✓	✓	✓	✓	Other: Glycols, pH, Grain Size Duplicate: Dup-01
1.6	76.59			1.6		SANDY SILT - trace gravel, damp, grey, firm	BH22-03B	100	10 ppm	<1 ppm		✓					
2.0																	
2.5							SS4	100		NM	NM						
2.7	75.49			2.7		BEDROCK - limestone											
3.0		75.48															
3.5																	
4.0																	
4.5																	
5.0																	
5.5																	
6.0																	
6.1						End of Borehole at 6.1 m.											

Groundwater level measured on May 3, 2022.

