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

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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 ide 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 exists, 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 ae 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 m^2 (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 m^2) 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 Tabe 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
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.	**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.	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.	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^{TM} , floclog^{TM} should be utilized as enhanced mitigation method.	
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.	**The samples shall be collected and anlyzed for VOCs, PHCs and BTEX once a week for monitoring purposes**.	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.	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.	
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.	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**.	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.	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.	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
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.	**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).	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^{TM} 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.	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.	

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 it 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.Geo.
Senior Hydrogeologist
Earth & Environment

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

11 References

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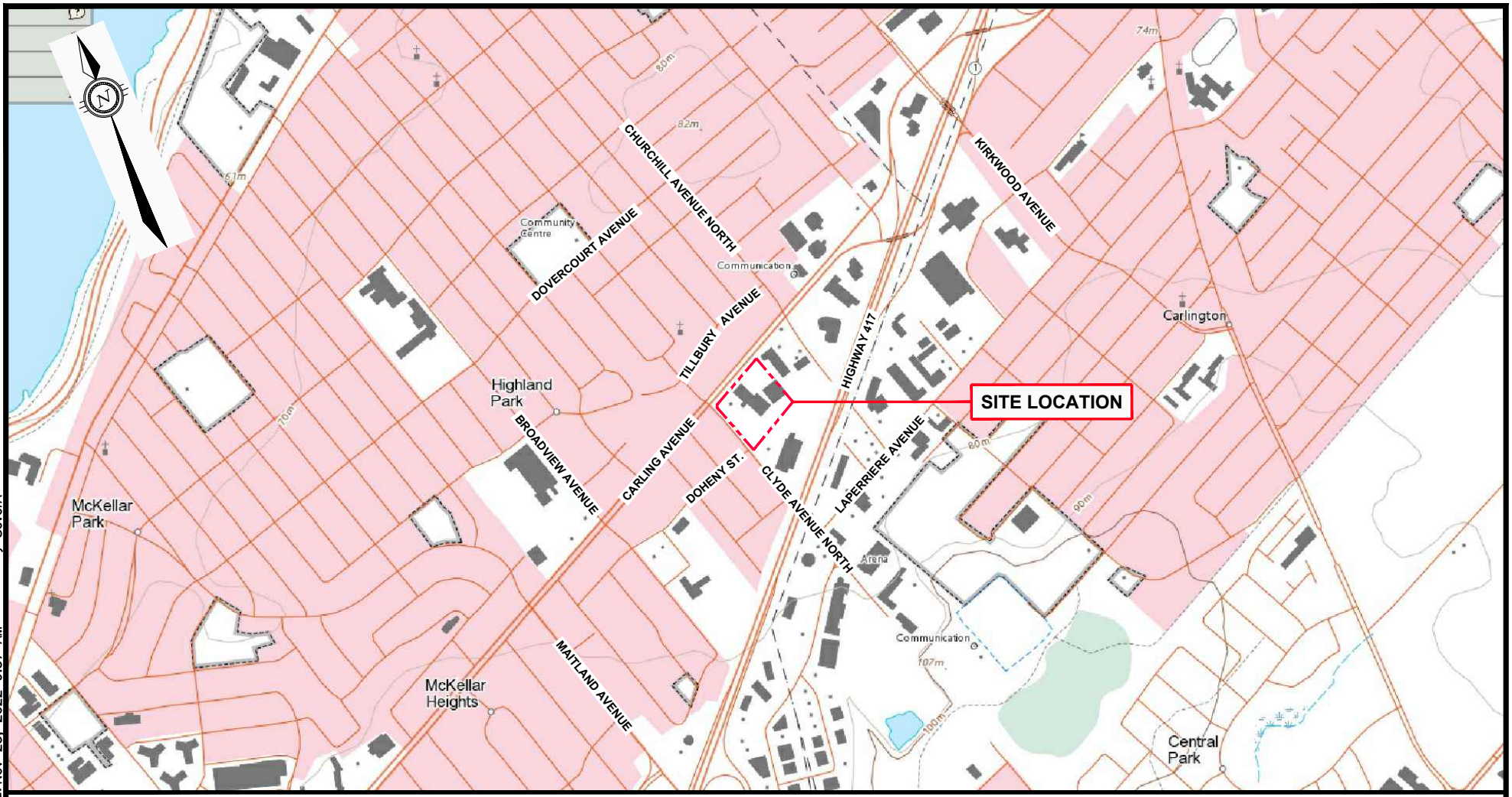
Figures



LEGEND

PROPERTY BOUNDARY

0 150m 300m 600m

HORIZONTAL 1:15,000

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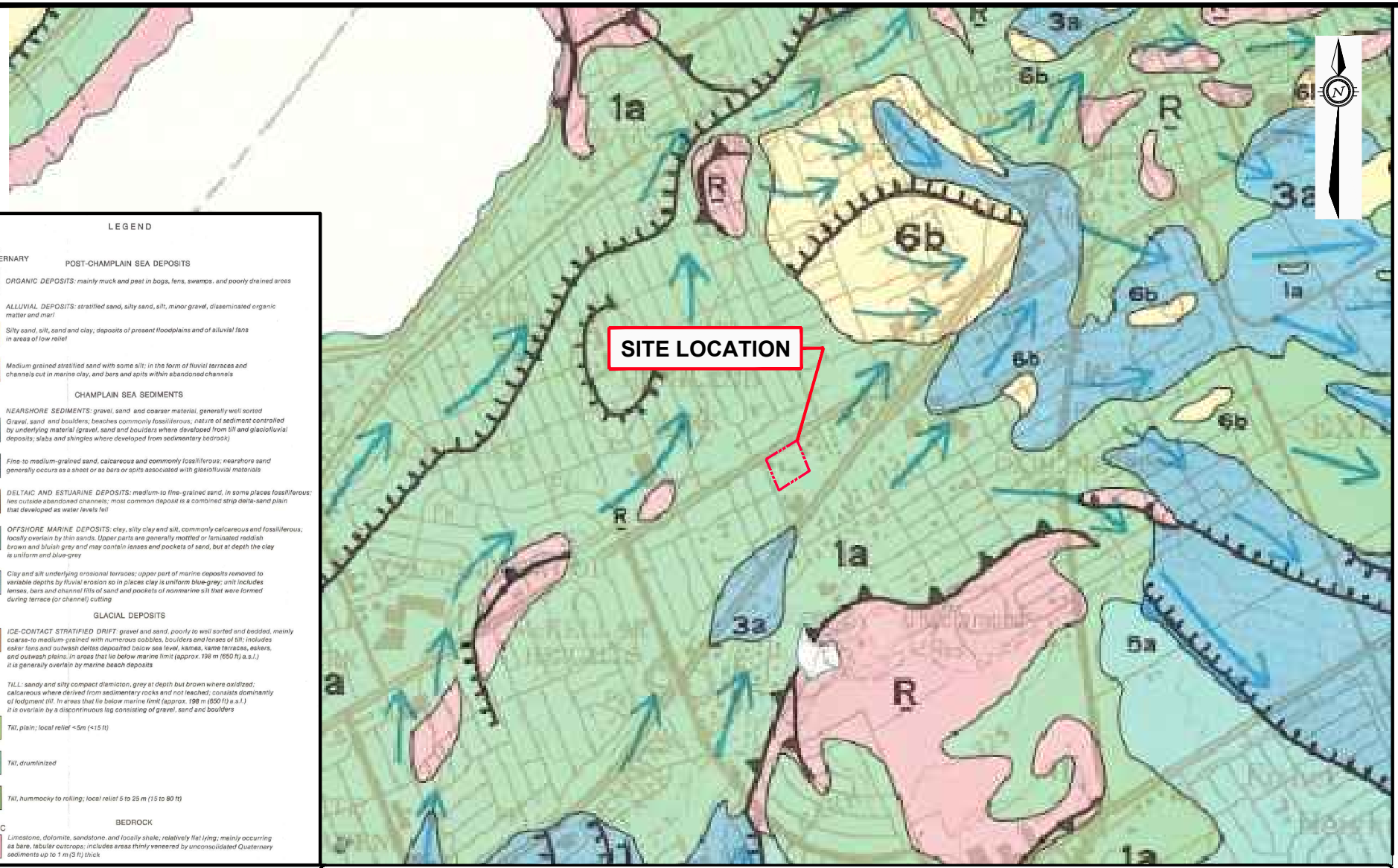
DATE: NOVEMBER 2022	PROJECT: HYDROGEOLOGICAL SITE ASSESSMENT 1660 & 1640 CARLING AVENUE, OTTAWA, ON	project no. OTT-22015769-A0
DESIGN: DA / CHECKED: CK		scale 1:15,000
DRAWN BY: AS	TITLE: SITE LOCATION PLAN	FIG 1



LEGEND

CENOZOIC
QUATERNARY

POST-CHAMPLAIN SEA DEPOSITS

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

5a — NEARSHORE SEDIMENTS: gravel, sand and coarser material, generally well sorted Gravel, sand and boulders; beaches commonly fossiliferous; nature of sediment controlled by underlying material (gravel, sand and boulders where developed from till and glaciofluvial 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 glaciofluvial 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 till; includes esker fans and outwash deltas deposited below sea level, kames, kame 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 diamicton, 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)

BEDROCK

PALEOZOIC

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

0 250m 500m 1km

HORIZONTAL 1:25,000

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DESIGN: DA / CHECKED: CK			scale 1:25,000
DRAWN BY: AS	TITLE: SURFICIAL GEOLOGY		FIG 2A

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0 400m 800m 1,600m

HORIZONTAL 1:40,000

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

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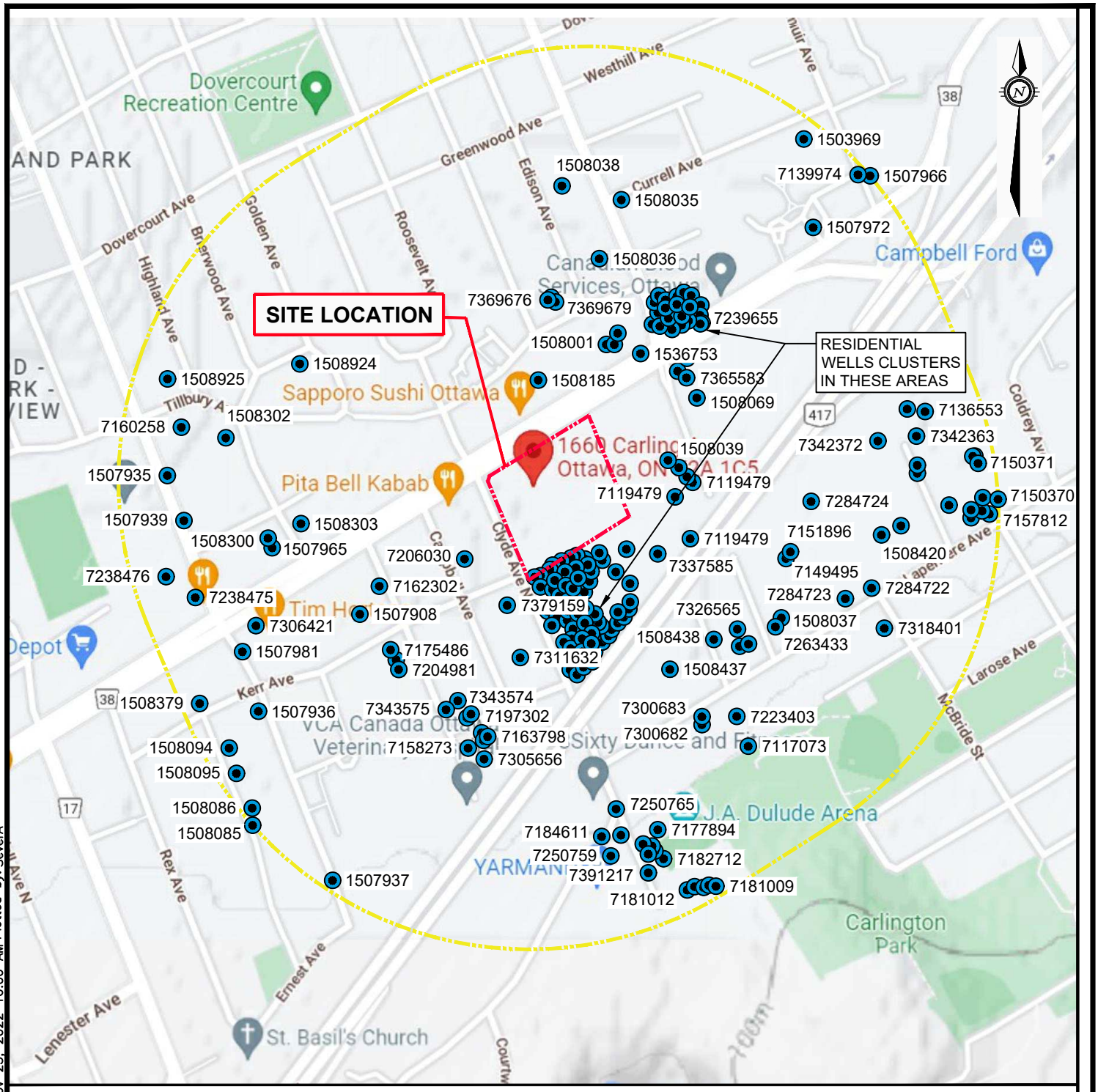

LEGEND

1507937 RESIDENTIAL WELL

SITE BOUNDARIES

500m (OF-SITE) RADIUS

0 50m 100m 300m

HORIZONTAL 1:7,500

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

Filename: E:\OTT\OTT-22015769-A0\60 Execution\65 Drawings\HydroGeological\22015769-A0_HG.dwg
Last Saved: Nov 23, 2022 10:00 AM Last Plotted: Nov 23, 2022 10:00 AM Plotted by: SeverA

av. Carling Ave.

av. Carling Ave.

av. Cole Ave. S.

av. Churchill Ave. N.

av. Clyde Ave. N.

heny St.

EXISTING BUILDING FOOTPRINT

NEW PROPOSED RESIDENTIAL TOWERS

PROPERTY BOUNDARY

A

A'

B

B'

MW G4 (96.20)

MW E15 (96.51)

MW E14 (97.05)

BH/MW22-05 (74.70)

MW E11 (96.78)

BH E1

BH E19

BH G8

BH E18

MW E16 (97.44)

BH E2

BH E12

MW E17 (97.40)

BH/MW22-04 (74.80)

BH/MW22-06 (75.05)

BH E3

BH E23

PETROLEUM PRODUCT IN GROUNDWATER

MW E8 (96.60)

BH E4

BH E5

BH E9

BH E21

BH E22

BH E24

BH E6

BH/MW22-01 (75.55)

BH E7

BH/MW22-02 (75.50)

BH/MW22-03 (75.48)

WASTE COMPOUND

MW E13 (97.03)

MW G12 (97.30)

LEGEND

- PROPERTY BOUNDARY
- **MW E11** — ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG-SEP 2005)
- **MW G4** — GEOTECHNICAL / ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG 2005)
- **BH E7** — ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG-SEP 2005)
- **BH G9** — ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG 2005)
- (96.50) — BEDROCK GROUNDWATER ELEVATION (2005)
- **BH/MW22-01** — 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

0 10m 20m 40m

HORIZONTAL 1:1000

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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

Filename: E:\OTT\OTT-22015769-A0\60 Execution\65 Drawings\HydroGeological\22015769-A0_HG.dwg
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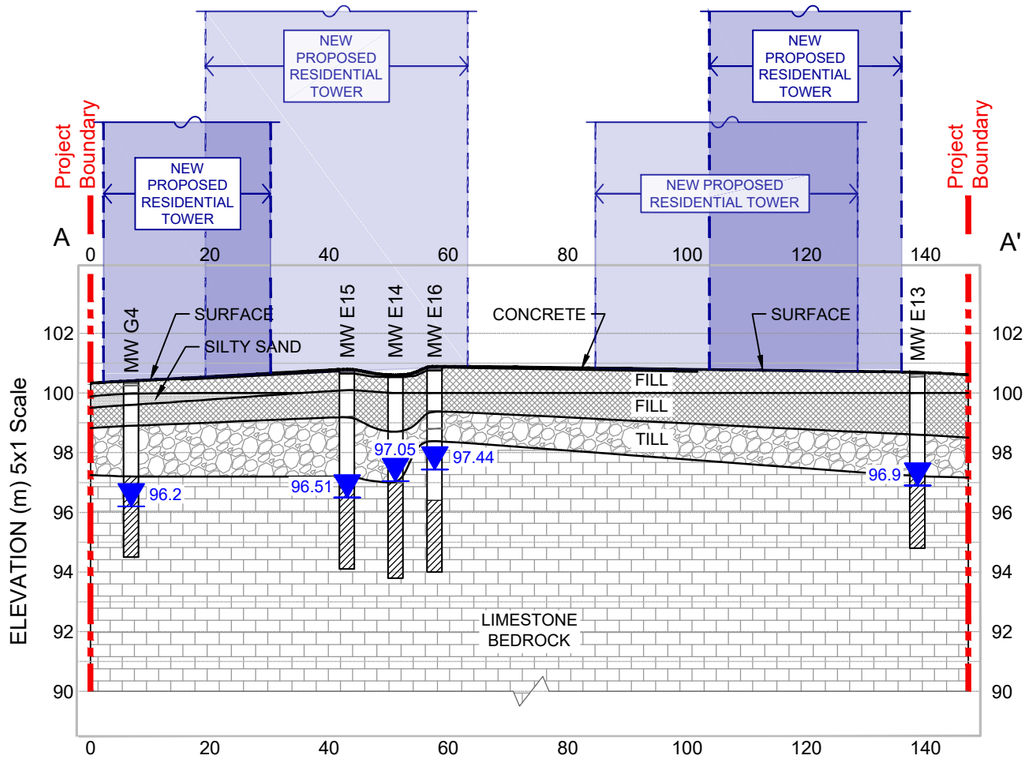
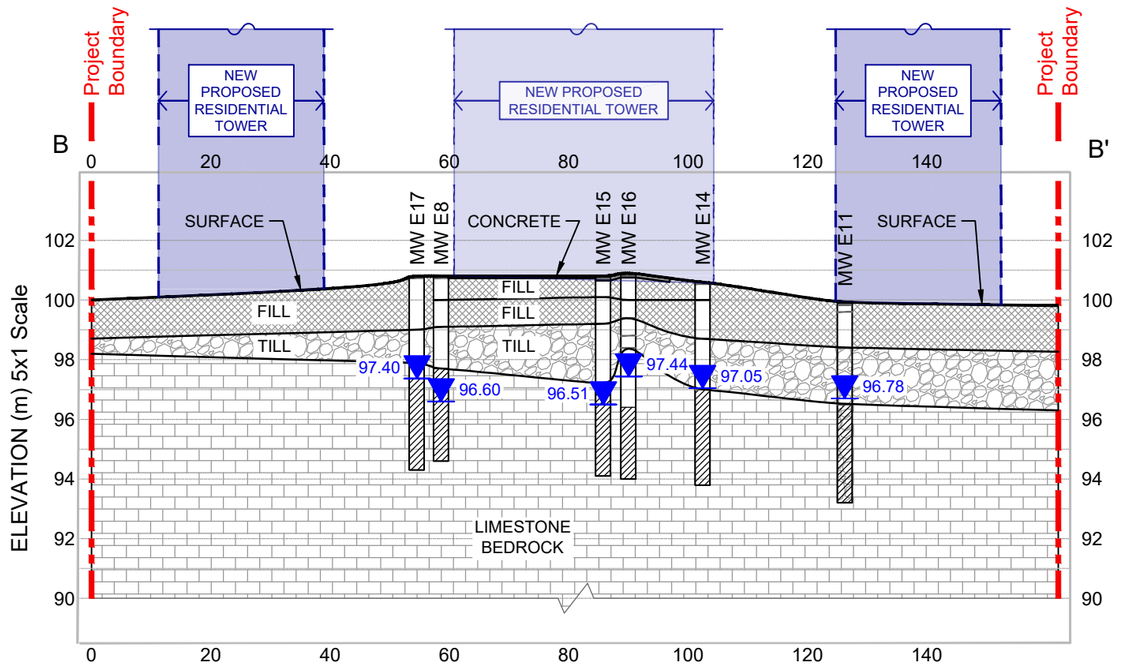


GEOLOGICAL CROSS-SECTION A-A'



GEOLOGICAL CROSS-SECTION B-B'

LEGEND

PROPERTY BOUNDARY

NEW PROPOSED 40 STORIES RESIDENTIAL TOWERS

0 10m 20m 40m

HORIZONTAL 1:1000

LEGEND

FILL

TILL

BEDROCK

SCREEN

96.60 GROUNDWATER ELEVATION

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DESIGN: DA / CHECKED: CK		scale: 1:1,000
DRAWN BY: AS	TITLE: GEOLOGIC CROSS-SECTIONS: A-A', B-B' (HIST. BOREHOLE / MONITORING WELL)	FIG 6

Filename: E:\OTT\OTT-22015769-A0\60 Execution\65 Drawings\HydroGeological\22015769-A0_HG.dwg
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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

Date 1/15/1949 **DDMMYY** | **Elev** 77.5 (masl) **Easting** 441251 **Northing** 5025422 | **Well_Depth_m:** 88.3919982910156 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply

Water Found 45.7 (mbgs) 31.7 (masl) FRESH

Street

Town/City

Flowing? N

SWL	8.5	(mbgs)	68.9	(masl)
Pumping WL	27.4	(mbgs)	50.0	(masl)
Pump Rate	9.1	(LPM)	2 / 0	
Spec. Cap.	0.48	(LPM/m)	Hr / Min	

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.5		MEDIUM SAND / GRAVEL /
1.5	75.9		MEDIUM SAND / GRAVEL /
29.0	48.5	BLUE	SHALE / /
		BLUE	SHALE / /
61.0	16.5	WHITE	LIMESTONE / /
		WHITE	LIMESTONE / /
88.4	-10.9		LIMESTONE / /
			LIMESTONE / /

1503969 **Lot** 031 **Conc** 01 OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON

Date 12/1/1949 **DDMMYY** | **Elev** 76.3 (masl) **Easting** 441721 **Northing** 5025782 | **Well_Depth_m:** 23.7744007110596 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply

Water Found 23.8 (mbgs) 52.6 (masl) FRESH

Street

Town/City

Flowing? N

SWL	4.0	(mbgs)	72.4	(masl)
Pumping WL	5.5	(mbgs)	70.9	(masl)
Pump Rate	13.6	(LPM)	1 / 0	
Spec. Cap.	8.95	(LPM/m)	Hr / Min	

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	76.3		
5.8	70.6	BLUE	CLAY / /
		BLUE	CLAY / /
23.8	52.6	BLUE	LIMESTONE / /
		BLUE	LIMESTONE / /

1507908 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/4/1951 **DDMMYY** | **Elev** 78.7 (masl) **Easting** 441111 **Northing** 5025142 | **Well_Depth_m:** 18.8976001739502 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply

Water Found 17.7 (mbgs) 61.0 (masl) FRESH

Street

Town/City

Flowing? N

SWL	0.9	(mbgs)	77.8	(masl)
Pumping WL	6.1	(mbgs)	72.6	(masl)
Pump Rate	18.2	(LPM)	2 / 0	
Spec. Cap.	3.51	(LPM/m)	Hr / Min	

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

Date 5/2/1950 **DDMMYY** | **Elev** 75.9 (masl) **Easting** 440991 **Northing** 5025232 | **Well_Depth_m:** 17.0687999725342 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply

Water Found 16.2 (mbgs) 59.8 (masl) FRESH

Street

Town/City

Flowing? N

SWL	3.7	(mbgs)	72.3	(masl)
Pumping WL		(mbgs)		(masl)
Pump Rate	4.5	(LPM)	0 / 30	
Spec. Cap.		(LPM/m)	Hr / Min	

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	75.9		
1.2	74.7		CLAY / /
17.1	58.9	BLACK	ROCK / /

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)
Pump Rate 36.4 (LPM) 1 / 0
Spec. Cap. (LPM/m) Hr / Min

/ Domestic Water Supply

Water Found 12.2 (mbgs) 63.9 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	76.1		
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)
Pump Rate 27.3 (LPM) 1 / 0
Spec. Cap. 11.19 (LPM/m) Hr / Min

/ Domestic Water Supply

Water Found 18.3 (mbgs) 57.8 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	76.1		
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)
Pump Rate 54.6 (LPM) 2 / 0
Spec. Cap. 7.46 (LPM/m) Hr / Min

/ Commerical Water Supply

Water Found 76.2 (mbgs) 0.9 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.1		
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)
Pump Rate (LPM) 0 / 10
Spec. Cap. (LPM/m) Hr / Min

/ Domestic Water Supply

Water Found 15.2 (mbgs) 62.3 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.6		
15.2	62.3		LIMESTONE / /

1508036 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/9/1951 **Elev** 77.2 (masl) **Easting** 441441 **Northing** 5025622
DDMMYY **Well_Depth_m:** 30.4799995422363 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply
Water Found 18.3 (mbgs) 58.9 (masl) FRESH
Street
Town/City

Flowing? N
SWL 3.0 (mbgs) 74.2 (masl)
Pumping WL 4.6 (mbgs) 72.6 (masl)
Pump Rate 18.2 (LPM) 0 / 30
Spec. Cap. 11.93 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.2		
0.6	76.6		TOPSOIL / /
30.5	46.7		LIMESTONE / /

1508037 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/6/1952 **Elev** 79.3 (masl) **Easting** 441681 **Northing** 5025132
DDMMYY **Well_Depth_m:** 16.1543998718262 **UTM RC** 9 **unknown UTM**

Domestic / Commerical Water Supply
Water Found 12.2 (mbgs) 67.2 (masl) FRESH
Street
Town/City

Flowing? N
SWL 2.1 (mbgs) 77.2 (masl)
Pumping WL (mbgs) (masl)
Pump Rate 31.8 (LPM) 1 / 0
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	79.3		
0.9	78.4		CLAY / MEDIUM SAND / STONES
			CLAY / MEDIUM SAND / STONES
			CLAY / MEDIUM SAND / STONES
2.1	77.2		ROCK / /
			ROCK / /
			ROCK / /
16.2	63.2		LIMESTONE / /
			LIMESTONE / /
			LIMESTONE / /

1508038 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 9/22/1953 **Elev** 77.4 (masl) **Easting** 441391 **Northing** 5025722
DDMMYY **Well_Depth_m:** 20.1168003082275 **UTM RC** 9 **unknown UTM**

/ Commerical Water Supply
Water Found 20.1 (mbgs) 57.3 (masl) FRESH
Street
Town/City

Flowing? N
SWL 4.6 (mbgs) 72.9 (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.4		
2.4	75.0		CLAY / /
20.1	57.3	WHITE	LIMESTONE / /

1508039 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/26/1954 **Elev** 78.1 (masl) **Easting** 441531 **Northing** 5025347
DDMMYY **Well_Depth_m:** 20.7264003753662 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply
Water Found 19.8 (mbgs) 58.3 (masl) FRESH
Street
Town/City

Flowing? N
SWL 1.8 (mbgs) 76.3 (masl)
Pumping WL 7.6 (mbgs) 70.5 (masl)
Pump Rate 31.8 (LPM) 2 / 0
Spec. Cap. 5.49 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.1		
6.1	72.0		CLAY / /
20.7	57.4		LIMESTONE / /

1508040 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/26/1954 **DDMMYY** **Elev** 78.4 (masl) **Easting** 441371 **Northing** 5025122
Well_Depth_m: 76.5047988891602 **UTM RC** 9 **unknown UTM**

/ Commerical Water Supply
Water Found 75.6 (mbgs) 2.8 (masl) FRESH
Street
Town/City

Flowing? N
SWL 1.8 (mbgs) 76.5 (masl)
Pumping WL 38.1 (mbgs) 40.3 (masl)
Pump Rate 31.8 (LPM) 0 / 40
Spec. Cap. 0.88 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.4		
1.8	76.5		TOPSOIL / /
76.5	1.9		LIMESTONE / /

1508069 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/23/1960 **DDMMYY** **Elev** 77.2 (masl) **Easting** 441571 **Northing** 5025432
Well_Depth_m: 64.0080032348633 **UTM RC** 5 **margin of error : 100 m - 300 m**

/ Cooling And A/C Water Supply
Water Found 64.0 (mbgs) 13.2 (masl) FRESH
Street
Town/City

Flowing? N
SWL 4.6 (mbgs) 72.6 (masl)
Pumping WL 48.8 (mbgs) 28.4 (masl)
Pump Rate 4.5 (LPM) 4 / 0
Spec. Cap. 0.10 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.2		
0.9	76.3		FILL / /
64.0	13.2		LIMESTONE / /

1508300 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 2/10/1950 **DDMMYY** **Elev** 75.3 (masl) **Easting** 440986 **Northing** 5025247
Well_Depth_m: 21.3360004425049 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply
Water Found 21.3 (mbgs) 54.0 (masl) FRESH
Street
Town/City

Flowing? N
SWL 4.3 (mbgs) 71.0 (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	75.3		
1.5	73.8		TOPSOIL / /
			TOPSOIL / /
			TOPSOIL / /
21.3	54.0		LIMESTONE / /
			LIMESTONE / /
			LIMESTONE / /

1508301 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/7/1950 **DDMMYY** **Elev** 75.3 (masl) **Easting** 440986 **Northing** 5025247
Well_Depth_m: 28.0416011810303 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply
Water Found 15.2 (mbgs) 60.0 (masl) FRESH
Street
Town/City

Flowing? N
SWL 2.7 (mbgs) 72.5 (masl)
Pumping WL 3.7 (mbgs) 71.6 (masl)
Pump Rate 36.4 (LPM) 1 / 0
Spec. Cap. 39.77 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	75.3		
0.6	74.7		SILT / /
			SILT / /
			SILT / /
1.8	73.5		SHALE / /
			SHALE / /
			SHALE / /
28.0	47.2		LIMESTONE / /
			LIMESTONE / /

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)
Pump Rate 22.7 (LPM) 0 / 30
Spec. Cap. 7.46 (LPM/m) Hr / Min

/ Domestic Water Supply
Water Found 23.8 (mbgs) 50.7 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	74.5		
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)
Pump Rate 31.8 (LPM) 0 / 30
Spec. Cap. 26.10 (LPM/m) Hr / Min

/ Domestic Water Supply
Water Found 16.8 (mbgs) 59.5 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	76.2		
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)
Pump Rate 31.8 (LPM) 2 / 0
Spec. Cap. 6.96 (LPM/m) Hr / Min

/ Commerical Water Supply
Water Found 18.3 (mbgs) 61.3 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	79.6		
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)
Pump Rate 36.4 (LPM) 2 / 0
Spec. Cap. 23.86 (LPM/m) Hr / Min

/ Commerical Water Supply
Water Found 19.8 (mbgs) 59.9 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	79.7		
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)
Pump Rate 18.2 (LPM) 2 / 0
Spec. Cap. 0.31 (LPM/m) Hr / Min

/ Commerical Water Supply
Water Found 59.4 (mbgs) 20.0 (masl) FRESH
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	79.5		

Depth (m)	Elev (masl)	Color	Soil Descriptions		
1.2	78.3		CLAY /		/
61.0	18.5	GREY	LIMESTONE /		/

1508438 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/7/1964 **DDMMYY** **Elev** 79.2 (masl) **Well_Depth_m:** 60.9599990844727 **Easting** 441591 **UTM RC** 5 **Northing** 5025102 margin of error : 100 m - 300 m

/ Commerical Water Supply

Water Found 7.6 (mbgs) 71.6 (masl) FRESH

Street

Town/City

Flowing? N
SWL 2.4 (mbgs) 76.8 (masl)
Pumping WL 31.7 (mbgs) 47.5 (masl)
Pump Rate 136.4 (LPM) 1 / 0
Spec. Cap. 4.66 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0	79.2				
1.5	77.7		CLAY /		/
			CLAY /		/
61.0	18.3	GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/

1508924 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 3/16/1951 **DDMMYY** **Elev** 74.7 (masl) **Well_Depth_m:** 18.8976001739502 **Easting** 441031 **UTM RC** 9 **Northing** 5025482 unknown UTM

/ Domestic Water Supply

Water Found 18.9 (mbgs) 55.8 (masl) FRESH

Street

Town/City

Flowing? N
SWL 1.8 (mbgs) 72.9 (masl)
Pumping WL 3.0 (mbgs) 71.6 (masl)
Pump Rate 27.3 (LPM) 0 / 30
Spec. Cap. 22.37 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0	74.7				
3.0	71.6		CLAY /		/
18.9	55.8		LIMESTONE /		/

1508925 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/20/1951 **DDMMYY** **Elev** 75.0 (masl) **Well_Depth_m:** 24.3840007781982 **Easting** 440851 **UTM RC** 9 **Northing** 5025462 unknown UTM

/ Domestic Water Supply

Water Found 21.3 (mbgs) 53.7 (masl) FRESH

Street

Town/City

Flowing? N
SWL 1.5 (mbgs) 73.5 (masl)
Pumping WL 3.0 (mbgs) 72.0 (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0	75.0				
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

Date 6/17/1949 **DDMMYY** **Elev** 75.9 (masl) **Well_Depth_m:** 19.5072002410889 **Easting** 440801 **UTM RC** 9 **Northing** 5025547 unknown UTM

/ Domestic Water Supply

Water Found 18.3 (mbgs) 57.6 (masl) FRESH

Street

Town/City

Flowing? N
SWL 0.9 (mbgs) 75.0 (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) 1 / 0
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0	75.9				
3.4	72.5		BOULDERS /	CLAY	/
19.5	56.4		LIMESTONE /		/

1510608 **Lot** 030 **Conc** 01 OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON

Date 6/21/1949 **DDMMYY** **Elev** 76.5 (masl) **Easting** 440786 **Northing** 5025562 **Well_Depth_m:** 20.1168003082275 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply

Water Found 18.9 (mbgs) 57.6 (masl) FRESH

Street **Town/City**

Flowing? N
SWL 1.2 (mbgs) 75.3 (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) 1 / 0
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	76.5		
3.4	73.1		BOULDERS / CLAY /
20.1	56.4		LIMESTONE / /

1510609 **Lot** 030 **Conc** 01 OTTAWA CITY (NEPEAN) / OTTAWA-CARLETON

Date 6/14/1949 **DDMMYY** **Elev** 75.9 (masl) **Easting** 440801 **Northing** 5025552 **Well_Depth_m:** 19.5072002410889 **UTM RC** 9 **unknown UTM**

/ Domestic Water Supply

Water Found 18.3 (mbgs) 57.7 (masl) FRESH

Street **Town/City**

Flowing? N
SWL 1.2 (mbgs) 74.7 (masl)
Pumping WL 1.2 (mbgs) 74.7 (masl)
Pump Rate (LPM) 1 / 0
Spec. Cap. 9,999.99 (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	75.9		
3.0	72.9		BOULDERS / CLAY /
19.5	56.4		LIMESTONE / /

1536753 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/14/2006 **DDMMYY** **Elev** 77.0 (masl) **Easting** 441494 **Northing** 5025492 **Well_Depth_m:** 3.90000009536743 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 1607 CARLING AVENUE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.0		
3.9	73.1		/ /

7043268 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 2/26/2007 **DDMMYY** **Elev** 78.2 (masl) **Easting** 441867 **Northing** 5025326 **Well_Depth_m:** 4.57000017166138 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 880 LADY ELLEN
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.2		
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

Date **DDMMYY** **Elev** 77.7 (masl) **Easting** 441393 **Northing** 5025180 **Well_Depth_m:** 5.48640012741089 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	77.7		

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
		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

Date 12/4/2008 **Elev** 77.7 (masl) **Easting** 441406 **Northing** 5025165

DDMMYY **Well_Depth_m:** 3.04800009727478 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE

Town/City Ottawa

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0	77.7				
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	/
	76.6	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	/
	76.4	BROWN	SAND /	SILT	/
	76.6	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	/
	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	/
	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	/
	76.6	BROWN	SAND /	SILT	/
	76.7	BROWN	SAND /	SILT	/
		BROWN	SAND /	SILT	/
		BROWN	SAND /	SILT	/
	76.6	BROWN	SAND /	SILT	/

1.2	76.7	BROWN	SAND /	SILT	/
	76.6	BROWN	SAND /	SILT	/
		BROWN	SAND /	SILT	/
	76.7	BROWN	SAND /	SILT	/
		BROWN	SAND /	SILT	/
		BROWN	SAND /	SILT	/
	76.6	BROWN	SAND /	SILT	/
	76.7	BROWN	SAND /	SILT	/
3.0	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 /		/
		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 /		/

Depth (m)	Elev (masl)	Color	Soil Descriptions
3.0	74.7	GREY	LIMESTONE / /
	74.8	GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
	74.7	GREY	LIMESTONE / /
	74.9	GREY	LIMESTONE / /
	74.8	GREY	LIMESTONE / /
	74.7	GREY	LIMESTONE / /
	74.8	GREY	LIMESTONE / /
	74.7	GREY	LIMESTONE / /
	74.8	GREY	LIMESTONE / /
	74.7	GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
	74.6	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 / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /
		GREY	LIMESTONE / /

7119477 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

Date 1/12/2009 **DDMMYY** **Elev** 78.6 (masl) **Well_Depth_m:** 9.5 **Easting** 441363 **UTM RC** 3 **Northing** 5025194 **margin of error : 10 - 30 m**

/ Monitoring Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE

Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.6		
9.5	69.1	BROWN	SAND / CLAY /
	69.2	BROWN	SAND / CLAY /
		BROWN	SAND / CLAY /
		BROWN	SAND / CLAY /

9.5	69.2	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	/
	69.2	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
		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	/
	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	/
		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	/
	69.3	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	/
		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	/
		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	/
	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	/

7119478 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Date 1/30/2009 **Elev** 79.5 (masl) **Easting** 441403 **Northing** 5025080
DDMMYY **Well_Depth_m:** 4.57000017166138 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te
Water Found (mbgs) (masl)
Street 861 CLYDE STREET
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	79.5		
2.7	76.8	BROWN	SAND / SILT /
	77.8	BROWN	SAND / SILT /
4.6	76.0	GREY	LIMESTONE / /
	74.9	GREY	LIMESTONE / /

7119479 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Date 1/28/2009 **Elev** 82.0 (masl) **Easting** 441430 **Northing** 5025086
DDMMYY **Well_Depth_m:** 3.96000003814697 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring
Water Found (mbgs) (masl)
Street 861 CLYDE AVE.
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	82.0		
0.1	81.9	BLACK	OTHER / /
	77.9	BLACK	OTHER / /
		BLACK	OTHER / /
		BLACK	OTHER / /
	81.9	BLACK	OTHER / /
		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 / /
	81.9	BLACK	OTHER / /
	78.2	BLACK	OTHER / /
	81.0	BLACK	OTHER / /
	77.5	BLACK	OTHER / /
	78.2	BLACK	OTHER / /
		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 / /

	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 /	/
			BLACK	OTHER /	/
		81.0	BLACK	OTHER /	/
		79.0	BLACK	OTHER /	/
		77.5	BLACK	OTHER /	/
			BLACK	OTHER /	/
		79.0	BLACK	OTHER /	/
			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 /	/
		77.5	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 /		/	
0.9	80.2	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
	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
	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
		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
		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
		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
	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
		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
		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 /		/
	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 /	/
		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 /	/
		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 /	/
		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 /	/
	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 /	/
	75.2	GREY	LIMESTONE /	/

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

Date 11/2/2009 **Elev** (masl) **Easting** 441941 **Northing** 5025275
DDMMYY **Well_Depth_m:** 3.96000003814697 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 881 LADY ELLEN PLACE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

Date 11/2/2009 **Elev** 76.8 (masl) **Easting** 441880 **Northing** 5025408
DDMMYY **Well_Depth_m:** 4.26999998092651 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Observation Wells
Water Found (mbgs) (masl)
Street 881 LADY ELLEN PLACE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0	76.8				
0.6	76.2	BROWN	FILL /	SAND	/ LOOSE
1.8	75.0	BROWN	SILT /	CLAY	/ DENSE
4.3	72.6	GREY	SILT /	CLAY	/ WATER-BEARING

7136554 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/2/2009 **Elev** 78.0 (masl) **Easting** 441869 **Northing** 5025341
DDMMYY **Well_Depth_m:** 4.88000011444092 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 881 LADY ELLEN PLACE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0	78.0				
0.6	77.4	BROWN	FILL /	STONES	/ LOOSE
3.1	74.9	BROWN	SILT /	SAND	/ DENSE
4.9	73.1	GREY	SILT /	SAND	/ STONES

7139974 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/14/2009 **Elev** 67.6 (masl) **Easting** 441295 **Northing** 5026966
DDMMYY **Well_Depth_m:** 6 **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street TWEENMUIR AT CLARE ST
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0	67.6				
0.2	67.4		/		/
	76.6		/		/
			/		/
	76.0		/		/
			/		/
	67.4		/		/
0.4	75.8	GREY	STONES /		/
		GREY	STONES /		/
	67.2	GREY	STONES /		/
	76.4	GREY	STONES /		/
		GREY	STONES /		/
	67.2	GREY	STONES /		/
1.4	75.4	BROWN	FILL /	SAND	/ SILT
		BROWN	FILL /	SAND	/ SILT
	74.8	BROWN	FILL /	SAND	/ SILT
		BROWN	FILL /	SAND	/ SILT
	66.2	BROWN	FILL /	SAND	/ SILT
		BROWN	FILL /	SAND	/ SILT
4.4	72.4	GREY	CLAY /	SILTY	/
	71.8	GREY	CLAY /	SILTY	/
	63.2	GREY	CLAY /	SILTY	/
		GREY	CLAY /	SILTY	/
	72.4	GREY	CLAY /	SILTY	/
	71.8	GREY	CLAY /	SILTY	/
6.0	70.8	GREY	ROCK /	LIMESTONE	/
		GREY	ROCK /	LIMESTONE	/
	70.2	GREY	ROCK /	LIMESTONE	/
		GREY	ROCK /	LIMESTONE	/
	61.6	GREY	ROCK /	LIMESTONE	/
		GREY	ROCK /	LIMESTONE	/

7147062 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 5/12/2010 **Elev** 78.8 (masl) **Easting** 441962 **Northing** 5025324
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1550 /1451 CARLING/COLDREY
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0	78.8				
4.3	74.5	BROWN	COARSE SAND /	GRAVEL	/ HARD
5.8	73.0	GREY	COARSE SAND /	GRAVEL	/ HARD

7147063 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 5/12/2010 **DDMMYY** **Elev** 78.2 (masl) **Easting** 441946 **Northing** 5025352
Well_Depth_m: 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1550 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0	78.2				
4.6	73.7	BROWN	COARSE SAND /	HARD	/ DRY
5.8	72.4	GREY	COARSE SAND /	GRAVEL	/ SILT

7149495 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 7/13/2010 **DDMMYY** **Elev** (masl) **Easting** 441701 **Northing** 5025233
Well_Depth_m: 9.14000034332275 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 1551 LAPERRIER STREET
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
2.1		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
	76.6	BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE
		BROWN	FILL /		/ LOOSE

2.1		BROWN	FILL /	/ LOOSE
		BROWN	FILL /	/ LOOSE
		BROWN	FILL /	/ LOOSE
		BROWN	FILL /	/ LOOSE
		BROWN	FILL /	/ LOOSE
		BROWN	FILL /	/ LOOSE
		BROWN	FILL /	/ LOOSE
9.1		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
	69.6	GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
	69.6	GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
	69.6	GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
	69.6	GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD
		GREY	LIMESTONE /	/ HARD

7150369 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/6/2010 **Elev** 79.1 (masl) **Easting** 441964 **Northing** 5025307
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1550 CARLING AVE.
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	79.1		
3.7	75.5	BROWN	GRAVEL / SAND / HARD
5.8	73.3	GREY	SILT / GRAVEL / HARD

7150370 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/6/2010 **Elev** 78.8 (masl) **Easting** 441977 **Northing** 5025324
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te
Water Found (mbgs) (masl)
Street 1550 CARLING AVE.
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.8		
3.7	75.1	BROWN	GRAVEL / SAND / HARD
5.8	73.0	GREY	SILT / GRAVEL / HARD

7150371 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/6/2010 **Elev** 78.4 (masl) **Easting** 441951 **Northing** 5025342
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1550 CARLING AVE.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.4		
3.7	74.8	BROWN	GRAVEL / SAND / HARD
5.8	72.7	GREY	SILT / GRAVEL / HARD

7150372 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/6/2010 **Elev** 78.3 (masl) **Easting** 441941 **Northing** 5025348
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1550 CARLING AVE.
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0	78.3		
3.7	74.7	BROWN	GRAVEL / SAND / HARD
5.8	72.6	GREY	SILT / GRAVEL / HARD

7151896 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/19/2010 **Elev** (masl) **Easting** 441696 **Northing** 5025220
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 2 **margin of error : 3 - 10 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 1551 LAPERRIER
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.6		GREY	GRAVEL / FILL / LOOSE

3.3		BROWN	SAND /		/ SOFT
5.8		GREY	LIMESTONE /		/ HARD

7154088 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/15/2010 **Elev** 79.1 (masl) **Easting** 441952 **Northing** 5025311
DDMMYY **Well_Depth_m:** 6.40000009536743 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1479 LAPIERIERRE ST.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0	79.1				
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

Date 10/15/2010 **Elev** 79.9 (masl) **Easting** 441956 **Northing** 5025274
DDMMYY **Well_Depth_m:** 7.32000017166138 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1479 LAPIERIERRE ST.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0	79.9				
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

Date 10/28/2010 **Elev** (masl) **Easting** 441395 **Northing** 5025187
DDMMYY **Well_Depth_m:** 7.01000022888184 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.6		BROWN	FILL /		/ SOFT
1.8		BROWN	CLAY /		/ WATER-BEARING
7.0		GREY	LIMESTONE /		/ HARD

7155920 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/28/2010 **Elev** (masl) **Easting** 441402 **Northing** 5025183
DDMMYY **Well_Depth_m:** 7.32000017166138 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE RD
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
1.2		BROWN	FILL /		/ DRY
2.1		BROWN	CLAY /		/ WATER-BEARING
7.3		GREY	LIMESTONE /		/ HARD

7155921 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/28/2010 **Elev** (masl) **Easting** 441376 **Northing** 5025142
DDMMYY **Well_Depth_m:** 3.96000003814697 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE ST
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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
DDMMYY **Well_Depth_m:** 7.01000022888184 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE ST
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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
DDMMYY **Well_Depth_m:** 2.44000005722046 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE RD
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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
DDMMYY **Well_Depth_m:** 2.44000005722046 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE RD
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
1.2		BROWN	SAND /		/ DRY
2.4		BROWN	SAND /		/ WATER-BEARING

7156015 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/23/2010 **Elev** (masl) **Easting** 441415 **Northing** 5025176
DDMMYY **Well_Depth_m:** 4.26719999313354 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
2.1		BROWN	SAND / CLAY / SOFT
4.3		GREY	LIMESTONE / SHALE / DENSE

7156016 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/24/2010 **Elev** (masl) **Easting** 441436 **Northing** 5025123
DDMMYY **Well_Depth_m:** 4.26719999313354 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Observation Wells
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
2.1		BROWN	SAND / CLAY /
4.3		GREY	LIMESTONE / /

7156734 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 11/24/2010 **Elev** (masl) **Easting** 441435 **Northing** 5025120
DDMMYY **Well_Depth_m:** 4.87680006027222 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
2.7		BROWN	SAND / CLAY /
4.9		GREY	LIMESTONE / /

7157811 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 12/1/2010 **Elev** (masl) **Easting** 441959 **Northing** 5025291
DDMMYY **Well_Depth_m:** 6.09999990463257 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1479 LAPIERRE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.9		BROWN	GRAVEL / SAND / SOFT
4.3		GREY	SAND / GRAVEL / SOFT
6.1		GREY	SAND / GRAVEL / WATER-BEARING

7157812 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 12/1/2010 **Elev** (masl) **Easting** 441965 **Northing** 5025269
DDMMYY **Well_Depth_m:** 6.09999990463257 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1479 LAPIERRE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

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

Date 12/1/2010 **Elev** (masl) **Easting** 441941 **Northing** 5025265
DDMMYY **Well_Depth_m:** 5.48999977111816 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 1479 LAPIERE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

Date 12/22/2010 **Elev** (masl) **Easting** 441259 **Northing** 5024978
DDMMYY **Well_Depth_m:** 7.61999988555908 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 877 BOYD AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

7159360 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 1/20/2011 **Elev** (masl) **Easting** 441275 **Northing** 5024968
DDMMYY **Well_Depth_m:** 7.61999988555908 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 877 BOYD AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
1.5		BROWN	SAND /	SILT	/ STONES
7.6		GREY	LIMESTONE /	HARD	/ DRY

7159361 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 1/20/2011 **Elev** (masl) **Easting** 441274 **Northing** 5024978
DDMMYY **Well_Depth_m:** 7.61999988555908 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 877 BOYD AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
1.5		BROWN	SAND /	SILT	/ STONES
7.6		GREY	LIMESTONE /	HARD	/ DRY

7160258 **Lot** 029 **Conc** 01 NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 2/3/2011 **Elev** (masl) **Easting** 440868 **Northing** 5025396
DDMMYY **Well_Depth_m:** **UTM RC** 3 **margin of error : 10 - 30 m**
/ Abandoned-Other
Water Found (mbgs) (masl)
Street 496 TILLBURY AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
			/		/

7162302 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 1/6/2011 **Elev** (masl) **Easting** 441138 **Northing** 5025180
DDMMYY **Well_Depth_m:** **UTM RC** 3 **margin of error : 10 - 30 m**
/
Water Found (mbgs) (masl)
Street
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
			/		/

7163794 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/26/2011 **Elev** (masl) **Easting** 441257 **Northing** 5024957
DDMMYY **Well_Depth_m:** 9.14000034332275 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 877 BOYD AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		BLACK	GRAVEL /	FILL	/ LOOSE
1.5		BROWN	SAND /	STONES	/ SOFT
9.1		GREY	LIMESTONE /		/ HARD

7163795 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/26/2011 **Elev** (masl) **Easting** 441258 **Northing** 5024959
DDMMYY **Well_Depth_m:** 9.14000034332275 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 877 BOYD AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		BLACK	GRAVEL / FILL / LOOSE
1.5		BROWN	SAND / STONES / SOFT
9.1		GREY	LIMESTONE / / HARD

7163796 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/26/2011 **Elev** (masl) **Easting** 441274 **Northing** 5024980
DDMMYY **Well_Depth_m:** 9.14000034332275 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 877 BOYD AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		BLACK	GRAVEL / FILL / LOOSE
1.5		BROWN	SAND / STONES / SOFT
9.1		GREY	LIMESTONE / / HARD

7163797 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/26/2011 **Elev** (masl) **Easting** 441276 **Northing** 5024979
DDMMYY **Well_Depth_m:** 9.14000034332275 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 877 BOYD AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		BLACK	GRAVEL / FILL / LOOSE
1.5		BROWN	SAND / STONES / SOFT
9.1		GREY	LIMESTONE / / HARD

7163798 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/26/2011 **Elev** (masl) **Easting** 441280 **Northing** 5024973
DDMMYY **Well_Depth_m:** 9.14000034332275 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 877 BOYD AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		BLACK	GRAVEL / FILL / LOOSE
1.5		BROWN	SAND / STONES / SOFT
9.1		GREY	LIMESTONE / / HARD

7166658 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 7/6/2011 **Elev** (masl) **Easting** 441565 **Northing** 5025543
DDMMYY **Well_Depth_m:** **UTM RC** 3 **margin of error : 10 - 30 m**
/
Water Found (mbgs) (masl)
Street
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				

/ /

7171580 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/22/2011 **Elev** (masl) **Easting** 441429 **Northing** 5025075
DDMMYY **Well_Depth_m:** **UTM RC** 3 **margin of error : 10 - 30 m**
/
Water Found (mbgs) (masl)
Street
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				

/ /

7172118 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/15/2011 **Elev** (masl) **Easting** 441395 **Northing** 5025150
DDMMYY **Well_Depth_m:** 4.26999998092651 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				
2.4		BROWN	SAND / SOFT	/ DRY
4.3		GREY	LIMESTONE /	/ FRACTURED

7172119 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/16/2011 **Elev** (masl) **Easting** 441390 **Northing** 5025188
DDMMYY **Well_Depth_m:** 4.26999998092651 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				
0.3		BROWN	/	/ CEMENTED
2.1		BROWN	SAND / SOFT	/ DRY
4.3		GREY	LIMESTONE /	/ HARD

7172120 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/19/2011 **Elev** (masl) **Easting** 441397 **Northing** 5025109
DDMMYY **Well_Depth_m:** 4.88000011444092 **UTM RC** 3 **margin of error : 10 - 30 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				
1.8		BROWN	SAND / STONES	/
2.9		GREY	CLAY / SAND	/

4.9 GREY LIMESTONE / /

7172121 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/19/2011 **Elev** (masl) **Easting** 441425 **Northing** 5025089
DDMMYY **Well_Depth_m:** 4.57000017166138 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
1.8		BROWN	SAND /		/
2.4		GREY	CLAY /	SAND	/
4.6		GREY	LIMESTONE /		/

7172122 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/23/2011 **Elev** (masl) **Easting** 441394 **Northing** 5025159
DDMMYY **Well_Depth_m:** 4.88000011444092 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
2.7		BROWN	SAND /	SOFT	/ DRY
4.9		GREY	LIMESTONE /	HARD	/ FRACTURED

7172199 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/15/2011 **Elev** (masl) **Easting** 441398 **Northing** 5025161
DDMMYY **Well_Depth_m:** 4.57000017166138 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
2.5		BROWN	SAND /	SOFT	/ DRY
4.6		GREY	LIMESTONE /		/ FRACTURED

7175486 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/7/2011 **Elev** (masl) **Easting** 441151 **Northing** 5025090
DDMMYY **Well_Depth_m:** 7.92479991912842 **UTM RC** 3 **margin of error : 10 - 30 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 836 BOYD STREET
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
2.1		BROWN	SAND /		/ LOOSE
7.9		GREY	LIMESTONE /	CLAY	/ LAYERED

7180632 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 2/11/2012 **Elev** (masl) **Easting** 441396 **Northing** 5025184
DDMMYY **Well_Depth_m:** 12.1499996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
1.5		BROWN	FILL /	GRAVEL	/ SAND
12.1		GREY	LIMESTONE /		/ FRACTURED

7180633 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 2/6/2012 **Elev** (masl) **Easting** 441415 **Northing** 5025186
DDMMYY **Well_Depth_m:** 11.8900003433228 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

Date 2/25/2012 **Elev** (masl) **Easting** 441426 **Northing** 5025197
DDMMYY **Well_Depth_m:** 12.1800003051758 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.6		BROWN	GRAVEL /	SAND	/ SOFT
12.2		GREY	LIMESTONE /		/ FRACTURED

7180635 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 2/8/2012 **Elev** (masl) **Easting** 441439 **Northing** 5025098
DDMMYY **Well_Depth_m:** 11.8900003433228 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
		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

11.9 / /

7180636 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 2/9/2012 **Elev** (masl) **Easting** 441417 **Northing** 5025076
DDMMYY **Well_Depth_m:** 12.5 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

Date 2/9/2012 **Elev** (masl) **Easting** 441425 **Northing** 5025194
DDMMYY **Well_Depth_m:** 11.8900003433228 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

Date 1/5/2012 **Elev** (masl) **Easting** 441573 **Northing** 5025539
DDMMYY **Well_Depth_m:** 5.03000020980835 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Test Hole Observation Wells
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.2			GRAVEL /	FILL	/
0.9		BROWN	SAND /	FILL	/
1.4			/		/ CEMENTED
5.0			LIMESTONE /	ROCK	/

7183403 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 2/7/2012 **Elev** (masl) **Easting** 441382 **Northing** 5025209
DDMMYY **Well_Depth_m:** 11.8900003433228 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					

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

Date 2/7/2012 **Elev** (masl) **Easting** 441417 **Northing** 5025199 **UTM RC** 4

DDMMYY **Well_Depth_m:** 11.8900003433228 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
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

Date 5/24/2012 **Elev** (masl) **Easting** 441509 **Northing** 5025533 **UTM RC** 4

DDMMYY **Well_Depth_m:** **margin of error : 30 m - 100 m**

/

Water Found (mbgs) (masl)

Street

Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
			/		/

7197302 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 1/14/2013 **Elev** (masl) **Easting** 441260 **Northing** 5025005 **UTM RC** 4

DDMMYY **Well_Depth_m:** 7.61999988555908 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 361 BOYD AVE.

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.9		BROWN	SAND /	GRAVEL	/ SOFT
7.6		GREY	LIMESTONE /		/ FRACTURED

7197303 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 1/14/2013 **Elev** (masl) **Easting** 441253 **Northing** 5025001 **UTM RC** 4

DDMMYY **Well_Depth_m:** 10.0600004196167 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 861 BOYD AVE.

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
1.5		BROWN	SAND /	GRAVEL	/ SOFT

10.1 GREY LIMESTONE / / FRACTURED

7201038 **Lot** **Conc** 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)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 904 LADY ELLEN PLACE
Town/City OTTAWA

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
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

Date 5/10/2012 **Elev** (masl) **Easting** 441162 **Northing** 5025068 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

/ /

7205398 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/28/2013 **Elev** (masl) **Easting** 441520 **Northing** 5025537 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

/ /

7206030 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 12/10/2012 **Elev** (masl) **Easting** 441253 **Northing** 5025215 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

/ /

7207538 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 7/24/2013 **Elev** (masl) **Easting** 441517 **Northing** 5025562 **Flowing?**
DDMMYY **Well_Depth_m:** 4.88000011444092 **UTM RC** 5 **margin of error : 100 m - 300 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 727 CHURCHILL AVE.
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.9		BROWN	SAND / /
1.5		WHITE	LIMESTONE / /

Depth (m)	Color	Soil Descriptions		
4.9	WHITE	LIMESTONE /		/

7207539 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 7/24/2013 **DDMMYY** **Elev** (masl) **Easting** 441515 **Northing** 5025562

Well_Depth_m: 5.17999982833862 **UTM RC** 5 **margin of error : 100 m - 300 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 727 CHURCHILL AVE.

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
1.2		BROWN	SAND /	SOFT	/ DRY
1.8		WHITE	LIMESTONE /	HARD	/ WEATHERED
5.2		WHITE	LIMESTONE /		/

7220405 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/8/2014 **DDMMYY** **Elev** (masl) **Easting** 441355 **Northing** 5025177

Well_Depth_m: 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.9		BROWN	FILL /		/
2.1		BROWN	SAND /	GRAVEL	/
3.7		GREY	LIMESTONE /		/

7220406 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/8/2014 **DDMMYY** **Elev** (masl) **Easting** 441357 **Northing** 5025175

Well_Depth_m: 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.9		BROWN	FILL /		/
2.1		BROWN	SAND /	GRAVEL	/
3.7		GREY	LIMESTONE /		/

7220407 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/11/2014 **DDMMYY** **Elev** (masl) **Easting** 441368 **Northing** 5025202

Well_Depth_m: 6.09999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Dewatering

Water Found (mbgs) (masl)

Street 861 CLYDE AVE

Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	/	GRAVEL	/ LOOSE
2.1		BLACK	SAND /	SILT	/ SOFT
6.1		GREY	LIMESTONE /		/ LAYERED

7220408 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 4/10/2014 **Elev** (masl) **Easting** 441370 **Northing** 5025205
DDMMYY **Well_Depth_m:** 3.34999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.9		BROWN	SAND /		/
2.1		BROWN	SAND /	CLAY	/
3.3		GREY	LIMESTONE /		/

7220409 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/10/2014 **Elev** (masl) **Easting** 441413 **Northing** 5025100
DDMMYY **Well_Depth_m:** 6.09999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**
/
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		BLACK	TOPSOIL /		/ SOFT
2.1		BLACK	SAND /	SILT	/ SOFT
6.1		GREY	LIMESTONE /		/ LAYERED

7220435 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/10/2014 **Elev** (masl) **Easting** 441368 **Northing** 5025203
DDMMYY **Well_Depth_m:** 3.34999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.9		BROWN	SAND /		/
2.1		BROWN	SAND /	CLAY	/
3.3		GREY	LIMESTONE /		/

7220436 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/10/2014 **Elev** (masl) **Easting** 441372 **Northing** 5025205
DDMMYY **Well_Depth_m:** 3.34999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.9		BROWN	SAND /		/
2.1		BROWN	SAND /	CLAY	/
3.3		GREY	LIMESTONE /		/

7220437 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/10/2014 **Elev** (masl) **Easting** 441370 **Northing** 5025205
DDMMYY **Well_Depth_m:** 3.34999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CKYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.9		BROWN	SAND /		/
2.1		BROWN	SAND /	CLAY	/
3.3		GREY	LIMESTONE /		/

7220438 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/10/2014 **Elev** (masl) **Easting** 441373 **Northing** 5025200
DDMMYY **Well_Depth_m:** 3.34999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.9		BROWN	SAND /		/
2.1		BROWN	SAND /	CLAY	/
3.3		GREY	LIMESTONE /		/

7220439 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/9/2014 **Elev** (masl) **Easting** 441411 **Northing** 5025109
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
2.1		BROWN	SAND /	CLAY	/
3.7		GREY	LIMESTONE /		/

7220440 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/9/2014 **Elev** (masl) **Easting** 441414 **Northing** 5025108
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
2.1		BROWN	SAND /	CLAY	/
3.7		GREY	/		/

7220441 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/9/2014 **Elev** (masl) **Easting** 441418 **Northing** 5025104 **Flowing?**
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
2.1		BROWN	SAND /	CLAY	/
3.7		GREY	LIMESTONE /		/

7220442 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/9/2014 **Elev** (masl) **Easting** 441412 **Northing** 5025102 **Flowing?**
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
2.1		BROWN	SAND /	CLAY	/
3.7		GREY	LIMESTONE /		/

7220443 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/9/2014 **Elev** (masl) **Easting** 441411 **Northing** 5025102 **Flowing?**
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
2.1		BROWN	SAND /	CLAY	/
3.7		GREY	LIMESTONE /		/

7220444 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/8/2014 **Elev** (masl) **Easting** 441358 **Northing** 5025185 **Flowing?**
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.9		BROWN	FILL /		/
2.1		BROWN	SAND /	GRAVEL	/
3.7		GREY	LIMESTONE /		/

7220446 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 4/8/2013 **Elev** (masl) **Easting** 441354 **Northing** 5025176 **Flowing?**
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Test Hole

Water Found (mbgs) (masl)

Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					

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

7223403 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/30/2012 **DDMMYY** | **Elev** (masl) **Easting** 441620 **Northing** 5024999 | **Well_Depth_m:** 7.86999988555908 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring Observation Wells

Water Found 4.3 (mbgs) (masl) Untested

Street 1584 LAPERRIERE AVE.

Town/City OTTAWA

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
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

Date 6/24/2014 **DDMMYY** | **Elev** (masl) **Easting** 441549 **Northing** 5025555 | **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 1599 CARLING AVE.

Town/City Ottawa

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225495 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/24/2014 **DDMMYY** | **Elev** (masl) **Easting** 441576 **Northing** 5025547 | **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 1599 CARLING AVE.

Town/City Ottawa

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225496 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **DDMMYY** | **Elev** (masl) **Easting** 441556 **Northing** 5025536 | **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)

Street 1599 CARLING AVE.

Town/City Ottawa

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225497 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441526 **Northing** 5025541
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0				/	/

7225498 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441547 **Northing** 5025529
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0				/	/

7225562 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441564 **Northing** 5025557
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225563 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441554 **Northing** 5025542
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225564 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/25/2014 **Elev** (masl) **Easting** 441536 **Northing** 5025543
DDMMYY **Well_Depth_m:** 5.78999996185303 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE

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

7225565 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/23/2014 **Elev** (masl) **Easting** 441535 **Northing** 5025543
DDMMYY **Well_Depth_m:** 8.22000026702881 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
8.2		GREY	LIMESTONE /		/ LAYERED

7225566 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/23/2014 **Elev** (masl) **Easting** 441538 **Northing** 5025547
DDMMYY **Well_Depth_m:** 8.22000026702881 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.8		BROWN	SAND /	GRAVEL	/ LOOSE
8.2		GREY	LIMESTONE /		/ LAYERED

7225567 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441537 **Northing** 5025543
DDMMYY **Well_Depth_m:** 3.96000003814697 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
3.1		BROWN	SAND /	GRAVEL	/ LOOSE
4.0		GREY	GRAVEL /	SAND	/ DENSE

7225568 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441569 **Northing** 5025562
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225569 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441562 **Northing** 5025539
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225570 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441553 **Northing** 5025548
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225571 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/24/2014 **Elev** (masl) **Easting** 441541 **Northing** 5025552
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7225572 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/20/2014 **Elev** (masl) **Easting** 441546 **Northing** 5025337
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /	SAND	/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ SOFT
5.2		GREY	LIMESTONE /		/ SOFT

7225573 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/23/2014 **Elev** (masl) **Easting** 441555 **Northing** 5025536
DDMMYY **Well_Depth_m:** 8.22000026702881 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
8.2		GREY	LIMESTONE /		/ LAYERED

7225574 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/20/2014 **Elev** (masl) **Easting** 441541 **Northing** 5025546
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BROWN	TOPSOIL /		/ SOFT
1.8		BROWN	SAND /	GRAVEL	/ SOFT
5.2		GREY	LIMESTONE /		/ LAYERED

7225575 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/20/2014 **Elev** (masl) **Easting** 441568 **Northing** 5025569
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.6		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ SOFT
3.7		GREY	GRAVEL /	SAND	/ SOFT

7225576 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/20/2014 **Elev** (masl) **Easting** 441558 **Northing** 5025568
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m**
/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BROWN	TOPSOIL /		/ SOFT
1.8		BROWN	SAND /	GRAVEL	/ SOFT
5.2		GREY	LIMESTONE /		/ LAYERED

7225577 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/20/2014 **Elev** (masl) **Easting** 441548 **Northing** 5025555 **Flowing?**
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ SOFT
5.2		GREY	LIMESTONE /		/ SOFT

7225578 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/24/2014 **Elev** (masl) **Easting** 441541 **Northing** 5025546 **Flowing?**
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Monitoring and Test Hole

Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		GREY	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ LOOSE
5.2		GREY	LIMESTONE /		/ LAYERED

7233791 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441577 **Northing** 5025558 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other

Water Found (mbgs) (masl)
Street 1599 CORLINS AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					

/ /

7233792 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441556 **Northing** 5025557 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other

Water Found (mbgs) (masl)
Street 1599 CORLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					

/ /

7233793 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441549 **Northing** 5025553 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other

Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					

/ /

7233794 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441568 **Northing** 5025551 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7233795 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441538 **Northing** 5025548 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7233796 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441576 **Northing** 5025561 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7233797 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441534 **Northing** 5025535 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7233798 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441535 **Northing** 5025530 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7233799 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441536 **Northing** 5025525 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				/ /

7233800 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441539 **Northing** 5025525 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				/ /

7233801 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/25/2014 **Elev** (masl) **Easting** 441525 **Northing** 5025540 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Other Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				/ /

7233802 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441577 **Northing** 5025558 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions	
0.0				/ /

7233889 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 10/28/2014 **Elev** (masl) **Easting** 441527 **Northing** 5025544 **Flowing?**
DDMMYY **Well_Depth_m:** 1.53314411640167 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Monitoring and Te Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.1		GREY	GRAVEL /		/ LOOSE
0.6		BROWN	CLAY /	SAND	/ GRAVEL
1.5		GREY	LIMESTONE /		/ LAYERED

7235388 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 11/25/2014 **Elev** (masl) **Easting** 441385 **Northing** 5025167 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ **Depth (m)** **Elev (masl)**
Water Found (mbgs) (masl) 0.0 **Color** **Soil Descriptions**
Street
Town/City

/ /

7239603 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441572 **Northing** 5025537 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
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 CARLING AVE
Town/City Ottawa

/ /

7239604 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/18/2015 **Elev** (masl) **Easting** 441575 **Northing** 5025542 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
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 CARLING AVE
Town/City Ottawa

/ /

7239605 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441575 **Northing** 5025542 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
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 CARLING AVE
Town/City Ottawa

/ /

7239606 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/13/2015 **Elev** (masl) **Easting** 441577 **Northing** 5025543 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
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 CARLING AVE
Town/City Ottawa

/ /

7239607 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **DDMMYY** | **Elev** (masl) **Well_Depth_m:** | **Easting** 441576 **UTM RC** 4 | **Northing** 5025543 **margin of error : 30 m - 100 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 1599 CARLING AVE

Town/City Ottawa

Depth (m) **Elev (masl)**

0.0

Color **Soil Descriptions**

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

/ /

7239608 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/13/2015 **DDMMYY** | **Elev** (masl) **Well_Depth_m:** | **Easting** 441512 **UTM RC** 4 | **Northing** 5025564 **margin of error : 30 m - 100 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 1599 CARLING AVE

Town/City OTTAWA

Depth (m) **Elev (masl)**

0.0

Color **Soil Descriptions**

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

/ /

7239609 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/13/2015 **DDMMYY** | **Elev** (masl) **Well_Depth_m:** | **Easting** 441547 **UTM RC** 4 | **Northing** 5025556 **margin of error : 30 m - 100 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 1599 CARLING AVE

Town/City Ottawa

Depth (m) **Elev (masl)**

0.0

Color **Soil Descriptions**

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

/ /

7239610 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **DDMMYY** | **Elev** (masl) **Well_Depth_m:** | **Easting** 441517 **UTM RC** 4 | **Northing** 5025551 **margin of error : 30 m - 100 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 1599 CARLING AVE

Town/City Ottawa

Depth (m) **Elev (masl)**

0.0

Color **Soil Descriptions**

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

/ /

7239611 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/13/2015 **DDMMYY** | **Elev** (masl) **Well_Depth_m:** | **Easting** 441575 **UTM RC** 4 | **Northing** 5025529 **margin of error : 30 m - 100 m**

/ Abandoned-Other

Water Found (mbgs) (masl)

Street 1599 CARLING AVE

Town/City

Depth (m) **Elev (masl)**

0.0

Color **Soil Descriptions**

Flowing?

SWL (mbgs) (masl)

Pumping WL (mbgs) (masl)

Pump Rate (LPM) /

Spec. Cap. (LPM/m) Hr / Min

/ /

7239628 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441572 **Northing** 5025537 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7239653 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441522 **Northing** 5025544 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7239654 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441522 **Northing** 5025533 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7239655 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/13/2015 **Elev** (masl) **Easting** 441581 **Northing** 5025531 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7239656 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441524 **Northing** 5025533 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

/ /

7239657 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441532 **Northing** 5025533
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7239658 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441536 **Northing** 5025527
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7239794 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441533 **Northing** 5025530
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLINS AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7239795 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441573 **Northing** 5025534
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7239796 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441571 **Northing** 5025543
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Color **Soil Descriptions**

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7239797 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441572 **Northing** 5025537
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7239798 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441572 **Northing** 5025537
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7240874 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/12/2015 **Elev** (masl) **Easting** 441366 **Northing** 5025144
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ /

7243546 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/20/2015 **Elev** (masl) **Easting** 441557 **Northing** 5025555
DDMMYY **Well_Depth_m:** 5.48999977111816 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		GREY	GRAVEL / LOOSE /
1.8		BROWN	SAND / GRAVEL / SOFT
5.5		GREY	SHALE / LIMESTONE / LAYERED

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

7243547 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/28/2015 **Elev** (masl) **Easting** 441551 **Northing** 5025534
DDMMYY **Well_Depth_m:** 5.48999977111816 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		GREY	GRAVEL / LOOSE /
1.8		BROWN	SAND / GRAVEL / SOFT
5.5		GREY	SHALE / LIMESTONE / LAYERED

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

7243548 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/28/2015 **Elev** (masl) **Easting** 441535 **Northing** 5025547
DDMMYY **Well_Depth_m:** 3.66000008583069 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /	LOOSE	/
1.8		BROWN	SAND /	GRAVEL	/ SOFT
3.7		GREY	GRAVEL /	LOOSE	/

7243549 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/27/2015 **Elev** (masl) **Easting** 441559 **Northing** 5025565
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /	LOOSE	/
2.7		BROWN	SAND /	GRAVEL	/ SOFT
14.0		GREY	SHALE /	LIMESTONE	/ LAYERED

7243550 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/27/2015 **Elev** (masl) **Easting** 441573 **Northing** 5025558
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m**

Test Hole / Monitoring Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /	LOOSE	/
3.1		BROWN	SAND /	GRAVEL	/ SOFT
14.0		GREY	SHALE /	LIMESTONE	/ LAYERED

7243551 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/27/2015 **Elev** (masl) **Easting** 441576 **Northing** 5025550
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		GREY	GRAVEL /	LOOSE	/
3.1		BROWN	SAND /	GRAVEL	/ SOFT
14.0		GREY	SHALE /	LIMESTONE	/ LAYERED

7243553 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/25/2015 **Elev** (masl) **Easting** 441531 **Northing** 5025547 **Flowing?**
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color			Soil Descriptions	
0.0						
0.3		GREY	GRAVEL	/	LOOSE	/
2.1		BROWN	SAND	/	GRAVEL	/ SOFT
14.0		GREY	SHALE	/	LIMESTONE	/ LAYERED

7243554 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/25/2015 **Elev** (masl) **Easting** 441546 **Northing** 5025557 **Flowing?**
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Observation Wells
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color			Soil Descriptions	
0.0						
0.3		GREY	GRAVEL	/	LOOSE	/
2.1		BROWN	SAND	/	GRAVEL	/ SOFT
14.0		GREY	SHALE	/	LIMESTONE	/ LAYERED

7243555 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/26/2015 **Elev** (masl) **Easting** 441534 **Northing** 5025525 **Flowing?**
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color			Soil Descriptions	
0.0						
0.3		GREY	GRAVEL	/	LOOSE	/
2.1		BROWN	SAND	/	GRAVEL	/ SOFT
14.0		GREY	SHALE	/	LIMESTONE	/ LAYERED

7243556 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/26/2015 **Elev** (masl) **Easting** 441548 **Northing** 5025553 **Flowing?**
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE
Town/City OTTAWA

Depth (m)	Elev (masl)	Color			Soil Descriptions	
0.0						
0.3		GREY	GRAVEL	/	LOOSE	/
2.7		BROWN	SAND	/	GRAVEL	/ SOFT
14.0		GREY	SHALE	/	LIMESTONE	/ LAYERED

7243557 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 5/29/2015 **Elev** (masl) **Easting** 441551 **Northing** 5025539 **Flowing?**
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Test Hole
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color		Soil Descriptions	
0.0					
0.3		GREY	GRAVEL /	LOOSE	/
2.7		BROWN	SAND /	GRAVEL	/ SOFT
14.0		GREY	SHALE /	LIMESTONE	/ LAYERED

7245027 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/8/2015 **Elev** (masl) **Easting** 441373 **Northing** 5025174 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Abandoned-Other
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7245028 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/8/2015 **Elev** (masl) **Easting** 441373 **Northing** 5025174 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Abandoned-Other
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7245029 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 6/8/2015 **Elev** (masl) **Easting** 441391 **Northing** 5025158 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Abandoned-Other
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7246035 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 6/26/2015 **Elev** (masl) **Easting** 441393 **Northing** 5025168 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 861 CLYDE AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7246036 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 6/26/2015 **Elev** (masl) **Easting** 441396 **Northing** 5025153 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 861 CLYDE AVE.
Town/City OTTAWA

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

/ /

7246037 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 6/26/2015 **Elev** (masl) **Easting** 441387 **Northing** 5025148 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

/ /

7249315 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 3/13/2015 **Elev** (masl) **Easting** 441521 **Northing** 5025530 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1599 CARLING AVE.
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			

/ /

7256626 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/7/2015 **Elev** (masl) **Easting** 441436 **Northing** 5025109 **Flowing?**
DDMMYY **Well_Depth_m:** 5.63880014419556 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Not Used / Other Test Hole
Water Found (mbgs) (masl)
Street 861 CLYDE AV
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
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

Date 10/7/2015 **Elev** (masl) **Easting** 441437 **Northing** 5025118 **Flowing?**
DDMMYY **Well_Depth_m:** 2.43840003013611 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Test Hole / Other Other Status
Water Found (mbgs) (masl)
Street 861 CLYDE AV
Town/City Ottawa

Depth (m)	Elev (masl)	Color	Soil Descriptions
0.0			
0.3		GREY	/ GRAVEL / HARD
1.2		GREY	SILT / CLAY / MEDIUM SAND

					2.4	GREY	SILT /	MEDIUM SAND	/ CLAY	

7260240 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 2/23/2016 **Elev** (masl) **Easting** 441438 **Northing** 5025110 **Flowing?**
DDMMYY **Well_Depth_m:** 5.17999982833862 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Test Hole Observation Wells
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Depth (m)	Elev (masl)	Color			
0.0		**Color**	**Soil Descriptions**		
1.2		BROWN	SAND /	GRAVEL	/ SOFT
2.7		BROWN	SAND /		/ SOFT
5.2		GREY	LIMESTONE /		/

7260241 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 2/23/2016 **Elev** (masl) **Easting** 441440 **Northing** 5025107 **Flowing?**
DDMMYY **Well_Depth_m:** 4.86999988555908 **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Monitoring / Municipal Observation Wells
Water Found (mbgs) (masl)
Street 861 CLYDE AVE
Town/City OTTAWA

Depth (m)	Elev (masl)	Color			
0.0		**Color**	**Soil Descriptions**		
1.2		BROWN	SAND /	GRAVEL	/ SOFT
2.7		BROWN	SAND /		/ SOFT
4.9		GREY	LIMESTONE /	SHALE	/

7263433 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 3/23/2016 **Elev** (masl) **Easting** 441674 **Northing** 5025120 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color			
0.0		**Color**	**Soil Descriptions**		
			/		/

7267056 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/20/2015 **Elev** (masl) **Easting** 441394 **Northing** 5025094 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color			
0.0		**Color**	**Soil Descriptions**		
			/		/

7267058 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 10/27/2015 **Elev** (masl) **Easting** 441397 **Northing** 5025063 **Flowing?**
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m** **SWL** (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m)	Elev (masl)	Color			
0.0		**Color**	**Soil Descriptions**		

7269071 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441552 **Northing** 5025566
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1575 CARLINS AVE.
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Flowing? / /
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
Color **Soil Descriptions**

7269072 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441556 **Northing** 5025569
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 1575 CARLING AVE.
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Flowing? / /
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
Color **Soil Descriptions**

7269073 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441524 **Northing** 5025553
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Abandoned-Other
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Flowing? / /
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
Color **Soil Descriptions**

7269074 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441521 **Northing** 5025572
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Abandoned-Other
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Flowing? / /
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
Color **Soil Descriptions**

7269075 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441535 **Northing** 5025554
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Abandoned-Other
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Depth (m) **Elev (masl)**
0.0

Flowing? / /
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min
Color **Soil Descriptions**

7269076 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441520 **Northing** 5025550
DDMMYY **Well_Depth_m:** 6.09999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ HARD
1.5		BROWN	FILL /	SAND	/ GRAVEL
6.1		GREY	LIMESTONE /		/ HARD

7269077 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/4/2016 **Elev** (masl) **Easting** 441521 **Northing** 5025550
DDMMYY **Well_Depth_m:** 6.09999990463257 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ HARD
1.5		BROWN	FILL /	SAND	/ GRAVEL
6.1		GREY	LIMESTONE /		/ HARD

7269113 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/5/2016 **Elev** (masl) **Easting** 441532 **Northing** 5025553
DDMMYY **Well_Depth_m:** 14.1700000762939 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	SAND /		/ HARD
1.8		BROWN	SAND /	GRAVEL	/ SOFT
14.2		GREY	LIMESTONE /		/ HARD

7269114 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/5/2016 **Elev** (masl) **Easting** 441524 **Northing** 5025550
DDMMYY **Well_Depth_m:** 14.0900001525879 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	SAND /		/ HARD
1.5		BROWN	SAND /	GRAVEL	/ SOFT
14.1		GREY	LIMESTONE /		/ HARD

7269115 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/6/2016 **Elev** (masl) **Easting** 441550 **Northing** 5025563
DDMMYY **Well_Depth_m:** 20.7999992370605 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ HARD
1.2		BROWN	SAND /	GRAVEL	/ HARD
20.8		GREY	LIMESTONE /		/ HARD

7269116 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/7/2016 **Elev** (masl) **Easting** 441520 **Northing** 5025556
DDMMYY **Well_Depth_m:** 15.2399997711182 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ LOOSE
1.5		BROWN	SAND /	GRAVEL	/ SOFT
15.2		GREY	ROCK /	LIMESTONE	/ HARD

7269117 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/8/2016 **Elev** (masl) **Easting** 441561 **Northing** 5025573
DDMMYY **Well_Depth_m:** 7.61999988555908 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ DENSE
1.5		BROWN	SAND /	GRAVEL	/ GRAVEL
7.6		GREY	LIMESTONE /		/ LAYERED

7269118 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/6/2016 **Elev** (masl) **Easting** 441553 **Northing** 5025560
DDMMYY **Well_Depth_m:** 13.8599996566772 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ HARD
2.1		BROWN	SAND /	GRAVEL	/ SOFT
13.9		GREY	LIMESTONE /		/ HARD

7269119 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 7/7/2016 **Elev** (masl) **Easting** 441538 **Northing** 5025562
DDMMYY **Well_Depth_m:** 14.0200004577637 **UTM RC** 5 **margin of error : 100 m - 300 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING
Town/City OTTAWA

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ HARD
1.5		BROWN	SAND /	GRAVEL	/ SOFT
14.0		GREY	LIMESTONE /		/ HARD

7269120 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 7/8/2016 **Elev** (masl) **Easting** 441538 **Northing** 5025555
DDMMYY **Well_Depth_m:** 14.0299997329712 **UTM RC** 4 **margin of error : 30 m - 100 m**

Monitoring / Test Hole Monitoring and Test Hole
Water Found (mbgs) (masl)
Street 1575 CARLING AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
0.3		BLACK	GRAVEL /		/ DENSE
2.1		BROWN	SAND /	GRAVEL	/ SOFT
14.0		GREY	LIMESTONE /		/ LAYERED

7270130 **Lot** **Conc** NEPEAN TOWNSHIP / OTTAWA-CARLETON

Date 12/23/2015 **Elev** (masl) **Easting** 441159 **Northing** 5025077
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/ Abandoned-Other
Water Found (mbgs) (masl)
Street 842 BOYD AVENUE
Town/City Ottawa

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7271919 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/10/2016 **Elev** (masl) **Easting** 441388 **Northing** 5025142
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7271920 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/10/2016 **Elev** (masl) **Easting** 441400 **Northing** 5025186
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street
Town/City

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Depth (m)	Elev (masl)	Color	Soil Descriptions		
0.0					
				/	/

7271921 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/11/2016 **Elev** (masl) **Easting** 441434 **Northing** 5025110
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m) **Elev (masl)**
0.0

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Color **Soil Descriptions**

/ /

7271922 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/11/2016 **Elev** (masl) **Easting** 441435 **Northing** 5025115
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m) **Elev (masl)**
0.0

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Color **Soil Descriptions**

/ /

7271923 **Lot** **Conc** OTTAWA CITY / OTTAWA-CARLETON

Date 8/10/2016 **Elev** (masl) **Easting** 441438 **Northing** 5025120
DDMMYY **Well_Depth_m:** **UTM RC** 4 **margin of error : 30 m - 100 m**

/
Water Found (mbgs) (masl)
Street
Town/City

Depth (m) **Elev (masl)**
0.0

Flowing?
SWL (mbgs) (masl)
Pumping WL (mbgs) (masl)
Pump Rate (LPM) /
Spec. Cap. (LPM/m) Hr / Min

Color **Soil Descriptions**

/ /

Appendix B – Borehole Logs

LIGHT COMMERCIAL

CARLING AVENUE

COMMERCIAL

CLYDE AVENUE

AUTO DEALERSHIP

1666 CARLING AVENUE
(TURPIN PONTIAC BUICK)

1650 CARLING AVENUE
(SATURN)

PETROLEUM PRODUCT
IN GROUNDWATER

BH G1
BH G2
BH G3
MW G4
(96.20)
BH G5
BH G6
BH G7
BH G8
BH G9
BH G10
BH G11
BH G12
(97.30)
MW E8
(96.60)
BH E1
BH E2
BH E3
BH E4
BH E5
BH E6
BH E7
BH E9
BH E10
MW E11
(96.50)
BH E12
MW E13
(97.20)
MW E14

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
O	FRACTION 3 PHC SOIL EXCEEDENCE

Source: Turpin Group inc.

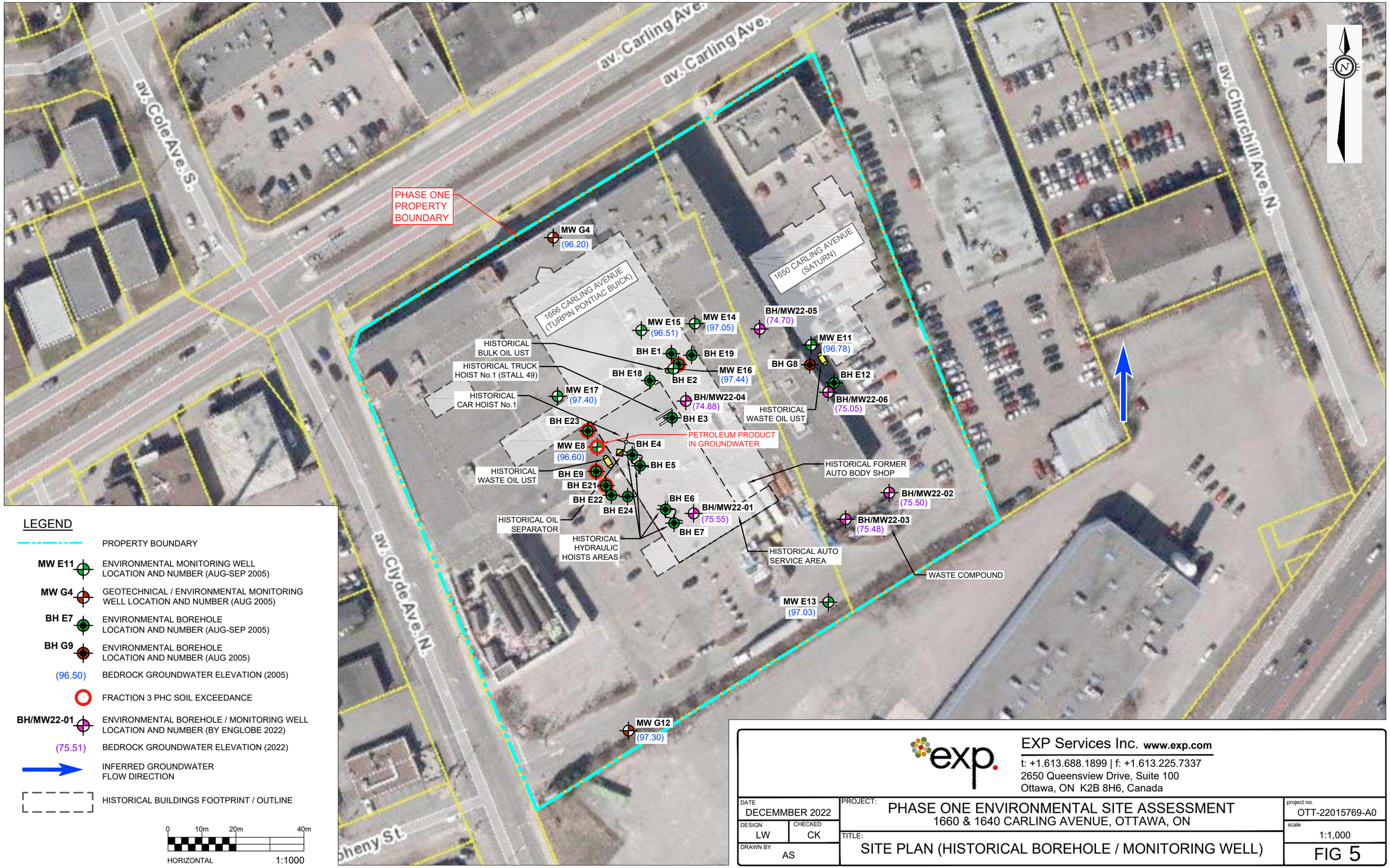
Trow Associates Inc.
154 Colonnade Road South, Ottawa, Ontario K2E 7J5
Tel: (613) 225-9940
Fax: (613) 225-7337

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



LEGEND

- PROPERTY BOUNDARY
- MW E11 — ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG-SEP 2005)
- MW G4 — GEOTECHNICAL / ENVIRONMENTAL MONITORING WELL LOCATION AND NUMBER (AUG 2005)
- BH E7 — ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG-SEP 2005)
- BH G9 — ENVIRONMENTAL BOREHOLE LOCATION AND NUMBER (AUG 2005)
- (96.50) — BEDROCK GROUNDWATER ELEVATION (2005)
- FRACTION 3 PHC SOIL EXCEEDANCE
- BH/MW22-01 — ENVIRONMENTAL BOREHOLE / MONITORING WELL LOCATION AND NUMBER (BY ENGLOBE 2022)
- (75.51) — BEDROCK GROUNDWATER ELEVATION (2022)
- INFERRED GROUNDWATER FLOW DIRECTION
- HISTORICAL BUILDINGS FOOTPRINT / OUTLINE

0 10m 20m 40m

HORIZONTAL 1:1000

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: DECEMMBER 2022	PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 1660 & 1640 CARLING AVENUE, OTTAWA, ON		project no. OTT-22015769-A0
DESIGN: LW / CHECKED: CK			scale 1:1,000
DRAWN BY: AS	TITLE: SITE PLAN (HISTORICAL BOREHOLE / MONITORING WELL)		FIG 5

Filename: E:\OTT\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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 2

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 3

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		CONCRETE~150 mm	100.9	0
		FILL	100.8	
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.1	
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.		1
		TILL	98.9	2
		Silty sand, some gravel, grey, moist.	98.4	
		Auger refusal @ 2.5 m depth		

Standard Penetration Test N Value: 20, 40, 60, 80

Shear Strength: 50, 100, 150, 200 kPa

Combustible Vapour Reading (ppm): 250, 500, 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10, 20, 30

SAMPLES

Natural Unit Weight kN/m³

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 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 %

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

Borehole Log E3

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 4

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		CONCRETE~180 mm	100.8	0
		FILL	100.6	
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.0	
		SILTY SAND		1
		Possible fill, fine to medium grained, yellow/brown, moist.	99.4	
		TILL		
		Silty sand, some gravel, grey, moist.	98.5	2
		Auger refusal @ 2.3 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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 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 %

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

Borehole Log E4

Trow

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	⊠	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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		CONCRETE~130 mm	100.8	0
		FILL	100.7	
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.0	
		SILTY SAND		1
		Possible fill, fine to medium grained, yellow/brown, moist.	99.4	
		TILL		
		Silty sand, some gravel, grey, moist.	98.7	2
		Auger refusal @ 2.1 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

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 +S

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
		CONCRETE~150 mm	100.8	0
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.7	
			99.4	1
		TILL Silty sand, some gravel, grey, moist.		
			98.6	2
		Auger refusal @ 2.2 m depth		

Standard Penetration Test N Value: 20 40 60 80
Shear Strength: 50 100 150 200 kPa
Combustible Vapour Reading (ppm): 250 500 750
Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30
SAMPLES
Natural Unit Weight kN/m³

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. 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 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

Trow

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	⊠	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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		CONCRETE~150 mm	100.8	0
		FILL	100.7	
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.0	
		SILTY SAND		1
		Possible fill, fine to medium grained, yellow/brown, moist.	99.4	
		TILL		2
		Silty sand, some gravel, grey, moist.	98.2	
		Auger refusal @ 2.6 m depth		

Standard Penetration Test N Value: 20 40 60 80
Shear Strength kPa: 50 100 150 200
Combustible Vapour Reading (ppm): 250 500 750
Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

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	⊠	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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		CONCRETE~180 mm	100.8	0
		FILL	100.6	
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.0	
		SILTY SAND		1
		Possible fill, fine to medium grained, yellow/brown, moist.	99.4	
		TILL		
		Silty sand, some gravel, grey, moist.	98.5	2
		Auger refusal @ 2.3 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

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	⊠	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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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
				5
		Borehole terminated @ 6.2 m depth	94.6	6

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

For 100 mm

SAMPLES

Natural Unit Weight kN/m³

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

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 E9

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 10

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: Checked by:

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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, (loose).	99.9	1
		TILL Silty sand, some gravel, grey, moist, (compact).	99.2	2
		Auger refusal @ 3.1 m depth	97.6	3

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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. 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 OTEN00018095B

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.1

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E10

Trow

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	⊠	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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		ASPHALTIC CONCRETE 50 mm	100.7	0
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.7 / 99.9	
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (loose).	99.2	1
		TILL Silty sand, some gravel, grey, moist, (very dense).	98.6	2
		Auger refusal @ 2.1 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

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	⊠	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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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
				2
			96.7	3
		LIMESTONE BEDROCK Grey, excellent quality.	96.5	4
				5
				6
		Borehole terminated @ 6.7 m depth	93.2	

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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

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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 13

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		ASPHALTIC CONCRETE 40 mm	99.8	0
		ROADWAY GRANULARS 90 mm	99.7	
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (loose).	98.3	1
		TILL Silty sand, some gravel, grey, moist, (compact to very dense).		2
				3
		Auger refusal @ 3.5 m depth	96.3	

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

Bouncing

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 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 %

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

Borehole Log E13

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 14

Sheet No. 1 of 1

Date Drilled: August 23th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		ASPHALTIC CONCRETE 40 mm	100.7	0
		FILL 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	1
		TILL Silty sand, some gravel, grey, moist, (very dense).	97.2	2
		LIMESTONE BEDROCK Grey, fair to good quality.	96.9	3
		Borehole terminated @ 5.9 m depth	94.8	4
				5

Standard Penetration Test N Value: 20, 40, 60, 80

Shear Strength: 50, 100, 150, 200 kPa

Combustible Vapour Reading (ppm): 250, 500, 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10, 20, 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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

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 %

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

Borehole Log E14

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 15

Sheet No. 1 of 1

Date Drilled: August 23th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m
		ASPHALTIC CONCRETE 40 mm	100.6
		ROADWAY GRANULARS 300 mm	100.6
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (loose to compact).	100.3
		TILL Silty sand, some gravel, fine to medium grained, grey, moist, (very dense).	97.7
▼		**LIMESTONE BEDROCK** Grey, excellent quality.	97.0
			96.2
		Borehole terminated @ 6.8 m depth	93.8

DEPTH 0 1 2 3 4 5 6

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Bouncing

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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

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 G1

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 16

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		ASPHALTIC CONCRETE 50 mm	100.8	0
		ROADWAY GRANULARS 280 mm	100.8	
		TILL	100.5	
		Silty sand, some gravel, grey, moist, (compact to dense).		1
				2
			98.5	
		Auger refusal @ 2.3 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.3
6 Days	Dry	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log G2

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 17

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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	
		TILL Silty sand, some gravel, grey, moist, (dense).	99.3	1
		Auger refusal @ 2.3 m depth	98.5	2

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 18

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH	Standard Penetration Test N Value (20 40 60 80) / Shear Strength kPa (50 100 150 200)	Combustible Vapour Reading (ppm) (250 500 750) / Natural Moisture Content % Atterberg Limits (% Dry Weight) (10 20 30)	SAMPLES	Natural Unit Weight kN/m³
		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	Bouncing			
		Auger refusal @ 2.7 m depth	98.1					

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 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 %

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

Borehole Log G4

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 19

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH m
		ASPHALTIC CONCRETE 100 mm	100.4	0
		FILL Roadway granulars, ~700 mm.	100.3	
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact).	99.6	1
		TILL Silty sand, some gravel, grey, moist, (dense).	98.9	2
				3
		LIMESTONE BEDROCK Grey, good quality.	97.2	
▼			96.2	4
				5
		Borehole terminated @ 5.9 m depth	94.5	

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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

WATER LEVEL RECORDS

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

CORE DRILLING RECORD

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

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

Borehole Log G5

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 20

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		ASPHALTIC CONCRETE 60 mm	100.4	0
		ROADWAY GRANULARS 400 mm	100.3	
		FILL	99.9	
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	99.6	1
		SILTY SAND		
		Possible fill, fine to medium grained, yellow/brown, moist, (loose).	98.9	
		TILL		2
		Silty sand, some gravel, grey, moist, (loose to dense).		
				3
			96.8	
		Auger refusal @ 3.6 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 21

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH	Standard Penetration Test N Value / Shear Strength kPa	Combustible Vapour Reading (ppm) / Natural Moisture Content % / Atterberg Limits (% Dry Weight)	SAMPLES	Natural Unit Weight kN/m³
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	99.5	0	20 40 60 80 / 50 100 150 200	250 500 750 / 10 20 30		
			98.7					
		TOPSOIL	98.1	1				
		TILL Silty sand, some gravel, grey, moist, (compact to dense).		2	Bouncing			2.1
			96.5	3				
		Auger refusal @ 3.0 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

WATER LEVEL RECORDS

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

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G7

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 22

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: Checked by:

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		ASPHALTIC CONCRETE 100 mm	99.7	0
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (compact).	99.6	
			98.2	1
		TILL Silty sand, some gravel, grey, moist, (loose to dense).		2
			96.5	3
		Auger refusal @ 3.2 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES	Natural Unit Weight kN/m³
	1.8
	2.2

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

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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 23

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH	Standard Penetration Test N Value (20 40 60 80) / Shear Strength kPa (50 100 150 200)	Combustible Vapour Reading (ppm) (250 500 750) / Natural Moisture Content % Atterberg Limits (% Dry Weight) (10 20 30)	SAMPLES	Natural Unit Weight kN/m³
		ASPHALTIC CONCRETE 50 mm	99.7	0				
		ROADWAY GRANULARS 200 mm	99.7					
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist, (loose).	99.5					
			98.2	1				
		TILL Silty sand, some gravel, grey, moist, (dense to very dense).	97.5	2				2.3
								2.4
				3	Bouncing			
			96.2					
		Auger refusal @ 3.5 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

WATER LEVEL RECORDS

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

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log G9

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 24

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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 Vane Test	+ S	Shear Strength by Penetrometer Test	▲

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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
		TILL Silty sand, some gravel, grey, moist, (compact to dense).	97.6	2
		Auger refusal @ 2.9 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 25

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH	Standard Penetration Test N Value / Shear Strength kPa (20 40 60 80 / 50 100 150 200)	Combustible Vapour Reading (ppm) (250 500 750) / Natural Moisture Content % Atterberg Limits (% Dry Weight) (10 20 30)	SAMPLES	Natural Unit Weight kN/m³
		ASPHALTIC CONCRETE 50 mm	99.8	0				
		ROADWAY GRANULARS 300 mm	99.5					
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (loose to compact).		1				
			98.3		Bouncing			
		TILL Silty sand, some gravel, grey, moist, (very dense).	97.9					
		Auger refusal @ 1.9 m depth						

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 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 %

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

Borehole Log G11

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 26

Sheet No. 1 of 1

Date Drilled: August 24th, 2005

Drill Type:

Datum: Assumed

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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
		TILL Silty sand, some gravel, grey, moist, (compact).	99.2	
		Auger refusal @ 2.1 m depth	98.6	2

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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

WATER LEVEL RECORDS

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

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log G12

Trow

Project No. OTEN00018095B

Project: Phase II Environmental Site Assessment

Location: 1650 and 1666 Carling Avenue, Ottawa, Ontario

Figure No. 27

Sheet No. 1 of 1

Date Drilled: August 23rd, 2005

Drill Type:

Datum: Assumed

Logged by: Checked by:

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m	DEPTH
		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	
				1
				2
		TILL Silty sand, some gravel, grey, moist, (very dense).	98.5	
			97.8	3
		LIMESTONE BEDROCK Grey, good to excellent quality.	97.3	
				4
				5
			94.7	6
		Borehole terminated @ 6.1 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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

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

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 1

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
		CONCRETE~150 mm	100.8
		FILL	100.7
		Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist.	100.1
		FILL	
		Sand, fine to medium grained, light brown, moist.	99.2
		TILL	
		Silty sand, some gravel, grey, moist.	
		LIMESTONE BEDROCK	97.2
			96.5
		Borehole terminated @ 6.7 m depth	94.1

DEPTH 0 1 2 3 4 5 6

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Bouncing

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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. 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 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 E16

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 2

Sheet No. 1 of 1

Date Drilled: September 27th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade	Elevation
				100.9
		CONCRETE~150 mm	0.1	100.8
		FILL Sand and gravel, fine to coarse grained, occasional cobbles, greyish brown, moist.	0.8	100.0
		FILL Sand, fine to medium grained, light yellowish brown, moist.	1.4	99.4
		TILL Silty sand, some gravel, fine to medium grained, grey, moist, (very dense).	2.2	98.8
		TILL Silty sand, some gravel, fine to medium grained, grey, mottles, moist, petroleum odour (very dense).	2.8	98.2
		LIMESTONE BEDROCK	3.06	97.94
		Borehole terminated @ 6.9 m depth	6.9	94.0

DEPTH (m): 0, 1, 2, 3, 4, 5, 6

Standard Penetration Test N Value: 20, 40, 60, 80

Shear Strength: 50, 100, 150, 200 kPa

Bouncing

Combustible Vapour Reading (ppm): 250, 500, 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10, 20, 30

SAMPLES

Natural Unit Weight kN/m³

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 OTEN00018095C

WATER LEVEL RECORDS

Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	3.0	n/d
10 Days	3.5	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log E17

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 3

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

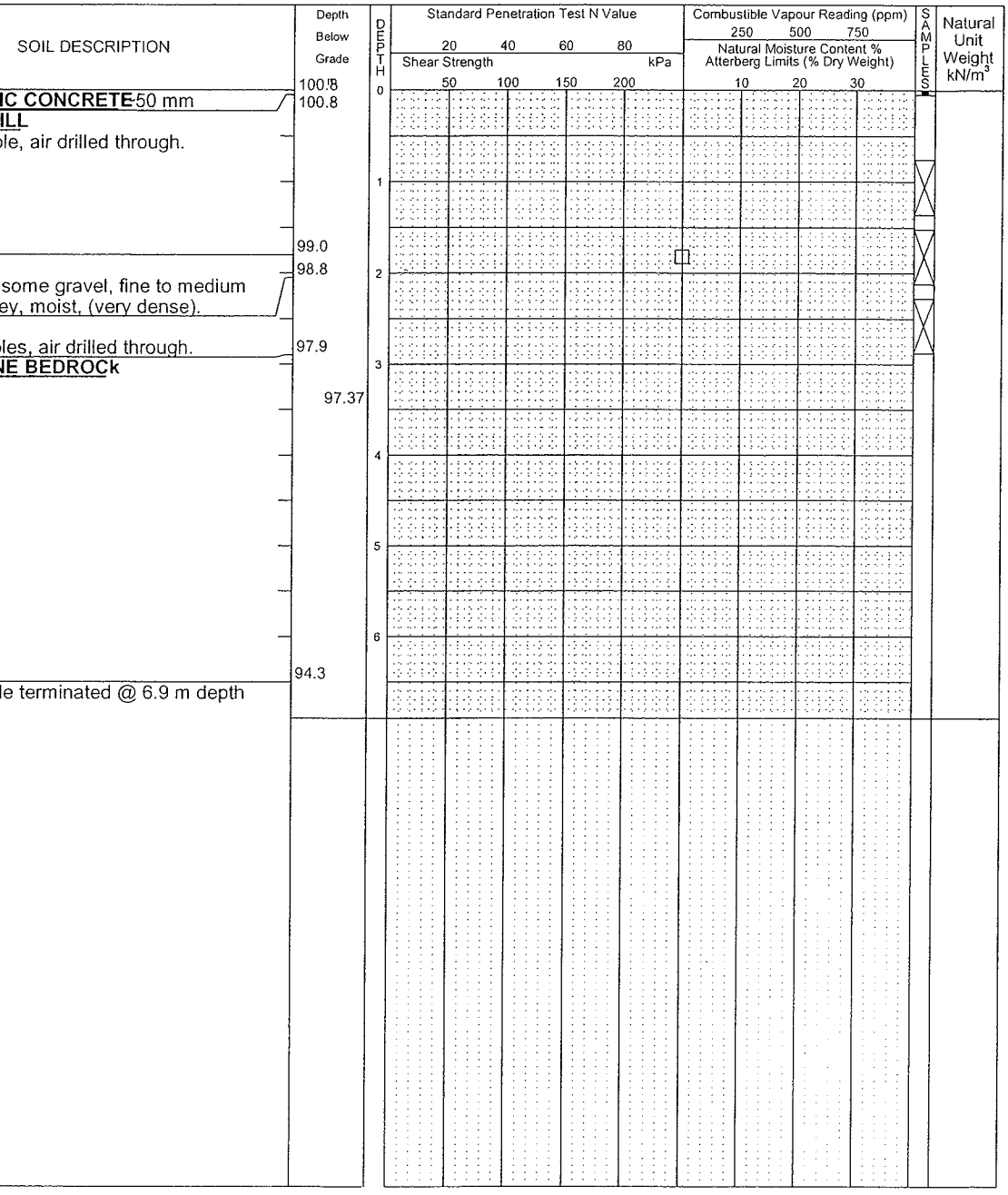
Drill Type:

Datum: Local

Logged by: Checked by:

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
		ASPHALTIC CONCRETE 50 mm	100.8
		BLIND DRILL Large cobble, air drilled through.	
			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
		Borehole terminated @ 6.9 m depth	94.3



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 OTEN00018095C

WATER LEVEL RECORDS

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

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log E17B

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 4

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
		ASPHALTIC CONCRETE 50 mm	100.8
		BLIND DRILL	
		TILL	98.5
		Silty sand, some gravel, grey, moist.	
		Auger refusal @ 2.9 m depth	97.9

DEPTH 0, 1, 2

Standard Penetration Test N Value: 20, 40, 60, 80

Shear Strength kPa: 50, 100, 150, 200

Combustible Vapour Reading (ppm): 250, 500, 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10, 20, 30

SAMPLES

Natural Unit Weight kN/m³

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E18

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 5

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: Checked by:

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
		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.	
			98.4
		Auger refusal @ 2.3 m depth	

DEPTH

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

0

1

2

2

7

6

Bouncing

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log E19

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 6

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade	DEPTH
			100.9	0
		CONCRETE~150 mm	100.8	
		FILL Sand and gravel, fine to coarse grained, greyish brown, moist.	100.1	
		FILL Sand, fine to medium grained, light yellowish brown, moist.	99.4	1
		TILL Silty sand, some gravel, fine to medium grained, grey, moist, (very dense).		2
			98.0	
		Auger refusal @ 2.9 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E20

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 7

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
		ASPHALTIC CONCRETE 50 mm	100.7
		FILL Sand and gravel, trace silt, fine to coarse grained, brown, moist.	100.1
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	99.5
		TILL Silty sand, some gravel, grey, moist.	
			97.8
		Auger refusal @ 2.9 m depth	

DEPTH

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

0 1 2

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log E21

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 8

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade	DEPTH
			100.7	0
		ASPHALTIC CONCRETE 50 mm	100.7	
		FILL Sand and gravel, fine to coarse grained, dark brown, moist.	100.1	
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	98.9	1
		TILL Sandy silt, grey, mottles, moist, petroleum odour.		2
			97.7	3
		Auger refusal @ 3.0 m depth		

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

Bouncing

SAMPLES

Natural Unit Weight kN/m³

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E22

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 9

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade	DEPTH
		ASPHALTIC CONCRETE 50 mm	100.7	0
		FILL Sand and gravel, trace silt, fine to coarse grained, dark brown, moist.	100.1	
		SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist.	99.5	1
		TILL Sandy silt, some sand and gravel, grey, mottles, moist,.		2
		Auger refusal @ 3.0 m depth	97.7	3

Standard Penetration Test N Value: 20 40 60 80

Shear Strength: 50 100 150 200 kPa

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

Bouncing

Bouncing

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

Borehole Log E23

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 10

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
		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	

DEPTH

Standard Penetration Test N Value: 20 40 60 80

Shear Strength kPa: 50 100 150 200

Combustible Vapour Reading (ppm): 250 500 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10 20 30

SAMPLES

Natural Unit Weight kN/m³

0

1

2

Bouncing

Bouncing

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	n/d	

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

Borehole Log E24

Trow

Project No. OTEN00018095C

Project: Supplemental Phase II Environmental Site Assessment

Location: 1666 Carling Avenue, Ottawa, Ontario

Figure No. 11

Sheet No. 1 of 1

Date Drilled: September 28th, 2005

Drill Type:

Datum: Local

Logged by: _____ Checked by: _____

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	+ S		

GWL	SYMBOL	SOIL DESCRIPTION	Depth Below Grade
			100.7
		ASPHALTIC CONCRETE 50 mm	100.7
		FILL 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	

DEPTH 0, 1, 2

Standard Penetration Test N Value: 20, 40, 60, 80

Shear Strength kPa: 50, 100, 150, 200

Bouncing

Bouncing

Combustible Vapour Reading (ppm): 250, 500, 750

Natural Moisture Content % / Atterberg Limits (% Dry Weight): 10, 20, 30

SAMPLES

Natural Unit Weight kN/m³

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 OTEN00018095C

WATER LEVEL RECORDS

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

CORE DRILLING RECORD

Run No.	Depth (m)	% Rec.	RQD %

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

ENGLOBE

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)

1:800

0 8 16 24 32 40 m

0 1:1 5 cm

Scale accurate when printed at 100% using paper size ANSI full bleed B (11.0 x 17.0 Inches)

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

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**	

885 Regent Street, Suite 2-1B, Sudbury, Ontario P3E 5M4 Tel: (705) 523-6680 Fax: (705) 523-6690 Website: www.englobecorp.com/canada

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\Work\02202032 CTR 290 Carling Ave\gINT files Tuesday, June 07, 2022 @ 16:00 by Joven Mendoza

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

885 Regent Street, Suite 2-1B, Sudbury, Ontario P3E 5M4 Tel: (705) 523-6680 Fax: (705) 523-6690 Website: www.englobecorp.com/canada

Page 1 of 1

BH/MW22-01

DST Project No.	02202032	Date	April 26, 2022
Client	Canadian Tire Real Estate Limited	Method	Hollow Stem Auger with Direct Push/Air Hammer
Project	Phase II Environmental Site Assessment	Diameter	ID 7.6 cm
Address	CTR 290 - 1660 Carling Avenue, Ottawa	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: CCGD	CCGD / PID: PID	Analysis (Submitted for laboratory analysis): PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
0	78			0 78.04		**ASPHALT**											
				0.1 77.94		**FILL - gravel, some sand, light grey, dry, loose**	SS1		100	NM	NM						
0.5																	
1.0	77			0.75 77.29		**SAND & SILT - trace gravel, brown, damp, loose**	SS2		100	NM	NM						
1.5							BH22-01		100	<5 ppm	<1 ppm	✓	✓	✓	✓	✓	
2.0	76			2 76.04		**BEDROCK - limestone, fractured**											
2.5		75.56															Groundwater level measured on May 3, 2022.
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.**											

BH/MW22-02

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

Depth (m)	Elevation (m)	Material Description	Sample #	Sample Type	% Sample Recov.	CCGD / PID: CCGD	CCGD / PID: PID	Analysis (Submitted for laboratory analysis): PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
0	78.15	**ASPHALT**											
0.1	78.05	**FILL - gravel, dry, loose, light brown**	SS1		100	NM	NM						
0.75	77.4	**SAND - trace gravel, damp, soft**	BH22-02B		100	<5 ppm	<1 ppm		✓				
1.2	76.95	**SAND & GRAVEL - dry**											
1.7	76.45	**- black, seam**	BH22-02		100	<5 ppm	<1 ppm	✓	✓	✓	✓	✓	Other: Glycols
1.8	76.35	**SAND & SILT - damp, firm, some organics**											
2.1	76.05	**BEDROCK - limestone**											
		End of Borehole at 4.6 m.											

Water level (m): 75.50

Groundwater level measured on May 3, 2022.

Well construction

Symbol

Template: DST - ENVIRONMENTAL LOG SHEET A1 Date: June 7, 2022
File: D:\JOVEN ONEDRIVE\ONEDRIVE - ENGLOBE CORP\WORK\02202032 CTR 290 CARLING AVE\GINT FILES\02202032 CTR 290 CARLING AVE PHASE II ESA.GPJ Library: D:\JOVEN ONEDRIVE\ONEDRIVE - ENGLOBE CORP\WORK\02202032 CTR 290 CARLING AVE PHASE II ESA.LIB.GI

BH/MW22-03

DST Project No.	02202032	Date	April 26, 2022
Client	Canadian Tire Real Estate Limited	Method	Hollow Stem Auger with Direct Push/Air Hammer
Project	Phase II Environmental Site Assessment	Diameter	ID 7.6 cm
Address	CTR 290 - 1660 Carling Avenue, Ottawa	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: CCGD	CCGD / PID: PID	Analysis (Submitted for laboratory analysis): PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
0	78			0 / 78.19		**ASPHALT**											
				0.1 / 78.09		**FILL - sandy gravel, dry, loose, light brown**	SS1		100	NM	NM						
0.5																	
1.0	77					**- Silty**	BH22-03		100	15 ppm	<1 ppm	✓	✓	✓	✓	✓	Other: Glycols, pH, Grain Size Duplicate: Dup-01
1.5				1.6 / 76.59		**SANDY SILT - trace gravel, damp, grey. firm**											
2.0	76						BH22-03B		100	10 ppm	<1 ppm		✓				
2.5							SS4		100	NM	NM						
		75.48		2.7 / 75.49		**BEDROCK - limestone**											Groundwater level measured on May 3, 2022.
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.**											

BH/MW22-04

DST Project No.	02202032	Date	April 27, 2022
Client	Canadian Tire Real Estate Limited	Method	Hollow Stem Auger with Direct Push/Water Rotary Coring
Project	Phase II Environmental Site Assessment	Diameter	ID 5.4 cm
Address	CTR 290 - 1660 Carling Avenue, Ottawa	Coordinates	5025308 m N, 441388 m E
		Surface Elevation	78.22 m

Depth (m)	Elevation (m)	Water level (m)	Well construction	Depth (m) Elevation (m)	Symbol	Material Description	Sample #	Sample Type	% Sample Recov.	CCGD / PID: CCGD	CCGD / PID: PID	Analysis (Submitted for laboratory analysis): PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
0	78.22			0		ASPHALT											
				0.1		FILL - sandy gravel, grey, dry, loose	SS1		100	NM	NM						
0.5	78			78.12													
				0.75		SAND - trace gravel, brown, damp	BH22-04B		80	<5 ppm	<1 ppm		✓				
1.0	77			77.47													
1.5				1.4		- firm	BH22-04		95	<5 ppm	<1 ppm	✓	✓	✓	✓		
				76.82													
2.0	76			2		BEDROCK - limestone											
2.5				76.22													
3.0	75	74.88															Groundwater level measured on May 3, 2022.
3.5																	
4.0	74																
4.5																	
5.0	73																
5.5																	
6.0	72					End of Borehole at 6.1 m.											

BH/MW22-05

DST Project No.	02202032	Date	April 27, 2022
Client	Canadian Tire Real Estate Limited	Method	Hollow Stem Auger with Direct Push/Water Rotary Coring
Project	Phase II Environmental Site Assessment	Diameter	ID 5.4 cm
Address	CTR 290 - 1660 Carling Avenue, Ottawa	Coordinates	5025329 m N, 441410 m E
		Surface Elevation	78.14 m

Depth (m) Elevation (m)	Material Description	Sample #	Sample Type	% Sample Recov.	CCGD	PID	PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
0 / 78.14	ASPHALT											
0.1 / 78.04	FILL - gravel, some sand, grey, dry, loose	SS1		100	NM	NM						
		SS2		100	<5 ppm	<1 ppm						
1.8 / 76.34	SAND - trace gravel, damp, brown, loose/soft	SS3		100	<5 ppm	<1 ppm						
		SS4		100	NM	NM						
3.1 / 75.04	- saturated, some silt	BH22-05		100	<5 ppm	<1 ppm	✓	✓	✓	✓	✓	Other: pH, Grain Size Groundwater level measured on May 3, 2022.
3.5 / 74.64	BEDROCK - limestone											
	End of Borehole at 6.1 m.											

Water level: 74.70

Analysis: Submitted for laboratory analysis

Depth scale (m): 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0
Elevation scale (m): 78, 77, 76, 75, 74, 73, 72

BH/MW22-06

DST Project No.	02202032	Date	April 26, 2022
Client	Canadian Tire Real Estate Limited	Method	Hollow Stem Auger with Direct Push/Air Hammer
Project	Phase II Environmental Site Assessment	Diameter	ID 7.6 cm
Address	CTR 290 - 1660 Carling Avenue, Ottawa	Coordinates	5025310 m N, 441429 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: CCGD	CCGD / PID: PID	Analysis (Submitted for laboratory analysis): PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
0	78			0 / 78.15		**ASPHALT**											
				0.1 / 78.05		**FILL - sandy gravel, grey/brown, damp, firm**	SS1		100	NM	NM						
0.5																	
1.0	77						BH22-06		100	5 ppm	<1 ppm	✓	✓	✓	✓	✓	
1.5				1.5 / 76.65		**Sand - trace gravel, light brown, damp, soft**	SS2		100	NM	NM						
2.0	76																
2.5				2.3 / 75.85		**- saturated**	BH22-06B		100	<5 ppm	<1 ppm		✓				
3.0	75	75.05		2.9 / 75.25		**- wet, grey**	SS3		100	NM	NM						Groundwater level measured on May 3, 2022.
3.5				3.5 / 74.65		**BEDROCK - limestone**											
4.0	74																
4.5																	
5.0	73																
5.5																	
6.0	72																

BH/MW22-06

DST Project No.	02202032	Date	April 26, 2022
Client	Canadian Tire Real Estate Limited	Method	Hollow Stem Auger with Direct Push/Air Hammer
Project	Phase II Environmental Site Assessment	Diameter	ID 7.6 cm
Address	CTR 290 - 1660 Carling Avenue, Ottawa	Coordinates	5025310 m N, 441429 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: CCGD	CCGD / PID: PID	Analysis (Submitted for laboratory analysis): PAHs	PHC/BTEX	Metals	VOCs	Others	Remarks
6.5						BEDROCK - limestone											
7.0	71																
7.5																	
8.0	70																
8.5																	
9.0	69					End of Borehole at 9.2 m.											
9.5																	
10.0	68																
10.5																	
11.0	67																
11.5																	
12.0	66																