

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

Client:

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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	Coologie Material et Consensal	Geotechnical II August 200		Phase II ESA May 2022, Englobe					
	Geologic Material at Screened Interval			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		Geotechnical II August 200		Phase II ESA May 2022, Englobe					
	Geologic Material at Screened Interval	Ground Surface Elevation (masl)	Groundwater Elevation (masl)	Ground Surface Elevation (masl)	Groundwater Elevation (masl)				
MW22-02	Bedrock Limestone			78.15	75.50				
MW22-03	Bedrock Limestone			78.19	75.48				
MW22-04	Bedrock Limestone			78.22	74.88				
MW22-05	Bedrock Limestone			78.14	74.70				
MW22-06	Bedrock Limestone			78.15	74.65				

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



4 Preliminary Construction Plan and Potential Groundwater Issues

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

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



5 Construction Dewatering Permit

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

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

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



6 Potential Short and Long-term Dewatering

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

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

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



7 Groundwater Discharge Management Plan

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

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

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



8 Potential of Impact from Anticipated Dewatering

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

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

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

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

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

8.1 Groundwater Quality

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

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



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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.

DELWAR AHMED PRACTISING MEMBER

1406

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





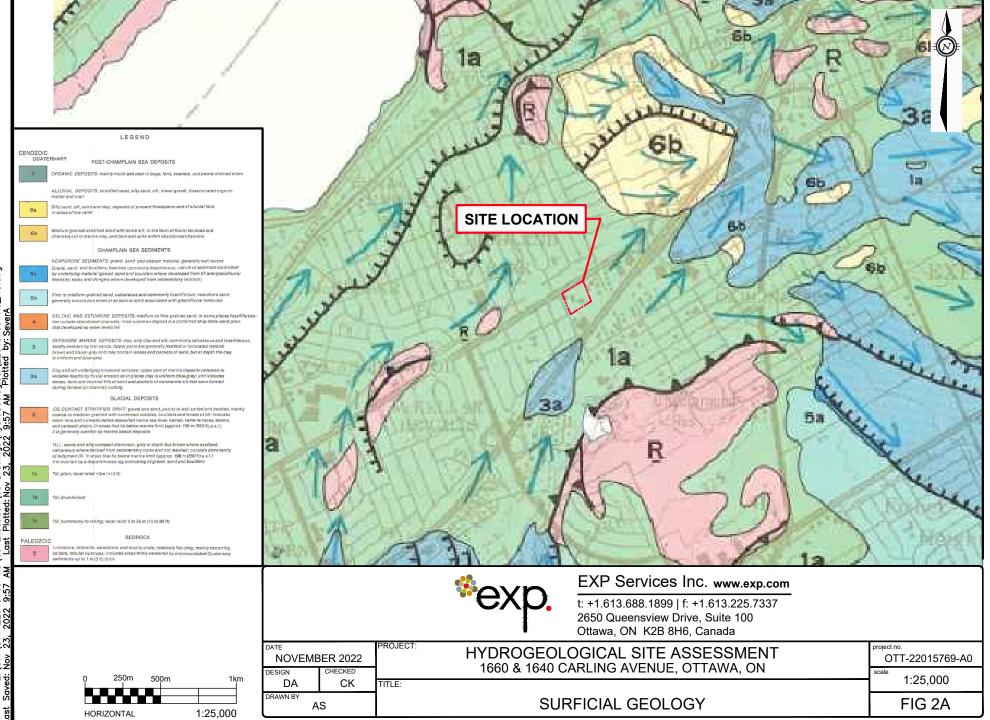








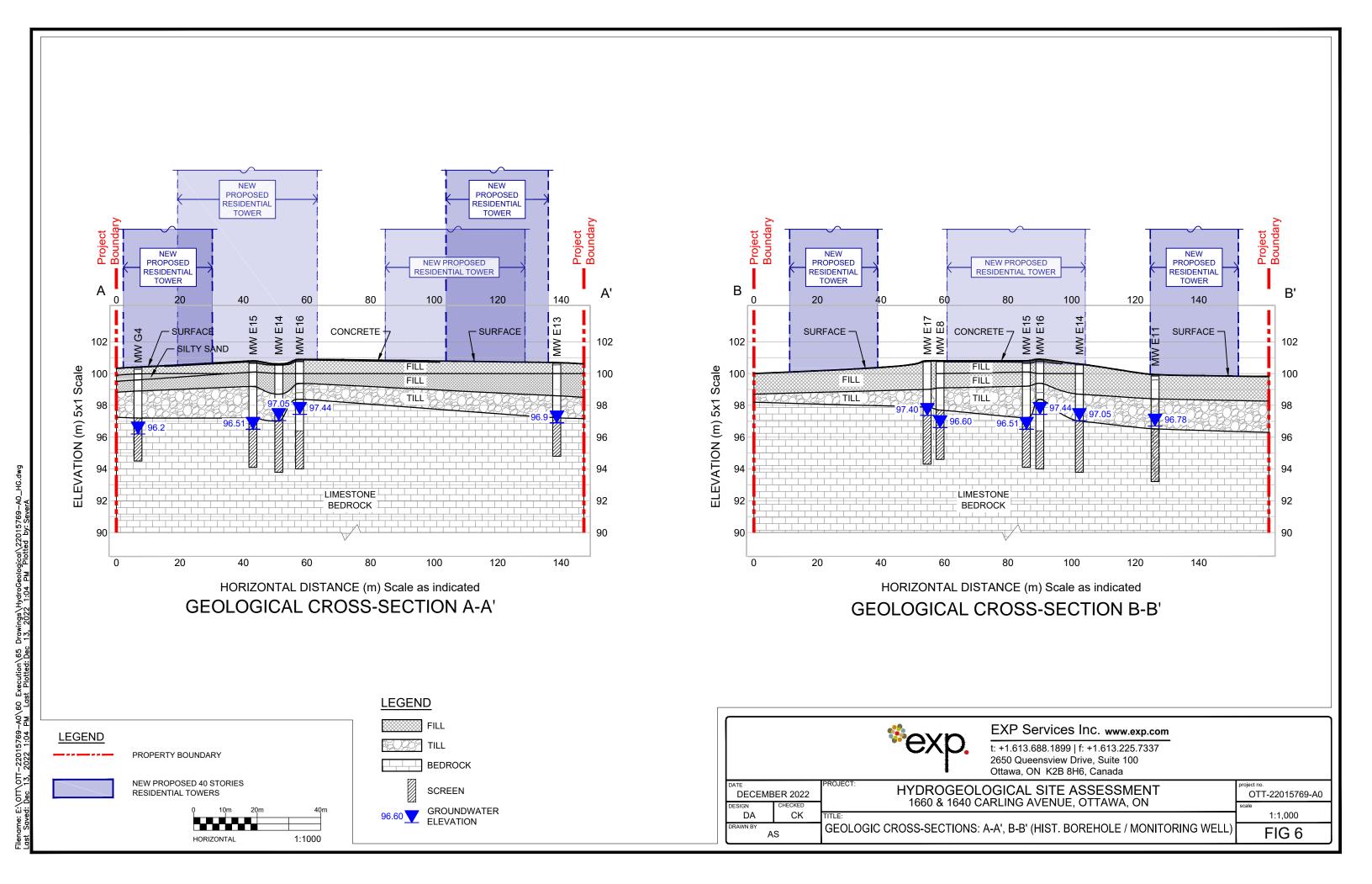
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Appendix A – MECP WWR



Record Count 4

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

1503963	Lot 029 Conc 01	C	TTAWA CITY (NEI	PEAN) / OTTAWA-CARI	LETON		Flowing? N				
ate 1/15/1 DDMN		Easting 441251 UTM RC 9	Northing unknown UTM	5025422			SWL Pumping WL Pump Rate	8.5 27.4 9.1	(mbgs) (mbgs) (LPM)	68.9 (masl) 50.0 (masl) 2 / 0	
	/ Domestic	Water Supply		Depth (m)	Elev (masl)		Spec. Cap.	0.48	(LPM/m)	Hr / Min	
	Water Found 45.7 (mbo Street Town/City	gs) 31.7 (masl)	FRESH	0.0	77.5	Color			Soil Descri	ptions	
				1.5	75.9			UM SAND /	GRAVI GRAVI		
				29.0	48.5	BLUE BLUE	25.	SHALE /	0.0	, , ,	
				61.0	16.5	WHITE		MESTONE /		, , ,	
				88.4	-10.9		LIM	MESTONE /		! !	
1503969	Lot 031 Conc 01	С	TTAWA CITY (NEI	PEAN) / OTTAWA-CARI	LETON		Flowing? N		(mbgs)	72.4 (masl)	
Date 12/1/1 DDMN		Easting 441721 UTM RC 9 Water Supply	Northing unknown UTM	5025782			Pumping WL Pump Rate Spec. Cap.	5.5 13.6 8.95	(mbgs) (LPM) (LPM/m)	70.9 (masl) 1 / 0 Hr / Min	
	Water Found 23.8 (mbg Street Town/City		FRESH	Depth (m) 0.0	Elev (masl) 76.3	Color			Soil Descri	ptions	
				5.8	70.6	BLUE BLUE		CLAY /		<i>I I</i>	
				23.8	52.6	BLUE BLUE		MESTONE /		, ,	
1507908	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	LETON		Flowing? N				
Date 11/4/1	` ,	Easting 4411111 UTM RC 9	Northing unknown UTM	5025142			SWL Pumping WL Pump Rate	0.9 6.1 18.2	(mbgs) (mbgs) (LPM)	77.8 (masl) 72.6 (masl) 2 / 0	
	/ Domestic	Water Supply		Depth (m)	Elev (masl)		Spec. Cap.	3.51	(LPM/m)	Hr / Min	
	Water Found 17.7 (mbg Street Town/City	gs) 61.0 (masl)	FRESH	0.0	78.7	Color			Soil Descri	ptions	
				0.9 18.9	77.8 59.8		LIN	CLAY / MESTONE /	SHAL	/ E /	
1507965	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	LETON		Flowing? N SWL	I 3.7	(mbgs)	72.3 (masl)	
Date 5/2/19 DDMN	YY Well_Depth_m: 17.0687999725342		Northing unknown UTM	5025232			Pumping WL Pump Rate Spec. Cap.	4.5	(mbgs) (LPM) (LPM/m)	(masl) 0 / 30 Hr / Min	
	/ Domestic Water Found 16.2 (mbg Street Town/City	Water Supply gs) 59.8 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 75.9	Color	эроо. очр.		Soil Descri		
				1.2	74.7			CLAY /		1	
				17.1	58.9	BLACK		ROCK /		/	

Well R	Record #				Based on Ministry of E	Invironment Wa	ter Well In	formation Data	abase Dec	ember 31, 2	016, available onlir
15	07972	Lot Conc		OTTAWA	CITY / OTTAWA-CARI	LETON		Flowing? N			
Date	12/5/1950 DDMMYY	Elev 76.1 (masl) Well_Depth_m: 17.3736000061035	Easting 441731 UTM RC 9	Northing unknown UTM	5025662			SWL Pumping WL Pump Rate Spec. Cap.	0.9 36.4	(mbgs) (mbgs) (LPM)	75.2 (masl) (masl) 1 / 0 Hr / Min
		/ Domestic Water Found 12.2 (mbgs) Street Town/City	Water Supply 63.9 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 76.1	Color	эрес. Сар.		(LPM/m) Soil Descri	
		,			1.5	74.5			SILT /		<i>I I</i>
					17.4	58.7			SILT / ROCK / ROCK /		/ / /
15	07994	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	LETON		Flowing? N	TOOK 7		,
Date	4/12/1953 DDMMYY	Elev 76.1 (masl) Well_Depth_m: 20.1168003082275	Easting 441731 UTM RC 9	Northing unknown UTM	5025662			SWL Pumping WL Pump Rate Spec. Cap.	2.1 4.6 27.3 11.19	(mbgs) (mbgs) (LPM) (LPM/m)	73.9 (masl) 71.5 (masl) 1 / 0 Hr / Min
		/ Domestic Water Found 18.3 (mbgs) Street Town/City	Water Supply 57.8 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 76.1	Color	ърес. Сар.	11.19	Soil Descri	
					2.1	73.9			TOPSOIL /	MEDIUM :	
					4.3	71.8			SHALE /		/
					20.1	56.0	BLUE BLUE		MESTONE /		/ /
15	08001	Lot Conc		OTTAWA	CITY / OTTAWA-CARI	LETON		Flowing? N		(mh ma)	05.0 (ma-1)
Date	4/12/1956 DDMMYY	Elev 77.1 (masl) Well_Depth_m: 76.2000045776367	Easting 441451 UTM RC 9	Northing unknown UTM	5025507			SWL Pumping WL Pump Rate	12.2 19.5 54.6	(mbgs) (mbgs) (LPM)	65.0 (masl) 57.6 (masl) 2 / 0
		/ Commerical	Water Supply		Depth (m)	Elev (masl)		Spec. Cap.	7.46	(LPM/m)	Hr / Min

					1.2 75.9 76.2 0.9		LIM	CLAY / LIMESTONE /			/ /		
1508035		Lot	Conc		OTTAWA	OTTAWA CITY / OTTAWA-CARLETON		Flowing? N					
Date	5/27/1950 DDMMYY	Elev Well_Depth_m	77.6 (masl) 1: 15.2399997711182 / Domestic	Easting 441471 UTM RC 9 Water Supply		5025702	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap.	2.7 4.6	(mbgs) (mbgs) (LPM) (LPM/m)		(masl) (masl) 0 / 10 r / Min	
		Water For Stree Town/City	t	62.3 (masl)	FRESH	0.0	77.6	Color	ESTONE /	Soil Desci	riptions	1	

Street Town/City

Well	Record #				Based on Ministry of E	invironment Wa	ater Well Ir	nformation Data	base Dec	ember 31, 2016, available online.
15	508036	Lot Conc		OTTAWA	CITY / OTTAWA-CARI	ETON		Flowing? N		
Date	11/9/1951 DDMMYY	Elev 77.2 (masl) Well_Depth_m: 30.4799995422363	Easting 441441 UTM RC 9	Northing unknown UTM	5025622			SWL Pumping WL Pump Rate	3.0 4.6 18.2	(mbgs) 74.2 (masl) (mbgs) 72.6 (masl) (LPM) 0 / 30
		/ Domestic Water Found 18.3 (mbgs) Street Town/City	Water Supply 58.9 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 77.2	Color	Spec. Cap.	11.93	(LPM/m) Hr / Min Soil Descriptions
					0.6 30.5	76.6 46.7			OPSOIL /	<i>I I</i>
1:	508037	Lot Conc		OTTAWA	CITY / OTTAWA-CARI	ETON		Flowing? N		
Date	11/6/1952 DDMMYY	Elev 79.3 (masl) Well_Depth_m: 16.1543998718262	Easting 441681 UTM RC 9	Northing unknown UTM	5025132			SWL Pumping WL Pump Rate	2.1 31.8	(mbgs) 77.2 (masl) (mbgs) (masl) (LPM) 1 / 0
		Domestic / Commerical	Water Supply		Depth (m)	Elev (masl)		Spec. Cap.		(LPM/m) Hr / Min
		Water Found 12.2 (mbgs) Street Town/City	67.2 (masl)	FRESH	0.0	79.3	Color			Soil Descriptions
					0.9	78.4			CLAY / CLAY / CLAY /	MEDIUM SAND / STONES MEDIUM SAND / STONES MEDIUM SAND / STONES
					2.1	77.2			ROCK / ROCK /	
					16.2	63.2		LIME	ESTONE /	, , ,
1:	508038	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	ETON		Flowing? N		·
Date	9/22/1953 DDMMYY	Elev 77.4 (masl) Well_Depth_m: 20.1168003082275 / Commercial	Easting 441391 UTM RC 9 Water Supply	Northing unknown UTM	5025722	Electronal)		SWL Pumping WL Pump Rate Spec. Cap.	4.6	(mbgs) 72.9 (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min
		Water Found 20.1 (mbgs) Street Town/City		FRESH	Depth (m) 0.0	Elev (masl) 77.4	Color			Soil Descriptions
					2.4 20.1	75.0 57.3	WHITE	LIME	CLAY /	<i>I I</i>
1:	508039	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	ETON		Flowing? N		
Date	4/26/1954 DDMMYY	Elev 78.1 (masl) Well_Depth_m: 20.7264003753662	Easting 441531 UTM RC 9	Northing unknown UTM	5025347			SWL Pumping WL Pump Rate	1.8 7.6 31.8	(mbgs) 76.3 (masl) (mbgs) 70.5 (masl) (LPM) 2 / 0
		/ Domestic Water Found 19.8 (mbgs) Street Town/City	Water Supply 58.3 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 78.1	Color	Spec. Cap.	5.49	(LPM/m) Hr / Min Soil Descriptions

6.1

20.7

72.0

57.4

CLAY /

LIMESTONE /

Well Recor	rd #				Based on Ministry of E	Environment Wa	ater Well Information Date	abase Dec	ember 31, 2	016, available online.	
150804	40	Lot Conc		OTTAWA	CITY / OTTAWA-CAR	LETON	Flowing? N				
	26/1954 MMYY	Telev 78.4 (masl) Well_Depth_m: 76.5047988891602 / Commerical	Easting 441371 UTM RC 9	Northing unknown UTM	5025122 Depth (m)	Elev (masi)	SWL Pumping WL Pump Rate Spec. Cap.	1.8 38.1 31.8 0.88	(mbgs) (mbgs) (LPM) (LPM/m)	76.5 (masl) 40.3 (masl) 0 / 40 Hr / Min	
		Water Found 75.6 (mbgs) Street Town/City	2.8 (masl)	FRESH	0.0	78.4	Color		Soil Descr	iptions	
					1.8 76.5	76.5 1.9		TOPSOIL /		/	
150806	60	Lot Conc		OTTAWA	A CITY / OTTAWA-CAR		Flowing? N	IESTONE /		/	
Date 4/23	3/1960 MMYY	Elev 77.2 (masl) Well_Depth_m: 64.0080032348633	Easting 441571 UTM RC 5	Northing margin of error : 1	5025432		SWL Pumping WL Pump Rate Spec. Cap.	4.6 48.8 4.5 0.10	(mbgs) (mbgs) (LPM) (LPM/m)	72.6 (masl) 28.4 (masl) 4 / 0 Hr / Min	
		/ Cooling And A/C Water Found 64.0 (mbgs)	Water Supply 13.2 (masl)	FRESH	Depth (m)	Elev (masl)		0.10	,		
		Street Town/City	(11461)		0.0	77.2	Color		Soil Descr	iptions	
					0.9	76.3		FILL /		1	
45000	•••			077.111	64.0	13.2		IESTONE /		1	
150830		Lot Conc			A CITY / OTTAWA-CAR	LETON	Flowing? N SWL	4.3	(mbgs)	71.0 (masl)	
	0/1950 MMYY	Elev 75.3 (masl) Well_Depth_m: 21.3360004425049	Easting 440986 UTM RC 9	Northing unknown UTM	5025247		Pumping WL Pump Rate		(mbgs) (LPM)	(masl)	
		/ Domestic	Water Supply		Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min	
		Water Found 21.3 (mbgs) Street Town/City	54.0 (masl)	FRESH	0.0	75.3	Color		Soil Descr	iptions	
					1.5	73.8		TOPSOIL / TOPSOIL /		/ /	
					21.3	54.0	LIM LIM	MESTONE / MESTONE /		/ / /	
150830	01	Lot Conc		OTTAWA	CITY / OTTAWA-CAR	LETON	Flowing? N				
	7/1950 MMYY	Elev 75.3 (masl) Well_Depth_m: 28.0416011810303	Easting 440986 UTM RC 9	Northing unknown UTM	5025247		SWL Pumping WL Pump Rate Spec. Cap.	2.7 3.7 36.4 39.77	(mbgs) (mbgs) (LPM) (LPM/m)	72.5 (masl) 71.6 (masl) 1 / 0 Hr / Min	
		/ Domestic Water Found 15.2 (mbgs)	Water Supply 60.0 (masl)	FRESH	Depth (m)	Elev (masl)		00.11	,		
		Street Town/City	()		0.0	75.3	Color		Soil Descr	iptions	
					0.6	74.7		SILT / SILT / SILT /		/ /	
					1.8	73.5		SHALE / SHALE /		, 	
					28.0	47.2		SHALE / MESTONE / MESTONE /		/ / /	

Well Record #				Based on Ministry of	f Environment Wa	ater Well Information Dat	abase Dec	ember 31,	2016, available online.
				28.0	47.2	LIN	MESTONE /		1
1508302	Lot Conc		OTTAW	A CITY / OTTAWA-CA	RLETON	Flowing? N			
Date 12/27/195	` ,	Easting 440931 UTM RC 9	Northing unknown UTM	5025382		SWL Pumping WL Pump Rate	4.6 7.6 22.7	(mbgs) (mbgs) (LPM)	69.9 (masl) 66.9 (masl) 0 / 30
	/ Domestic Water Found 23.8 (mbgs)	Water Supply 50.7 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 74.5	Spec. Cap.	7.46	(LPM/m) Soil Desc	Hr / Min
	Street Town/City			0.0	74.5	30101		GOII DESC	nphons
				4.0 23.8	70.5 50.7	LIN	CLAY / MESTONE /		<i>I I</i>
1508303	Lot Conc		OTTAW	A CITY / OTTAWA-CA	RLETON	Flowing? N			
Date 5/30/195 DDMMY	, ,	Easting 441031 UTM RC 9	Northing unknown UTM	5025262		SWL Pumping WL Pump Rate	1.8 3.0 31.8	(mbgs) (mbgs) (LPM)	74.4 (masl) 73.2 (masl) 0 / 30
	/ Domestic Water Found 16.8 (mbgs)	Water Supply 59.5 (masl)	FRESH	Depth (m)	Elev (masl)	Spec. Cap.	26.10	(LPM/m)	Hr / Min
	Street Town/City	os.o (masi)	FRESH	0.0	76.2	Color		Soil Desc	riptions
				0.9 16.8	75.3 59.5	LIN	CLAY / MESTONE /		/ /
1508419	Lot Conc		OTTAW	A CITY / OTTAWA-CA	RLETON	Flowing? N			
Date 11/24/195		Easting 441911	Northing	5025282		SWL	3.0	(mbgs)	76.6 (masl)
DDMMY		UTM RC 5	margin of error : 1			Pumping WL Pump Rate	7.6 31.8	(mbgs) (LPM)	72.0 (masl) 2 / 0
			Ū			Spec. Cap.	6.96	(LPM/m)	2 / 0 Hr / Min
	/ Commerical Water Found 18.3 (mbgs) Street Town/City	Water Supply 61.3 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 79.6	Color		Soil Desc	riptions
	Townsency			F.0	74.4		CLAY /		1
				5.2 18.3	74.4 61.3	LIN	/ MESTONE		/ /
1508420	Lot Conc		OTTAWA	A CITY / OTTAWA-CA		Flowing? N			·
					I LE I OIV	SWL	1.5	(mbgs)	78.1 (masl)
Date 2/16/195 DDMMY	, ,	Easting 441821 UTM RC 5	Northing margin of error : 1	5025242		Pumping WL	3.0	(mbgs)	76.6 (masl)
, , , , , , , , , , , , , , , , , , ,			margin or circle.	00 III		Pump Rate Spec. Cap.	36.4 23.86	(LPM) (LPM/m)	2 / 0 Hr / Min
	/ Commerical Water Found 19.8 (mbgs) Street	Water Supply 59.9 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 79.7	Color	23.00	Soil Desc	
	Town/City								
				3.7	76.0		FILL /		1
				19.8	59.9	LIN	MESTONE /		I
1508437	Lot Conc		OTTAW	A CITY / OTTAWA-CA	RLETON	Flowing? N			
Date 11/14/196	3 Elev 79.5 (masl)	Easting 441531	Northing	5025062		SWL	3.0	(mbgs)	76.4 (masl)
DDMMY	• • •	UTM RC 5	margin of error : 1			Pumping WL Pump Rate	61.0 18.2	(mbgs) (LPM)	18.5 (masl) 2 / 0
	/ Commercial	Water Cumply	-			Spec. Cap.	0.31	(LPM/m)	Hr / Min
	/ Commerical Water Found 59.4 (mbgs) Street	Water Supply 20.0 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 79.5	Color		Soil Desc	
	Town/City								

Well R	ecord #				Based on Ministry of E	Environment Wa	ter Well Informat	tion Database De	cember 31,	2016, available online.
					1.2	78.3		CLAY /		1
					61.0	18.5	GREY	LIMESTONE /		1
150	08438	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	LETON	Flo	wing? N		
Date	4/7/1964	Elev 79.2 (masl)	Easting 441591	Northing	5025102			SWL 2.4	(mbgs)	76.8 (masl)
Duto	DDMMYY	Well_Depth_m: 60.9599990844727	UTM RC 5	margin of error : 1			•	ng WL 31.7	(mbgs)	47.5 (masl)
				g				p Rate 136.4	(LPM)	1 / 0 Hr / Min
		/ Commerical	Water Supply		Depth (m)	Elev (masl)	Spec	c. Cap. 4.66	(LPM/m)	mr / Iviin
		Water Found 7.6 (mbgs)	71.6 (masl)	FRESH	0.0	79.2	Color		Soil Desc	riptions
		Street								
		Town/City								
					1.5	77.7		CLAY /		1
								CLAY /		1
					61.0	18.3	GREY	LIMESTONE /		1
							GREY	LIMESTONE /		1
150	08924	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	LETON	Flo	wing? N		
Date	3/16/1951	Elev 74.7 (masl)	Easting 441031	Northing	5025482			SWL 1.8	(mbgs)	72.9 (masl)
Date	DDMMYY	Well_Depth_m: 18.8976001739502	UTM RC 9	unknown UTM	3023462		•	ng WL 3.0	(mbgs)	71.6 (masl)
	DDIMINITI	Weii_Deptii_III. 18.8970001739302	OTHITCO 5	unknown onw				p Rate 27.3	(LPM)	0 / 30
		/ Domestic	Water Supply		Depth (m)	Elev (masl)	Spec	c. Cap. 22.37	(LPM/m)	Hr / Min
		Water Found 18.9 (mbgs)	55.8 (masl)	FRESH	0.0	74.7	Color		Soil Desc	riptions
		Street								•
		Town/City								
					3.0	71.6		CLAY /		1
					18.9	55.8		LIMESTONE /		1
151	08925	Lot Conc		OTTAWA	A CITY / OTTAWA-CARI	I ETON	Flo	wing? N		
130	00923	Lot Conc		OTTAWA	A CITT / OTTAWA-CAN	LLTON	110	SWL 1.5	(mbgs)	73.5 (masl)
Date	4/20/1951	Elev 75.0 (masl)	Easting 440851	Northing	5025462		Pumpi	ng WL 3.0	(mbgs)	72.0 (masl)
	DDMMYY	Well_Depth_m: 24.3840007781982	UTM RC 9	unknown UTM			Pum	p Rate	(LPM)	, ,
		/ Domestic	Water Supply				Spec	c. Сар.	(LPM/m)	Hr / Min
		Water Found 21.3 (mbgs)	53.7 (masl)	FRESH	Depth (m)	Elev (masl)				
		Street	,		0.0	75.0	Color		Soil Desc	criptions
		Town/City								
		•			0.4	70.0		01.437		,
					2.1 3.4	72.9 71.7		CLAY / GRAVEL /		1
					24.4	50.6	BLUE	SHALE /		1
4-	10000			TTAIA/A OIT/ (1:5						,
15	10606	Lot 030 Conc 01	C	TIAWA CITY (NEI	PEAN) / OTTAWA-CARI	LETON	Flo	wing? N SWL 0.9	(mbgs)	75.0 (mool)
	6/17/1949	Elev 75.9 (masl)	Easting 440801	Northing	5025547		Dumni	SWL 0.9 ng WL	(mbgs) (mbgs)	75.0 (masl) (masl)
Date	DDMMYY	Well_Depth_m: 19.5072002410889	UTM RC 9	unknown UTM			•	p Rate	(IIIDgs) (LPM)	1 / 0
Date			\Mt-= 0 '					c. Cap.	(LPM/m)	Hr / Min
Date		/ Domestic	Water Supply	EDECLI	Depth (m)	Elev (masl)	•	wh.	, ,	
Date		Water Found 40.0 ()		FRESH	0.0	75.9	Color		Soil Desc	riptions
Date		Water Found 18.3 (mbgs)	57.6 (masl)							
Date		Street	57.6 (masi)							
Date		, ,	57.6 (masi)							
Date		Street	57.6 (masi)		3.4	72.5		BOULDERS /	CL	AY /

	d #				Based on Ministry of E	nvironinent wa	iter wen information Databa	ase Deci	ember 31, 2016	, available online) .
1510608	8	Lot 030 Conc 01	0	TTAWA CITY (NEP	EAN) / OTTAWA-CARI	ETON	Flowing? N				
Date 6/21/		Elev 76.5 (masl) Well_Depth_m: 20.1168003082275	Easting 440786 UTM RC 9	Northing unknown UTM	5025562		SWL Pumping WL Pump Rate Spec. Cap.	1.2	(mbgs) (LPM)	5.3 (masl) (masl) 1 / 0	
		/ Domestic Water Found 18.9 (mbgs) Street Town/City	Water Supply 57.6 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 76.5	Color		(LPM/m) Soil Descriptio	Hr / Min ns	
					3.4	73.1		DERS /	CLAY	1	
1510600	0	Let 020 Cone 01		TTAWA CITY (NED	EAN) / OTTAWA-CARI	56.4	Flowing? N	STONE /		1	
1510609		Lot 030 Conc 01		,	,	LION	SWL	1.2	(mbgs) 7	4.7 (masl)	
Date 6/14/		Elev 75.9 (masl) Well_Depth_m: 19.5072002410889	Easting 440801 UTM RC 9	Northing unknown UTM	5025552		Pumping WL Pump Rate	1.2	(LPM)	4.7 (masl) 1 / 0	
		/ Domestic Water Found 18.3 (mbgs) Street Town/City	Water Supply 57.7 (masl)	FRESH	Depth (m) 0.0	Elev (masl) 75.9	Spec. Cap. 9,	999.99	(LPM/m) Soil Descriptio	Hr / Min ns	
					3.0 19.5	72.9 56.4		DERS /	CLAY	/ /	
1536753	3	Lot Conc		OTTAWA	CITY / OTTAWA-CARL	.ETON	Flowing?				
Pate 8/14/2	2006	Elev 77.0 (masl) Well_Depth_m: 3.90000009536743	Easting 441494 UTM RC 3 Abandoned-Other	Northing margin of error : 10			SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min	
		Water Found (mbgs) Street 1607 CARLING AV Town/City OTTAWA	(masl)		Depth (m) 0.0	Elev (masl) 77.0	Color		Soil Descriptio	ns	
					3.9	73.1				1	
7043268	8	Lot Conc		OTTAWA	CITY / OTTAWA-CARL	ETON	Flowing? SWL		(mbgo)	(masl)	
DDM		Elev 78.2 (masl) Well_Depth_m: 4.57000017166138	Easting 441867 UTM RC 3	Northing margin of error : 10	5025326 - 30 m		Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masi) (masl) / Hr / Min	
		/ Water Found (mbgs)	Abandoned-Other (masl)		Depth (m)	Elev (masl)	• •		, ,		
		Street 880 LADY ELLEN Town/City OTTAWA	,		0.0	78.2	Color		Soil Descriptio	ns	
					1.2	77.0	BROWN	FILL /	GRAVEL	1	
					2.4 4.0	75.8 74.3	BROWN GREY	SAND / SILT /	SILT SAND	/	
					4.6	73.7	GREY	SILT /	SAND	,	
7114836	6	Lot Conc		OTTAWA	CITY / OTTAWA-CARL	ETON	Flowing?				
ate DDM	IMYY	Elev 77.7 (masl) Well_Depth_m: 5.48640012741089	Easting 441393 UTM RC 3	Northing margin of error : 10	5025180 - 30 m		SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min	
		/ Monitoring Water Found (mbgs) Street 861 CLYDE AVE. Town/City Ottawa	Test Hole (masl)		Depth (m) 0.0	Elev (masl) 77.7	Color		Soil Descriptio		

Record Count 30

II Record #			В	ased on Millistry of E	invironment wa	ater Well Info	ormation Database Dec	5111Del 31, 2010,	, available offilite.
				1.7	76.0	BROWN	FILL /	GRAVEL	/ LOOSE
					76.1	BROWN	FILL /	GRAVEL	/ LOOSE
						BROWN	FILL /	GRAVEL	/ LOOSE
					76.0	BROWN	FILL /	GRAVEL	/ LOOSE
					70.0	BROWN	FILL /	GRAVEL	/ LOOSE
						BROWN	FILL /	GRAVEL	/ LOOSE
						BROWN	FILL /	GRAVEL	/ LOOSE
						BROWN	FILL /	GRAVEL	/ LOOSE
						BROWN	FILL /	GRAVEL	/ LOOSE
						BROWN	FILL /	GRAVEL	/ LOOSE
				5.5	72.2	GREY	LIMESTONE /		1
						GREY	LIMESTONE /		1
						GREY	LIMESTONE /		1
						GREY	LIMESTONE /		1
						GREY	LIMESTONE /		1
						GREY	LIMESTONE /		,
						GREY	LIMESTONE /		1
									/
						GREY	LIMESTONE /		•
						GREY	LIMESTONE /		/
						GREY	LIMESTONE /		1
7117494	Lot Conc		OTTAWA C	ITY / OTTAWA-CARL	ETON		Flowing?	(mhaa)	(me al)
12/4/2008	Elev 77.7 (masl)	Easting 441406	Northing	5025165			SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 3.04800009727478	UTM RC 3	margin of error : 10 -			,	Pumping WL	(mbgs)	(masl)
	::o::_2op:::::: 5:0 :0000009727170	•	margin or circle. To	00 III			Pump Rate	(LPM)	1
	/ Monitoring	Test Hole		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)		0.0	77.7	Color		Call Danamintia	
	Street 861 CLYDE AVE	, ,		0.0	11.1	Color		Soil Description	lis
	Town/City Ottawa								
	Town/City Ottawa			1.2	76.4	BROWN	SAND /	SILT	I
	Town/City Ottawa			1.2	76.4 76.5	BROWN BROWN	SAND / SAND /	SILT SILT	/ /
	Townsorty Ottawa			1.2	76.5	BROWN	SAND /	SILT	1
	Townself Ollawa			1.2		BROWN BROWN	SAND /	SILT SILT	1
	Townsely Ollawa			1.2	76.5	BROWN BROWN BROWN	SAND / SAND /	SILT SILT SILT	
	Townsely Ollawa			1.2	76.5	BROWN BROWN BROWN BROWN	SAND / SAND / SAND /	SILT SILT SILT SILT	/ / /
	Townicity Ollawa			1.2	76.5	BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND /	SILT SILT SILT SILT SILT	/ / / /
	Townsely Ollawa			1.2	76.5 76.4	BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND / SAND /	SILT SILT SILT SILT SILT SILT	/ / / /
	Townsely Ollawa			1.2	76.5	BROWN BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND / SAND /	SILT SILT SILT SILT SILT SILT SILT	
	Townsely Ollawa			1.2	76.5 76.4	BROWN BROWN BROWN BROWN BROWN	SAND /	SILT SILT SILT SILT SILT SILT	
	Townsely Ollawa			1.2	76.5 76.4	BROWN BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND / SAND /	SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4	BROWN BROWN BROWN BROWN BROWN BROWN BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsely Ollawa			1.2	76.5 76.4	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsely Ollawa			1.2	76.5 76.4 76.5	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4 76.5	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4 76.5 76.6 77.1	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4 76.5 76.6 77.1 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4 76.5 76.6 77.1 76.6 76.5	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4 76.5 76.6 77.1 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townsety Ottawa			1.2	76.5 76.4 76.5 76.6 77.1 76.6 76.5	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townroity Ottawa			1.2	76.5 76.4 76.5 76.6 77.1 76.6 76.5	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townroity Ottawa			1.2	76.5 76.6 76.6 76.6 76.5 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townroity Ottawa			1.2	76.5 76.4 76.6 76.6 76.5 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townroity Ottawa			1.2	76.5 76.6 76.6 76.6 76.5 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townroity Ottawa			1.2	76.5 76.4 76.6 76.6 76.5 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	
	Townroity Ottawa			1.2	76.5 76.4 76.6 76.6 76.5 76.6	BROWN	SAND /	SILT SILT SILT SILT SILT SILT SILT SILT	

Well	Record	1#
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istry of	Environment	Water Well Information	Database December	r 31, 2016,	available o
1.2	76.4	BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	1
	76.6	BROWN	SAND /	SILT	1
	77.1	BROWN	SAND /	SILT	1
	76.6	BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	1
	79.5	BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	1
		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	,
	77.1	BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	,
	77.2	BROWN	SAND /	SILT	,
	11.2	BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	1
		BROWN	SAND /		1
		BROWN		SILT	/
	77.1	BROWN	SAND / SAND /	SILT SILT	1
	76.6	BROWN	SAND /	SILT	,
	70.0	BROWN	SAND /	SILT	1
					1
		BROWN BROWN	SAND /	SILT	,
		BROWN	SAND / SAND /	SILT SILT	1
		BROWN	SAND /		,
				SILT	1
		BROWN	SAND /	SILT	1
	76.7	BROWN	SAND /	SILT	,
	76.7	BROWN	SAND / SAND /	SILT	1
	76.4	BROWN		SILT	,
	76.6	BROWN	SAND /	SILT	,
	76.4	BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	1
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	,
		BROWN	SAND /	SILT	/
	76.6	BROWN	SAND /	SILT	1
	76.6	BROWN	SAND /	SILT	
	76.7	BROWN	SAND /	SILT	/
		BROWN	SAND /	SILT	/
	70.0	BROWN	SAND /	SILT	/
	76.6	BROWN	SAND /	SILT	1

Well Record #	Based on Ministry of E	nvironment V	Vater Well Inform	ation Database Decem	ber 31, 2016,	available online.
	1.2	76.7	BROWN	SAND /	SILT	1
		76.6	BROWN	SAND /	SILT	1
			BROWN	SAND /	SILT	1
		76.7	BROWN	SAND /	SILT	1
			BROWN	SAND /	SILT	/
			BROWN	SAND /	SILT	/
		76.6	BROWN	SAND /	SILT	/
		76.7	BROWN	SAND /	SILT	1
	3.0	75.4	GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
		77.7	GREY	LIMESTONE /		/
		75.4	GREY	LIMESTONE /		/
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		/
		74.9	GREY	LIMESTONE /		/
		75.4	GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
		77.7	GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		,
		75.4	GREY	LIMESTONE /		,
		75.3	GREY	LIMESTONE /		,
		74.9	GREY	LIMESTONE /		,
		75.3	GREY	LIMESTONE /		,
		70.0	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 /		,
		74.5	GREY	LIMESTONE /		,
		74.6				,
		74.6 74.9	GREY	LIMESTONE /		,
		74.9	GREY	LIMESTONE /		,
			GREY	LIMESTONE /		,
			GREY	LIMESTONE /		,
			GREY	LIMESTONE /		/
		77.7	GREY	LIMESTONE /		1
		75.3	GREY	LIMESTONE /		1
		74.8	GREY	LIMESTONE /		1
		74.7	GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		/
			GREY	LIMESTONE /		1
			GREY	LIMESTONE /		1
		74.8	GREY	LIMESTONE /		1
			CPEV	LIMESTONE /		1

GREY

GREY

LIMESTONE /

LIMESTONE /

Thursday, July 21, 2022

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II Record #		Based on	Ministry of E	nvironment Wa	ter Well Info	ormation Database Dece	ember 31, 2016,	available online.
			3.0	74.7	GREY	LIMESTONE /		
			0.0	74.8	GREY	LIMESTONE /		,
					GREY	LIMESTONE /		. /
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY			,
				74.7		LIMESTONE /		,
				74.7	GREY	LIMESTONE /		/
				74.9	GREY	LIMESTONE /		/
				74.8	GREY	LIMESTONE /		/
				74.7	GREY	LIMESTONE /		1
				74.8	GREY	LIMESTONE /		/
				74.7	GREY	LIMESTONE /		/
				74.8	GREY	LIMESTONE /		/
				74.7	GREY	LIMESTONE /		/
					GREY	LIMESTONE /		/
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		/
				74.6	GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		/
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		1
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		. /
					GREY	LIMESTONE /		
					GREY	LIMESTONE /		
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
					GREY	LIMESTONE /		,
		OTT			OILLI			·
7119477 Lot Conc		OTTAWA CITY / OT	ı ı AWA-CARL	E FON		Flowing?	(b)	(m. 1)
1/12/2009 Elev 78.6 (masl)	Easting 441363	Northing 5025194				SWL	(mbgs)	(masl)
DDMMYY Well_Depth_m: 9.5	UTM RC 3	margin of error : 10 - 30 m				Pumping WL	(mbgs)	(masl)
	·					Pump Rate	(LPM)	/
/ Monitoring T	Test Hole		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
Water Found (mbgs) Street 861 CLYDE AVE Town/City Ottawa	(masl)		0.0	78.6	Color		Soil Description	ns
			9.5	69.1	BROWN	SAND /	CLAY	1
			3.0	69.2	BROWN	SAND /	CLAY	,
				09.2				,
				09.2	BROWN BROWN	SAND / SAND /	CLAY CLAY	, , ,

nistry of E	nvironment W	ater Well Informati	on Database Decembe	er 31, 2016	, availabl
9.5	69.2	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
	69.1	BROWN	SAND /	CLAY	1
	69.2	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
	69.0	BROWN	SAND /	CLAY	1
	69.2	BROWN	SAND /	CLAY	1
	69.1	BROWN	SAND /	CLAY	1
	69.2	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
	69.0	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
	69.2	BROWN	SAND /	CLAY	1
	69.1	BROWN	SAND /	CLAY	1
	68.0	BROWN	SAND /	CLAY	1
	69.4	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
	69.1	BROWN	SAND /	CLAY	1
	69.4	BROWN	SAND /	CLAY	1
	69.1	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	/
	69.3	BROWN	SAND /	CLAY	1
	68.8	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1

Thursday, July 21, 2022

Page 12 of 63 Record Count 32

				o. o., _o.o,	
9.5	68.8	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	1
	69.3	BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	1
	68.8	BROWN	SAND /	CLAY	/
	69.3	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	/
	71.4	BROWN	SAND /	CLAY	/
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		BROWN	SAND /	CLAY	1
		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	1
	68.8	BROWN	SAND /	CLAY	1
	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	1
	68.0	BROWN	SAND /	CLAY	/
	68.8	BROWN	SAND /	CLAY	1
	68.0	BROWN	SAND /	CLAY	1
	00.0	BROWN	SAND /	CLAY	,
		BROWN	SAND /	CLAY	,
		BROWN	SAND /	CLAY	,
		BROWN	SAND /	CLAY	,
		BROWN	SAND /	CLAY	,
		BROWN	SAND /	CLAY	,
		5	S	O	

Thursday, July 21, 2022

Vell Recor	·d #			Based on	Ministry of E	Environment Wa	ater Well Information	Database Dec	ember 31, 2016	6, available o
711947	'8 Lot	Conc		OTTAWA CITY / O	TTAWA-CAR	LETON	Flowi	-		
	/2009 Elev //MYY Well_Depth_m	79.5 (masl): 4.57000017166138	Easting 441403 UTM RC 3	Northing 5025080 margin of error : 10 - 30 m)		Pumping Pump R	ate	(mbgs) (mbgs) (LPM)	(mas (mas
	Water Fou	/ Monitoring and Te	e (masl)		Depth (m)	Elev (masl)	Spec. C	ар.	(LPM/m)	Hr / Min
	Street Town/City	861 CLYDE STREET	, ,		0.0	79.5	Color		Soil Description	ons
					2.7	76.8	BROWN	SAND /		/
						77.8	BROWN	SAND /	SILT	/
					4.6	76.0	GREY	LIMESTONE /		/
						74.9	GREY	LIMESTONE /		/
711947	'9 Lot	Conc		OTTAWA CITY / O	TTAWA-CAR	LETON	Flowin	ng?		
	/2009 Elev //MYY Well_Depth_m	82.0 (masl): 3.96000003814697	Easting 441430 UTM RC 3	Northing 5025086 margin of error : 10 - 30 m	3		Pumping Pump R	ate	(mbgs) (mbgs) (LPM)	(ma: (ma: /
		/ Monitoring			Depth (m)	Elev (masl)	Spec. C	ap.	(LPM/m)	Hr / Min
	Water Fou Street Town/City	861 CLYDE AVE.	(masl)		0.0	82.0	Color		Soil Description	ons
					0.1	81.9	BLACK	OTHER /		/
						77.9	BLACK	OTHER /		/
							BLACK	OTHER /		/
							BLACK	OTHER /		/
						81.9	BLACK	OTHER /		/
							BLACK	OTHER /		1
							BLACK	OTHER /		/
							BLACK	OTHER /		/
							BLACK	OTHER /		/
							BLACK	OTHER /		/
						78.2	BLACK BLACK	OTHER /		1
						78.2 81.9	BLACK	OTHER /		,
						01.9	DLACK	OTHER /		1

77.9

81.9

78.2

81.0

77.5

78.2

77.9

78.2

77.9

78.2

BLACK

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nistry of Environm	ent Water Well Informatio	n Database December 31	, 2016, available
0.1 81.0) BLACK	OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	/
77.5	5 BLACK	OTHER /	1
77.7		OTHER /	1
77.5	5 BLACK	OTHER /	1
78.2		OTHER /	1
77.9		OTHER /	1
	BLACK	OTHER /	1
	BLACK	OTHER /	,
	BLACK	OTHER /	,
	BLACK	OTHER /	,
	BLACK	OTHER /	,
81.0		OTHER /	,
79.0		OTHER /	,
77.5		OTHER /	,
11.	BLACK	OTHER /	,
79.0		OTHER /	,
79.0		OTHER /	,
	BLACK		,
	BLACK	OTHER /	,
0.4	BLACK	OTHER /	/
81.0		OTHER /	/
79.0		OTHER /	/
77.5		OTHER /	/
79.0		OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	/
77.5		OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	1
	BLACK	OTHER /	1
79.0) BLACK	OTHER /	1
79.2	2 BLACK	OTHER /	1
77.9	BLACK	OTHER /	1
	BLACK	OTHER /	1
	BLACK	OTHER /	1
	BLACK	OTHER /	1
	BLACK	OTHER /	1
79.2	2 BLACK	OTHER /	/
	BLACK	OTHER /	/
	BLACK	OTHER /	1
77.7	7 BLACK	OTHER /	1
79.2	2 BLACK	OTHER /	1
	BLACK	OTHER /	1
78.2	2 BLACK	OTHER /	1
79.2		OTHER /	/
	BLACK	OTHER /	/
77.9		OTHER /	1
	BLACK	OTHER /	1
76.7		OTHER /	1
70.1	BLACK	OTHER /	,
	BLACK	OTHER /	,
	DLAON	OTTLK /	,

willistry of E	Invironment wa	iter wen information	Database December	31, 2010,	available Oil
0.1	76.7	BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
	79.2	BLACK	OTHER /		1
	77.7	BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		1
		BLACK	OTHER /		/
	78.2	BLACK	OTHER /		/
		BLACK	OTHER /		/
	77.7	BLACK	OTHER /		/
		BLACK	OTHER /		/
	78.2	BLACK	OTHER /		1
		BLACK	OTHER /		1
	79.2	BLACK	OTHER /		1
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
	77.4	BROWN	GRAVEL /	SAND	/ FILL
	77.1	BROWN	GRAVEL /	SAND	/ FILL
	76.7	BROWN	GRAVEL /	SAND	/ FILL
	76.7	BROWN BROWN	GRAVEL / GRAVEL /	SAND	/ FILL / FILL
	77.1			SAND	
	76.9	BROWN	GRAVEL /	SAND	/ FILL
	77.1	BROWN BROWN	GRAVEL / GRAVEL /	SAND SAND	/ FILL / FILL
	11.1	BROWN	GRAVEL /	SAND	/ FILL
		BROWN	GRAVEL /	SAND	/ FILL
	75.9	BROWN	GRAVEL /	SAND	/ FILL
	75.9 77.1	BROWN	GRAVEL /	SAND	/ FILL
	76.7	BROWN	GRAVEL /	SAND	/ FILL
	77.1	BROWN	GRAVEL /	SAND	/ FILL

inistry of E	environment w	ater well information	n Database Decembe	r 31, 2016	, available onli
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

Thursday, July 21, 2022 Record Count 34

Well F	Record #
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				. ,,	
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 /		/ 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 /		1
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		1
		GREY	LIMESTONE /		1
		GREY	LIMESTONE /		/
		GREY	LIMESTONE /		1
	74.0	GREY	LIMESTONE /		1
	74.3	GREY	LIMESTONE /		1
	75.4	GREY	LIMESTONE /		/
	74.3	GREY	LIMESTONE /		1
	73.7	GREY	LIMESTONE /		1
		GREY	LIMESTONE /		/

Well Record #	Based on Ministry of Env	ironment W	ater Well Inform	ation Database December 31	, 2016, available online.
	4.0	73.7	GREY	LIMESTONE /	1
		78.1	GREY	LIMESTONE /	1
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	1
		73.9	GREY	LIMESTONE /	1
		78.1	GREY	LIMESTONE /	,
		73.7	GREY	LIMESTONE /	,
		74.3	GREY	LIMESTONE /	,
		74.0	GREY	LIMESTONE /	,
			GREY	LIMESTONE /	,
			GREY	LIMESTONE /	,
			GREY	LIMESTONE /	1
			GREY	LIMESTONE /	,
			GREY	LIMESTONE /	1
		73.9	GREY	LIMESTONE /	,
		13.3	GREY	LIMESTONE /	,
			GREY	LIMESTONE /	,
			GREY	LIMESTONE /	,
		78.1	GREY	LIMESTONE /	,
		77.1	GREY	LIMESTONE /	,
		74.0	GREY	LIMESTONE /	,
		74.0	GREY	LIMESTONE /	,
			GREY		,
		77.4		LIMESTONE /	,
		77.1	GREY GREY	LIMESTONE /	,
				LIMESTONE /	,
			GREY	LIMESTONE /	,
			GREY	LIMESTONE /	/
			GREY	LIMESTONE /	/
		74.0	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 /	1
		77.1	GREY	LIMESTONE /	1
		74.3	GREY	LIMESTONE /	1
		74.1	GREY	LIMESTONE /	1
			GREY	LIMESTONE /	1
			GREY	LIMESTONE /	1
			GREY	LIMESTONE /	1
			GREY	LIMESTONE /	1
			ODEV	LIMEOTONE /	1

GREY

GREY

75.2

LIMESTONE /

LIMESTONE /

/ell Record #				Based on Ministry of I	Environment Wa	ater Well Inform	nation Database Dec	ember 31, 2016,	avallable online.
				4.0	74.1	GREY	LIMESTONE /		1
						GREY	LIMESTONE /		,
					74.0	GREY	LIMESTONE /		,
					74.3	GREY	LIMESTONE /		,
					74.5	GREY	LIMESTONE /		,
					74.0	GREY	LIMESTONE /		,
					74.0	GREY	LIMESTONE /		,
									,
					74.4	GREY	LIMESTONE /		,
					74.1	GREY	LIMESTONE /		,
					74.0	GREY	LIMESTONE /		,
					74.3	GREY	LIMESTONE /		/
						GREY	LIMESTONE /		/
						GREY	LIMESTONE /		/
						GREY	LIMESTONE /		/
						GREY	LIMESTONE /		/
						GREY	LIMESTONE /		1
					74.0	GREY	LIMESTONE /		1
7136552	Lot Conc		NEPEAN TOWN	ISHIP / OTTAWA-CAR	LETON		Flowing?		
1 100002	Lot Colle		.12. 2.01 10001	.c CII/W/I-OAI		•	SWL	(mbgs)	(masl)
te 11/2/2009	Elev (masl) Easting	441941	Northing	5025275		Dun	nping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 3.96000003814697	UTM RC 4	margin of error : 30) m - 100 m			ımp Rate	(LPM)	(111031)
			ū				•		/
	/ Monitoring and Te Monitoring	ng and Test Ho	le	Depth (m)	Elev (masl)	ગ	рес. Сар.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)		0.0		Color		Soil Description	ıs
	Street 881 LADY ELLEN PLACE			0.0		20.0.			
	Town/City Ottawa								
	•								
				0.6		BROWN	FILL /	STONES	/ LOOSE
				2.4		BROWN	SAND /	SILT	/ LOOSE
				2.4 4.0		BROWN GREY	SAND / SILT /	SILT SAND	/ LOOSE / HARD
7136553	Lot Conc		OTTAWA		LETON	GREY	SILT /		
		444990		4.0 CITY / OTTAWA-CAR	LETON	GREY	SILT /		
te 11/2/2009	Elev 76.8 (masl) Easting		Northing	4.0 CITY / OTTAWA-CAR 5025408	LETON	GREY	SILT /	SAND	/ HARD
	Elev 76.8 (masl) Easting	441880 UTM RC 4		4.0 CITY / OTTAWA-CAR 5025408	LETON	GREY I	SILT / Flowing? SWL	SAND (mbgs)	/ HARD
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m		GREY I	SILT / Flowing? SWL nping WL	SAND (mbgs) (mbgs)	/ HARD
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 I / Monitoring and Te Observation / Depth (mask) / Depth (mask)	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m)	Elev (masi)	GREY I	SILT / Flowing? SWL nping WL ump Rate	(mbgs) (mbgs) (LPM)	/ HARD (masl) (masl)
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat Water Found (mbgs)	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m		GREY I	SILT / Flowing? SWL nping WL ump Rate	(mbgs) (mbgs) (LPM)	/ HARD (masl) (masl) / Hr / Min
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m)	Elev (masi)	GREY Pun Pu	SILT / Flowing? SWL nping WL ump Rate	(mbgs) (mbgs) (LPM) (LPM/m)	/ HARD (masl) (masl) / Hr / Min
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat Water Found (mbgs)	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m)	Elev (masi)	GREY Pun Pu	SILT / Flowing? SWL nping WL ump Rate	(mbgs) (mbgs) (LPM) (LPM/m)	/ HARD (masl) (masl) / Hr / Min
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 0 m - 100 m Depth (m) 0.0	Elev (masl) 76.8	GREY Pun Pt St	SILT / Flowing? SWL nping WL ump Rate pec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ HARD (masl) (masl) / Hr / Min
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m) 0.0	Elev (masi) 76.8	GREY Pun Pu Sı Color	SILT / Flowing? SWL nping WL ump Rate pec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ HARD (masl) (masl) / Hr / Min
e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE	UTM RC 4	Northing	4.0 CITY / OTTAWA-CAR 5025408 0 m - 100 m Depth (m) 0.0 0.6 1.8	Flev (masl) 76.8 76.2 75.0	GREY Pun Pu Si Color BROWN BROWN	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE
te 11/2/2009 DDMMYY	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE	UTM RC 4	Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 0 m - 100 m Depth (m) 0.0 0.6 1.8 4.3	Flev (masl) 76.8 76.2 75.0 72.6	GREY Pum Pu Si Color BROWN BROWN GREY	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ HARD (masl) (masl) / Hr / Min
te 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE	UTM RC 4	Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 0 m - 100 m Depth (m) 0.0 0.6 1.8	Flev (masl) 76.8 76.2 75.0 72.6	GREY Pum Pu Si Color BROWN BROWN GREY	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE
11/2/2009 DDMMYY	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 / Monitoring and Te Observat Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa Lot Conc	UTM RC 4 tion Wells (masl)	Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408) m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR	Flev (masl) 76.8 76.2 75.0 72.6	GREY Pum Pu Si Color BROWN BROWN GREY	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs)	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE
P 11/2/2009 DDMMYY 7136554 P 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa Lot Conc Elev 78.0 (masl) Easting	UTM RC 4 tion Wells (masl)	Northing margin of error : 30 OTTAWA Northing	4.0 CITY / OTTAWA-CAR 5025408) m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341	Flev (masl) 76.8 76.2 75.0 72.6	GREY Pun Pu Si Color BROWN BROWN GREY	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING
e 11/2/2009 DDMMYY 7136554	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 U / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa Lot Conc Elev 78.0 (masl) Easting	UTM RC 4 tion Wells (masl)	Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408) m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341	Flev (masl) 76.8 76.2 75.0 72.6	GREY Pum Pt Si Color BROWN BROWN GREY	SILT / Flowing? SWL pping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SILT / SILT /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs)	/ HARD (masl) (masl) / Hr / Min ss / LOOSE / DENSE / WATER-BEARING (masl)
P 11/2/2009 DDMMYY 7136554 P 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 / Monitoring and Te Observat Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa Lot Conc Elev 78.0 (masl) Easting Well_Depth_m: 4.88000011444092	UTM RC 4 dition Wells (masl) 441869	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Pepth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m	Flev (masl) 76.8 76.2 75.0 72.6 LETON	GREY Pum Pt St Color BROWN BROWN GREY Pum Pt	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SIDPING WL nping WL	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs)	/ HARD (masl) (masl) / Hr / Min ss / LOOSE / DENSE / WATER-BEARING (masl)
7136554 e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651 / Monitoring and Te Observat (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa Lot Conc Elev 78.0 (masl) Easting Well_Depth_m: 4.88000011444092 / Monitoring and Te Monitoring	UTM RC 4 tion Wells (masl) 441869 UTM RC 4 ng and Test Ho	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m Depth (m)	Flev (masl) 76.8 76.2 75.0 72.6 LETON Elev (masl)	GREY Pum Pic Sp Color BROWN BROWN GREY Pum Pic Sp	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SIDPING WL ump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM) (LPM/m)	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min
Pe 11/2/2009 DDMMYY 7136554 e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4 dition Wells (masl) 441869	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Pepth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m	Flev (masl) 76.8 76.2 75.0 72.6 LETON	GREY Pum Pt St Color BROWN BROWN GREY Pum Pt	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SIDPING WL ump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM)	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min
7136554 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4 tion Wells (masl) 441869 UTM RC 4 ng and Test Ho	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m Depth (m)	Flev (masl) 76.8 76.2 75.0 72.6 LETON Elev (masl)	GREY Pum Pic Sp Color BROWN BROWN GREY Pum Pic Sp	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SIDPING WL ump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM) (LPM/m)	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min
Pe 11/2/2009 DDMMYY 7136554 e 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4 tion Wells (masl) 441869 UTM RC 4 ng and Test Ho	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m Depth (m)	Flev (masl) 76.8 76.2 75.0 72.6 LETON Elev (masl)	GREY Pum Pic Sp Color BROWN BROWN GREY Pum Pic Sp	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SIDPING WL ump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM) (LPM/m)	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min
7136554 ie 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4 tion Wells (masl) 441869 UTM RC 4 ng and Test Ho	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m Depth (m) 0.0	Flev (masl) 76.8 76.2 75.0 72.6 LETON Flev (masl) 78.0	GREY Pun Pt St Color BROWN BROWN GREY Pun Pt St Color	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SILT / SILT / Apping WL ump Rate pec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min
7136554 ie 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4 tion Wells (masl) 441869 UTM RC 4 ng and Test Ho	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 0 m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 0 m - 100 m Depth (m) 0.0	Flev (masl) 76.8 76.2 75.0 72.6 LETON Flev (masl) 78.0 77.4	GREY Pum Ptc Sp Color BROWN BROWN GREY Pum Ptc Sp Color BROWN	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / Flowing? SWL nping WL ump Rate pec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ HARD (masl) (masl) / Hr / Min is / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min is
7136554 te 11/2/2009	Elev 76.8 (masl) Easting Well_Depth_m: 4.26999998092651	UTM RC 4 tion Wells (masl) 441869 UTM RC 4 ng and Test Ho	Northing margin of error : 30 OTTAWA Northing margin of error : 30	4.0 CITY / OTTAWA-CAR 5025408 m - 100 m Depth (m) 0.0 0.6 1.8 4.3 CITY / OTTAWA-CAR 5025341 m - 100 m Depth (m) 0.0	Flev (masl) 76.8 76.2 75.0 72.6 LETON Flev (masl) 78.0	GREY Pun Pt St Color BROWN BROWN GREY Pun Pt St Color	SILT / Flowing? SWL nping WL ump Rate pec. Cap. FILL / SILT / SILT / SILT / SILT / SILT / Apping WL ump Rate pec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description SAND CLAY CLAY (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ HARD (masl) (masl) / Hr / Min IS / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min

7139974 Lot Conc OTTAWA CIT	Y / OTTAWA-CARL	ETON	F	lowing?		
ate 8/14/2009 Elev 67.6 (masl) Easting 441295 Northing 50 DDMMYY Well_Depth_m: 6 UTM RC 4 margin of error : 30 m -	026966 100 m		Pui	SWL bing WL np Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
	Depth (m)	Elev (masl)	Sp	ec. Cap.	(LPM/m)	Hr / Min
Water Found (mbgs) (masl) Street TWEENMUIR AT CLARE ST Town/City Ottawa	0.0	67.6	Color		Soil Descriptions	:
	0.2	67.4		/		1
		76.6				
				,		1
		76.0		/		1
				/		1
		67.4		/		1
	0.4	75.8	GREY	STONES /		1
			GREY	STONES /		1
		67.2	GREY	STONES /		1
		76.4	GREY	STONES /		1
			GREY	STONES /		1
		67.2	GREY	STONES /		1
	1.4	75.4	BROWN	FILL /		/ SILT
			BROWN	FILL /		/ SILT
		74.8	BROWN	FILL /		/ SILT
			BROWN	FILL /		/ SILT
		66.2	BROWN	FILL /		/ SILT
			BROWN	FILL /		/ SILT
	4.4	72.4	GREY	CLAY /		1
		71.8	GREY	CLAY /		1
		63.2	GREY	CLAY /		1
			GREY	CLAY /		/
		72.4	GREY	CLAY /		/
		71.8	GREY	CLAY /		/
	6.0	70.8	GREY	ROCK /		1
			GREY	ROCK /		/
		70.2	GREY	ROCK /		1
		24.2	GREY	ROCK /		1
		61.6	GREY	ROCK /		/
			GREY	ROCK /	LIMESTONE	ı
7147062 Lot Conc OTTAWA CIT	Y / OTTAWA-CARL	ETON	F	owing?		
ate 5/12/2010 Elev 78.8 (masl) Easting 441962 Northing 50	025324			SWL	(mbgs)	(masl)
	020024			oing WL	(mbgs)	(masl)
	100 m			np Rate	(LPM)	/
DDMMYY Well_Depth_m: 5.78999996185303 UTM RC 4 margin of error : 30 m -	100 m			•		
/ Monitoring and Te Monitoring and Test Hole		Fley (masl)		ec. Cap.	(LPM/m)	Hr / Min
/ Monitoring and Te Monitoring and Test Hole Water Found (mbgs) (masl) Street 1550 /1451 CARLING/COLDREY	Depth (m) 0.0	Elev (masl) 78.8		•		
/ Monitoring and Te Monitoring and Test Hole Water Found (mbgs) (masl)	Depth (m) 0.0	78.8	Sp.	ec. Cap.	(LPM/m) Soil Descriptions	,
/ Monitoring and Te Monitoring and Test Hole Water Found (mbgs) (masl) Street 1550 /1451 CARLING/COLDREY	Depth (m)		Spe	•	(LPM/m) Soil Descriptions GRAVEL	

Vell Re	cora #						Dased on	wiinistry of E	invironinent Wa	ater vveii ini	ormation Database Dec	ember 31, 2016,	avaliable Online.
714	7063	Lot	Conc			OTTAW	A CITY / OT	TAWA-CAR	LETON		Flowing?		
	5/12/2010 DDMMYY	Elev Well_Depth_m:	78.2 (masl) 5.78999996185303	Easting 44 UTM R	11946 C 4	Northing margin of error : 3	5025352 0 m - 100 m				SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
			/ Monitoring and	Te Monitoring and	Test Ho	le		Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Water Four	nd (mbgs	s) (ma	sl)			0.0	78.2	Color		Soil Description	ns
		Street Town/City	1550 CARLING A\ Ottawa	VENUE									
								4.6	73.7	BROWN	COARSE SAND /	HARD	/ DRY
								5.8	72.4	GREY	COARSE SAND /	GRAVEL	/ SILT
71/0	9495	Lot	Conc			OTTAWA	A CITY / OT				Flowing?		
			Conc					17.007.1	LLTON		SWL	(mbgs)	(masl)
	7/13/2010	Elev	(masl)	-	1701	Northing	5025233				Pumping WL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	9.14000034332275	UTM R	C 4	margin of error : 3	0 m - 100 m				Pump Rate	(LPM)	, ,
			/ Monitoring and	Te Test Hole							Spec. Cap.	(LPM/m)	Hr / Min
		Water Fou			sI)			Depth (m)	Elev (masl)			0-11 0	
			1551 LAPERRIER		<i>.</i> .,			0.0		Color		Soil Description	ıs
								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 BROWN	FILL / FILL /		/ LOOSE / 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

Thursday, July 21, 2022

DDMMYY Well_Depth_m: 5.789999015393												
March Marc	7150369	Lot Conc		OTTAWA	CITY / OTT	AWA-CARI	LETON			(b)	,	
		Well_Depth_m: 5.78999996185303	UTM RC 4	margin of error : 3	0 m - 100 m		-	Pumping V Pump Ra	/L te	(mbgs) (LPM)	(masl)	
Time Section Section		Water Found (mbgs) Street 1550 CARLING AVE.	(masl)	-	'	,		Color		Soil Descriptio	ns	
Second S												
Pumping W	7150370	Lot Conc		OTTAWA	CITY / OTT	AWA-CARI	LETON					
Water Found Wider Found		Well_Depth_m: 5.78999996185303	UTM RC 4	-				Pumping V Pump Ra	/L te	(mbgs) (LPM)	(masl)	
T T T T T T T T T T		Water Found (mbgs) Street 1550 CARLING AVE.	(masl)		1			•	-	, ,		
Section Sect	7150371	Lot Conc		OTTAWA	CITY / OTT	AWA-CARI	ETON	Flowing	j?			
Water Found (mbgs) (masl) (masl		Well_Depth_m: 5.78999996185303	UTM RC 4	margin of error : 3	0 m - 100 m			Pumping V Pump Ra	/L te	(mbgs) (LPM)	(masl)	
T150372		Water Found (mbgs) Street 1550 CARLING AVE.	(masl)		1	,		Color		Soil Descriptio	ns	
SWL (mbgs) (masl)												
Pumping WL	7150372	Lot Conc		OTTAWA	CITY / OTT	AWA-CARI	ETON					
Water Found (mbgs) (masl) (masl		Well_Depth_m: 5.78999996185303	UTM RC 4	margin of error : 3				Pumping V Pump Ra	/L te	(mbgs) (LPM)	(masl)	
T151896		Water Found (mbgs) Street 1550 CARLING AVE.	(masl)	e	ļ			•	-	,		
Northing Substitute Subst												
Section Figure Section Secti	7151896	Lot Conc		OTTAWA	CITY / OTT	AWA-CARI	ETON					
Water Found (mbgs) (masl) 0.0 Color Soil Descriptions Street 1551 LAPERRIER Town/City OTTAWA		Well_Depth_m: 5.78999996185303	UTM RC 2		- 10 m			Pumping V Pump Ra	/L te	(mbgs) (LPM)	(masl)	
0.6 GREY GRAVEL / FILL / LOOSE		Water Found (mbgs) Street 1551 LAPERRIER			1		Elev (masi)	Color		Soil Descriptio	ns	
						0.6		GREV	CDAVEL /	EILI	/ LOOSE	

			ca on ministry or E	invironinent wa	ater wen informatio	II Database Dec	ember 31, 2016,	available online.
			3.3 5.8		BROWN GREY	SAND / LIMESTONE /		/ SOFT / HARD
7154088	Lot Conc	OTTAWA CITY	/ / OTTAWA-CARI	ETON	Flow	ng?		
Date 10/15/2010 DDMMYY	Elev 79.1 (masl) Easting 4419 Well_Depth_m: 6.4000009536743 UTM RC	•	25311 m		Pumping Pump I		(mbgs) (mbgs) (LPM)	(masl) (masl)
	/ Monitoring and Te Monitoring and Tes	st Hole			Spec.		(LPM/m)	Hr / Min
	Water Found (mbgs) (masl)	THOIC	Depth (m) 0.0	Elev (masl) 79.1	Colon		Sail Decembrism	_
	Street 1479 LAPIERIERRE ST.		0.0	79.1	Color		Soil Description	S
	Town/City OTTAWA							
			0.9	78.2	BROWN	GRAVEL /	SAND	/ SOFT
			2.4	76.6	BROWN	FINE SAND /	SILT	/ SOFT
			5.8	73.3	BROWN	FINE SAND /	SILT	/ SOFT
			6.4	72.7	GREY	SILT /	SAND	/ GRAVEL
7154089	Lot Conc	OTTAWA CITY	/ / OTTAWA-CARI	ETON	Flow	ng?		
					;	SWL	(mbgs)	(masl)
Date 10/15/2010	Elev 79.9 (masl) Easting 4419	•	25274		Pumping	WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 7.32000017166138 UTM RC	3 margin of error: 10 - 30 n	m		Pump I	Rate	(LPM)	1
	/ Monitoring and Te Monitoring and Tes	st Hole	D 41- ()	E I (1)	Spec. (Сар.	(LPM/m)	Hr / Min
	Water Found (mbgs) (masl)		Depth (m) 0.0	Elev (masl) 79.9	Color		Soil Description	•
	Street 1479 LAPIERIERRE ST. Town/City OTTAWA		0.0	79.9	Color		3011 Descriptions	•
			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-CARI	_ETON	Flow	ng?		
Date 10/28/2010	Elev (masl) Easting 4413	OF Northing FO	05407		:	SWL	(mbgs)	(masl)
Date 10/28/2010 DDMMYY	Elev (masl) Easting 4413 Well_Depth_m: 7.01000022888184 UTM RC	•	25187		Pumping	WL	(mbgs)	(masl)
DUMINITY	Well_Deptn_m: 7.01000022888184 UTM RC	3 margin of error : 10 - 30 n	m		Pump I	Rate	(LPM)	1
	/ Monitoring and Te Monitoring and Tes	t Hole	Depth (m)	Elev (masl)	Spec.	Сар.	(LPM/m)	Hr / Min
	Water Found (mbgs) (masl) Street 861 CLYDE AVE Town/City OTTAWA		0.0	Liev (masi)	Color		Soil Description	s
			0.6		BROWN	FILL /		/ SOFT
			1.8		BROWN	CLAY /		/ WATER-BEARING
			7.0		GREY	LIMESTONE /		/ HARD
	Lot Conc	OTTAWA CITY	/ / OTTAWA-CARI	ETON	Flow	-		
7155920			25183			SWL	(mbgs)	(masl)
	Fley (masl) Facting 4414		20100		Pumping		(mbgs)	(masl)
Date 10/28/2010	Elev (masl) Easting 4414 Well Depth m: 7.32000017166138 UTM RC		m			Zato	(LPM)	/
	Elev (masl) Easting 4414 Well_Depth_m: 7.32000017166138 UTM RC		m		Pump I			Lin / Min
Date 10/28/2010	Well_Depth_m: 7.32000017166138 UTM RC / Monitoring and Te Monitoring and Tes	3 margin of error : 10 - 30 m	m Depth (m)	Elev (masi)	Pump I Spec. ((LPM/m)	Hr / Min
Date 10/28/2010	Well_Depth_m: 7.32000017166138 UTM RC / Monitoring and Te Monitoring and Tes Water Found (mbgs) (masl)	3 margin of error : 10 - 30 m		Elev (masl)				
Date 10/28/2010	Well_Depth_m: 7.32000017166138 UTM RC / Monitoring and Te Monitoring and Tes Water Found (mbgs) (masl) Street 861 CLYDE RD	3 margin of error : 10 - 30 m	Depth (m)	Elev (masl)	Spec.		(LPM/m)	
Date 10/28/2010	Well_Depth_m: 7.32000017166138 UTM RC / Monitoring and Te Monitoring and Tes Water Found (mbgs) (masl)	3 margin of error : 10 - 30 m	Depth (m)	Elev (masl)	Spec.		(LPM/m)	
Date 10/28/2010	Well_Depth_m: 7.32000017166138 UTM RC / Monitoring and Te Monitoring and Tes Water Found (mbgs) (masl) Street 861 CLYDE RD	3 margin of error : 10 - 30 m	Depth (m)	Elev (masl)	Spec.		(LPM/m)	
Date 10/28/2010	Well_Depth_m: 7.32000017166138 UTM RC / Monitoring and Te Monitoring and Tes Water Found (mbgs) (masl) Street 861 CLYDE RD	3 margin of error : 10 - 30 m	Depth (m) 0.0	Elev (masl)	Spec. (Cap.	(LPM/m)	s

W	Iط	l Re	200	rd	#

veli Recolu #				Dased Oil Will	iistry or En	VII OIIIII EIIL VV	iter wen information b	alabase Dec	ember 51, 2010	o, available offilite.
7155921	Lot Conc		OTTAW	A CITY / OTTA	WA-CARLE	TON	Flowing? SWL		(mah ma)	(magl)
10/28/2010 DDMMYY	Elev (masl) Well_Depth_m: 3.9600000381469 / Monitoring an	-	Northing margin of error : 1		pth (m)	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap	-	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mb	ogs) (masl)			0.0	Elev (Illasi)	Color		Soil Description	ons
	Street 861 CLYDE ST Town/City OTTAWA									
					0.9		BROWN	1		1
					1.8		BROWN	CLAY /		/ SOFT
					4.0		GREY	LIMESTONE /		/ HARD
7155922	Lot Conc		OTTAW	A CITY / OTTA	WA-CARLE	TON	Flowing?	•		
te 10/28/2010	Elev (masl)	Easting 441445	Northing	5025122			SWL		(mbgs)	(masl)
DDMMYY	Well_Depth_m: 7.0100002288818	•	margin of error : 1				Pumping WL		(mbgs)	(masl)
			-				Pump Rate		(LPM)	/ Hr / Min
	•	nd Te Monitoring and Test Ho	ole	De	pth (m)	Elev (masl)	Spec. Cap	•	(LPM/m)	FII / IVIIII
	,	ogs) (masl)			0.0		Color		Soil Description	ons
	Street 861 CLYDE ST Town/City OTTAWA									
					0.9		BROWN	FILL /		/ SOFT
					1.8		BROWN	CLAY /		/ DRY
					7.0		GREY	LIMESTONE /		/ HARD
7155923	Lot Conc		OTTAW.	A CITY / OTTA	WA-CARLE	TON	Flowing?	•		
ate 10/26/2010	Elev (masi)	Easting 441393	N a wila in a	5025150			SWL		(mbgs)	(masl)
ate 10/26/2010 DDMMYY	Elev (masl) Well_Depth_m: 2.4400000572204	~	Northing margin of error : 1				Pumping WL		(mbgs)	(masl)
DDIMIN' 1	Ven_Deptn_m. 2.44000000372204	o omiko s	margin or error .	0 - 30 111			Pump Rate		(LPM)	/
	•	nd Te Monitoring and Test Ho	ole	De	pth (m)	Elev (masl)	Spec. Cap	•	(LPM/m)	Hr / Min
		ogs) (masl)			0.0		Color		Soil Description	ons
	Street 861 CLYDE RD Town/City OTTAWA									
					1.5		BROWN	SAND /		/ DRY
					2.4		BROWN	SAND /		/ WATER-BEARIN
7155924	Lot Conc		OTTAW	A CITY / OTTA	WA-CARLE	TON	Flowing? SWL		(mbgs)	(masl)
ate 10/26/2010	Elev (masl)	•	Northing	5025185			Pumping WL		(mbgs)	(masl)
DDMMYY	Well_Depth_m: 2.4400000572204	6 UTM RC 3	margin of error : 1	0 - 30 m			Pump Rate		(LPM)	, ,
	/ Monitoring a	nd Te Monitoring and Test Ho	ole	B	m4ln (mn)	Flav (maal)	Spec. Cap		(LPM/m)	Hr / Min
	•	ogs) (masl)			pth (m) 0.0	Elev (masl)	Color		Soil Description	ons
					12		BROWN	SAND /		/ DRV
					1.2 2.4		BROWN BROWN	SAND /		/ DRY / WATER-BEARIN

Well Record #		E	Based on Ministry of Er	vironment Wa	ater Well Information Da	itabase Dec	ember 31, 2016, a	vailable online.
7156015	Lot Conc	OTTAWA (CITY / OTTAWA-CARLI	ETON	Flowing?			
Date 11/23/2010 DDMMYY	Elev (masl) Easting Well_Depth_m: 4.26719999313354	UTM RC 3 margin of error : 10 -	5025176 - 30 m		SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	/ Monitoring and Te Monitorii Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA	ng and Test Hole (masl)	Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	1 II / WIII
			2.1 4.3		BROWN GREY L	SAND /	CLAY SHALE	/ SOFT / DENSE
7156016	Lot Conc	OTTAWA (CITY / OTTAWA-CARL	ETON	Flowing?			
Date 11/24/2010 DDMMYY	Elev (masl) Easting Well_Depth_m: 4.26719999313354 / Monitoring and Te Observa	UTM RC 3 margin of error : 10 -	5025123 • 30 m	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA	(masl)	0.0	Liev (masi)	Color		Soil Descriptions	
			2.1 4.3		BROWN GREY L	SAND /	CLAY	/
7156734	Lot Conc	OTTAWA (CITY / OTTAWA-CARLI	ETON	Flowing?	IMEGIGIAL 7		,
Pate 11/24/2010 DDMMYY	Elev (masl) Easting		5025120		SWL Pumping WL Pump Rate		(mbgs) (mbgs) (LPM)	(masl) (masl)
	/ Monitoring and Te Monitorin Water Found (mbgs) Street 861 CLYDE AVENUE Town/City Ottawa	ng and Test Hole (masl)	Depth (m) 0.0	Elev (masi)	Spec. Cap.		(LPM/m) Soil Descriptions	Hr / Min
	·		2.7 4.9		BROWN GREY L	SAND / IMESTONE /	CLAY	/ /
7157811	Lot Conc Elev (masl) Easting		CITY / OTTAWA-CARLI	ETON	Flowing? SWL		(mbgs)	(masl)
DDMMYY		UTM RC 3 margin of error : 10 -		Elev (masl)	Pumping WL Pump Rate Spec. Cap.		(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
	Water Found (mbgs) Street 1479 LAPIERRE AVE Town/City OTTAWA	(masl)	0.0	Liev (Iliasi)	Color		Soil Descriptions	
			0.9 4.3 6.1		BROWN GREY GREY	GRAVEL / SAND / SAND /	SAND GRAVEL GRAVEL	/ SOFT / SOFT / WATER-BEARING
7157812 ate 12/1/2010 DDMMYY	Lot Conc Elev (masl) Easting Well_Depth_m: 6.09999990463257 / Monitoring and Te Monitorin	J 441965 Northing UTM RC 3 margin of error : 10 -	CITY / OTTAWA-CARLI 5025269 30 m Depth (m)	Elev (masl)	Flowing? SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs) Street 1479 LAPIERRE AVE Town/City OTTAWA	(masl)	0.0		Color		Soil Descriptions	

II Record #			Based on	Ministry of E	invironment Wa	ater Well Infor	mation Database Dec	ember 31, 2016,	available online.
				0.9		BROWN	GRAVEL /	SAND	/ SOFT
				4.3		GREY	COARSE SAND /	GRAVEL	/ SOFT
				6.1		GREY	COARSE SAND /	GRAVEL	/ WATER-BEARING
7157813	Lot Conc		OTTAWA CITY / O	TTAWA-CARI	ETON		Flowing?		
	_						SWL	(mbgs)	(masl)
te 12/1/2010		Easting 441941	Northing 5025265			Pu	mping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 5.48999977111816	UTM RC 3	margin of error : 10 - 30 m			P	ump Rate	(LPM)	1
	/ Monitoring and	Te Monitoring and Test Ho	ole	Donath (ma)	Flow (magel)	8	Брес. Сар.	(LPM/m)	Hr / Min
	Water Found (mbg	•		Depth (m) 0.0	Elev (masl)	Color		Soil Description	ne
	Street 1479 LAPIERE A	VE		0.0		COIOI		3011 Description	15
	Town/City OTTAWA								
	•			0.0		DDOWN	ODAVEL /	CAND	/ 00FT
				0.9		BROWN GREY	GRAVEL / COARSE SAND /	SAND GRAVEL	/ SOFT / SOFT
				4.3 5.5		GREY	COARSE SAND /	GRAVEL	/ SOFT
						GRET		GRAVEL	/ 3UF1
7158273	Lot Conc		OTTAWA CITY / O	TTAWA-CARI	LETON		Flowing?		
12/22/201	Elev (masl)	Easting 441259	Northing 5024978			_	SWL	(mbgs)	(masl)
DDMMYY	, ,	UTM RC 4	margin of error : 30 m - 100 m				mping WL	(mbgs)	(masl)
	<u></u>						ump Rate	(LPM)	/ 1.1 / 3.4 1
	/ Monitoring and	I Te Test Hole		Depth (m)	Elev (masl)	•	брес. Сар.	(LPM/m)	Hr / Min
	Water Found (mbg	s) (masl)		0.0	, ,	Color		Soil Description	ns
	Street 877 BOYD AVE Town/City Ottawa								
				0.3		BLACK	1	GRAVEL	1
						BLACK	1	GRAVEL	1
						BLACK	1	GRAVEL	1
						BLACK	1	GRAVEL	1
						BLACK	/	GRAVEL	1
						BLACK	1	GRAVEL	1
				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 GREY	LIMESTONE /		/ HARD
						GREY	LIMESTONE /		/ HARD / HARD
						GREY	LIMESTONE /		/ HARD
						GREY	LIMESTONE /		/ HARD
				7.6		GREY	LIMESTONE /		/ HARD
				7.0		GREY	LIMESTONE /		/ HARD
						GREY	LIMESTONE /		/ HARD
						GREY	LIMESTONE /		/ HARD
						GREY	LIMESTONE /		/ HARD
						○. \	o. one		

Well Record #			Based o	n Ministry of E	nvironment Wa	ter Well Informatio	n Database Dec	ember 31, 2016	, available onl	ine.
7159360	Lot Conc		OTTAWA CITY / C	TTAWA-CARL	ETON	Flowi	-			
Date 1/20/2011 DDMMYY	Elev (masl) Well_Depth_m: 7.61999988555908 / Monitoring and Te Water Found (mbgs) Street 877 BOYD AVE Town/City Ottawa	Easting 441275 UTM RC 3 e Test Hole (masl)	Northing 502496 margin of error : 10 - 30 m	Depth (m) 0.0	Elev (masi)	Pumping Pump I Spec. 0	Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptio	(masl) (masl) / Hr / Min	
				1.5 7.6		BROWN GREY	SAND / LIMESTONE /	SILT HARD	/ STONE:	3
7159361	Lot Conc		OTTAWA CITY / C		ETON	Flowi		1171110	7 51(1	
Date 1/20/2011 DDMMYY	## Company	Easting 441274 UTM RC 3 e Test Hole (masl)	Northing 502497 margin of error : 10 - 30 m		Elev (masi)		SWL WL Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	(masl) (masl) / Hr / Min	
				1.5		BROWN	SAND /	SILT	/ STONE	3
7160258 Date 2/3/2011 DDMMYY 7162302 Date 1/6/2011 DDMMYY	Lot 029 Conc 01	Easting 440868 UTM RC 3 Abandoned-Other (masl) Easting 441138 UTM RC 3 (masl)	NEPEAN TOWNSHIP / C Northing 502539 margin of error : 10 - 30 m OTTAWA CITY / C Northing 502518 margin of error : 10 - 30 m	Depth (m) 0.0	Elev (masi)	Pumping Pump I Spec. (Color	SWL WL Rate Lap. / ng? SWL WL Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description (mbgs) (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ (masl) (masl) / Hr / Min	
7163794 Date 4/26/2011 DDMMYY	Lot Conc Elev (masl) Well_Depth_m: 9.14000034332275	Easting 441257 UTM RC 3 e Monitoring and Test Hol (masl)	OTTAWA CITY / C Northing 502495 margin of error : 10 - 30 m		ETON Elev (masl)	Flowing Pumping Pump I Spec. (Color BLACK BROWN GREY	SWL WL Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ (masl) (masl) / Hr / Min ms / LOOSE / SOFT / HARD	
				U.1		J	51014L /		. 17.110	

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7163795	Lot	Conc		OTTAWA	CITY / OTTAWA-CAF	RLETON	Flow	-		
	1						;	SWL	(mbgs)	(masl)
Date 4/26/2011	Elev	(masl)	Easting 441258	Northing	5024959		Pumping	wı	(mbgs)	(masl)
DDMMYY	Well Depth m:	9.14000034332275	UTM RC 3	margin of error: 10	- 30 m					, ,
							Pump	Rate	(LPM)	1
		/ Monitoring and Te	e Monitoring and Test Hole	2			Spec.	Сар.	(LPM/m)	Hr / Min
		-		7	Depth (m)	Elev (masl)				
	Water Fou	nd (mbgs)	(masl)		0.0		Color		Soil Description	ns
	Street	877 BOYD AVENUE							•	
	Town/City									
	Town/City	Ollawa								
					0.3		BLACK	GRAVEL /	FILL	/ LOOSE
					1.5		BROWN	SAND /	STONES	/ SOFT
					9.1		GREY	LIMESTONE /		/ HARD
	1	_		07741444	0171// 077 111/1 015					
7163796	Lot	Conc		OTTAWA	CITY / OTTAWA-CAF	KLETON	Flow	-		
							;	SWL	(mbgs)	(masl)
Date 4/26/2011	Elev	(masl)	Easting 441274	Northing	5024980		Pumping	WI	(mbgs)	(masl)
DDMMYY	Well_Depth m:	9.14000034332275	UTM RC 3	margin of error: 10	- 30 m		Pump			(masi) /
				•			•		(LPM)	•
		/ Monitoring and Te	Monitoring and Test Hole	9	5 4 4 3	 ,	Spec.	Сар.	(LPM/m)	Hr / Min
	Water Fou	-	•		Depth (m)	Elev (masl)				
		(0 ,	(masl)		0.0		Color		Soil Description	ns
	Street	877 BOYD AVENUE								
	Town/City	Ottawa								
	. Own only	Jama								
					0.3		BLACK	GRAVEL /	FILL	/ LOOSE
					1.5		BROWN	SAND /		/ SOFT
									STONES	
					9.1		GREY	LIMESTONE /		/ HARD
7162707	Lot	Cono		OTT AVA/A	CITY / OTTAWA-CAF	DI ETON	Flow	ing?		
7163797	Lot	Conc		UTTAWA	CITY OTTAWA-CAP	ILE I ON		-		
Date 4/26/2011	Elev	(1)	F41 444070	No. athelia is	5004070		;	SWL	(mbgs)	(masl)
		(masl)	Easting 441276	Northing	5024979		Pumping	WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	9.14000034332275	UTM RC 3	margin of error: 10	- 30 m		Pump	Rate	(LPM)	1
							•		. ,	Hr / Min
		/ Monitoring and Te	 Monitoring and Test Hole 	Э	Depth (m)	Elev (masl)	Spec.	Бар.	(LPM/m)	TI / IVIIII
	Water Fou	nd (mbgs)	(masl)			Liev (masi)				
		(0 ,	, ,		0.0		Color		Soil Description	is
	Street	877 BOYD AVENUE								
	Town/City	Ottawa								
	•									
					0.3		BLACK	GRAVEL /	FILL	/ LOOSE
					1.5		BROWN	SAND /	STONES	/ SOFT
					9.1		GREY	LIMESTONE /		/ HARD
					J.1		JILI	LIVILOTONE /		/ HAILD
7163798	Lot	Conc		OTTAWA	CITY / OTTAWA-CAF	RLETON	Flow	ing ?		
7163798	Lot	Conc		OTTAWA	CITY / OTTAWA-CAF	RLETON		-	(mbas)	(masl)
	Lot		Easting 441280	OTTAWA Northing		RLETON	;	SWL	(mbgs)	(masl)
Date 4/26/2011	Elev	(masl)	Easting 441280	Northing	5024973	RLETON	Pumping	SWL WL	(mbgs)	(masl)
	Elev		-		5024973	RLETON	;	SWL WL		` '
Date 4/26/2011	Elev	(masl) 9.14000034332275	UTM RC 3	Northing margin of error : 10	5024973	RLETON	Pumping Pump	SWL WL Rate	(mbgs) (LPM)	(masl)
Date 4/26/2011	Elev Well_Depth_m:	(masl) 9.14000034332275 / Monitoring and Te	UTM RC 3 e Monitoring and Test Hole	Northing margin of error : 10	5024973	RLETON Elev (masi)	Pumping	SWL WL Rate	(mbgs)	(masl)
Date 4/26/2011	Elev	(masl) 9.14000034332275 / Monitoring and Te	UTM RC 3	Northing margin of error : 10	5024973 - 30 m Depth (m)		Pumping Pump Pump Spec.	SWL WL Rate	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
Date 4/26/2011	Elev Well_Depth_m: Water Fou	(masl) 9.14000034332275 / Monitoring and Te nd (mbgs)	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m		Pumping Pump	SWL WL Rate	(mbgs) (LPM)	(masl) / Hr / Min
Date 4/26/2011	Elev Well_Depth_m: Water Fou Street	(masl) : 9.14000034332275 / Monitoring and Te nd (mbgs) 877 BOYD AVENUE	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m Depth (m)		Pumping Pump Pump Spec.	SWL WL Rate	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
Date 4/26/2011	Elev Well_Depth_m: Water Fou	(masl) : 9.14000034332275 / Monitoring and Te nd (mbgs) 877 BOYD AVENUE	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m Depth (m)		Pumping Pump Pump Spec.	SWL WL Rate	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
Date 4/26/2011	Elev Well_Depth_m: Water Fou Street	(masl) : 9.14000034332275 / Monitoring and Te nd (mbgs) 877 BOYD AVENUE	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m Depth (m) 0.0		Pumping Pump Spec.	SWL WL Rate Cap.	(mbgs) (LPM) (LPM/m) Soil Description	(masl) / Hr / Min
Date 4/26/2011	Elev Well_Depth_m: Water Fou Street	(masl) : 9.14000034332275 / Monitoring and Te nd (mbgs) 877 BOYD AVENUE	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m Depth (m)		Pumping Pump Pump Spec.	SWL WL Rate Cap. GRAVEL /	(mbgs) (LPM) (LPM/m) Soil Description	(masl) / Hr / Min ns
Date 4/26/2011	Elev Well_Depth_m: Water Fou Street	(masl) : 9.14000034332275 / Monitoring and Te nd (mbgs) 877 BOYD AVENUE	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m Depth (m) 0.0		Pumping Pump Spec.	SWL WL Rate Cap.	(mbgs) (LPM) (LPM/m) Soil Description	(masl) / Hr / Min
Date 4/26/2011	Elev Well_Depth_m: Water Fou Street	(masl) : 9.14000034332275 / Monitoring and Te nd (mbgs) 877 BOYD AVENUE	UTM RC 3 e Monitoring and Test Hole (masl)	Northing margin of error : 10	5024973 - 30 m Depth (m) 0.0		Pumping Pump Spec. (Color	SWL WL Rate Cap. GRAVEL /	(mbgs) (LPM) (LPM/m) Soil Description	(masl) / Hr / Min ns

	ecord #							ater Well Information Da			
716	66658	Lot	Conc		OTTAWA CITY	/ OTTAWA-CARL	ETON	Flowing?			
ate	7/6/2011 DDMMYY	Elev Well_Depth_n	(masi) m:	Easting 441565 UTM RC 3	Northing 502 margin of error : 10 - 30 m		Flow (magel)	SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Fo Stree Town/Cit	et ,) (masl)		Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	S
71	71580	Lot	Conc		OTTAWA CITY	/ OTTAWA-CARL	FTON	Flowing?	1		1
te	8/22/2011 DDMMYY	Elev Well_Depth_r	(masl)	Easting 441429 UTM RC 3		5075	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Fo Stree Town/Cit	et) (masl)		0.0		Color	1	Soil Descriptions	
717	72118	Lot	Conc		OTTAWA CITY	/ OTTAWA-CARL	ETON	Flowing?			/
ate	10/15/2011 DDMMYY	Elev	(masl) m: 4.26999998092651	Easting 441395 UTM RC 3 Te Monitoring and Test Ho	margin of error : 10 - 30 m		Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
				-		Depth (m) 0.0	Elev (masi)	Color		Soil Descriptions	S
						2.4 4.3		BROWN GREY LI	SAND / MESTONE /	SOFT	/ DRY / FRACTURED
717	72119	Lot	Conc		OTTAWA CITY	/ OTTAWA-CARL	ETON	Flowing?			
ate	10/16/2011 DDMMYY	Elev Well_Depth_n	(masl) m: 4.26999998092651	Easting 441390 UTM RC 3	Northing 502 margin of error : 10 - 30 m	5188		SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
			/ Monitoring and 1 ound (mbgs) et 861 CLYDE AVE ty Ottawa			Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	
						0.3 2.1 4.3		BROWN BROWN GREY LI	SAND / MESTONE /	SOFT	/ CEMENTED / DRY / HARD
717	72120	Lot	Conc		OTTAWA CITY	/ OTTAWA-CARL	ETON	Flowing? SWL		(mhas)	(masl)
ate	10/19/2011 DDMMYY	Elev Well_Depth_n	(masl) m: 4.88000011444092	Easting 441397 UTM RC 3	Northing 502 margin of error : 10 - 30 m	5109		Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masi) (masi) / Hr / Min
			/ Monitoring and 1 pund (mbgs) et 861 CLYDE AVE ty Ottawa			Depth (m) 0.0	Elev (masi)	Color		Soil Descriptions	
						1.8 2.9		BROWN GREY	SAND / CLAY /	STONES SAND	/ /

Well Record #					Based on Ministry of I	Environment Wa	ater Well Informati	on Database Dec	ember 31, 2016	, available online.
					4.9		GREY	LIMESTONE /		1
7172121	Lot	Conc		OTTAWA	CITY / OTTAWA-CAR	LETON	Flo	wing?		
Date 10/19/2011	Elev	(maal)	Easting 441425	Northing	5025089			SWL	(mbgs)	(masl)
DDMMYY		(masl) 4.57000017166138	Easting 441425 UTM RC 3	Northing margin of error : 10			Pumpir	•	(mbgs)	(masl)
DDIVINITY	weii_Deptii_iii.	4.3/00001/100138	UIWIKC 3	margin of error . 10	- 30 111		Pump		(LPM)	/
		/ Monitoring and Te	e Test Hole		Depth (m)	Elev (masl)	Spec	. Сар.	(LPM/m)	Hr / Min
	Water Foun	d (mbgs)	(masl)		0.0	()	Color		Soil Description	ons
	Street Town/City	861 CLYDE AVE								
	Townsony	Ottawa			1.8		BROWN	SAND /		1
					2.4		GREY	CLAY /	SAND	,
					4.6		GREY	LIMESTONE /	0, 11,12	,
7170100	1.04	Como		OTT A\A\A	CITY / OTTAWA-CAR	LETON		wing?		
7172122	Lot	Conc		OTTAWA	CITT / OTTAWA-CAR	LLION	FIO	SWL	(mbgs)	(masl)
Date 10/23/2011	Elev	(masl)	Easting 441394	Northing	5025159		Pumpir		(mbgs)	(masl)
DDMMYY	Well_Depth_m:	4.88000011444092	UTM RC 3	margin of error : 10	- 30 m		Pump	-	(LPM)	/
		/ Monitoring and Te	a Toot Holo				Spec		(LPM/m)	Hr / Min
	Water Foun	ū	(masl)		Depth (m)	Elev (masl)	•		, ,	
		861 CLYDE AVE	(masi)		0.0		Color		Soil Description	ons
					2.7		BROWN	SAND /	SOFT	/ DRY
					4.9		GREY	LIMESTONE /	HARD	/ FRACTURED
7172199	Lot	Conc		OTTAWA	CITY / OTTAWA-CAR	LETON	Flo	wing?		
Date 10/15/2011	Elev	(masl)	Easting 441398	Northing	5025161			SWL	(mbgs)	(masl)
DDMMYY		4.57000017166138	UTM RC 3	margin of error : 10			Pumpir	-	(mbgs)	(masl)
DDIMINIT	Wen_beptn_iii.	4.57000017100158	O'III NO 5	margin or error . To	- 30 111		Pump		(LPM)	/
		/ Monitoring and Te	e Test Hole		Depth (m)	Elev (masl)	Spec	. Сар.	(LPM/m)	Hr / Min
	Water Foun	(0 /	(masl)		0.0	` ,	Color		Soil Description	ons
	Street Town/City	861 CLYDE AVE Ottawa								
					2.5		BROWN	SAND /	SOFT	/ DRY
					4.6		GREY	LIMESTONE /		/ FRACTURED
7175486	Lot	Conc		OTTAWA	CITY / OTTAWA-CAR	LETON	Flo	wing?		
Date 10/7/2011	Elev	(masl)	Easting 441151	Northing	5025090			SWL	(mbgs)	(masl)
Date 10/7/2011		(masi) 7.92479991912842	Easting 441151 UTM RC 3	margin of error : 10			Pumpir	•	(mbgs)	(masl)
DUNINIT	**en_beptil_III.	1.52-415551512042	UIMING 3	margin or error . 10	- 00 III		Pump		(LPM)	/
		/ Monitoring and Te	e Monitoring and Test Ho	е	Depth (m)	Elev (masl)	Spec	. Cap.	(LPM/m)	Hr / Min
	Water Foun	d (mbgs)	(masl)		0.0		Color		Soil Description	ons
		836 BOYD STREET							•	

2.1 7.9 BROWN

GREY

SAND /

CLAY

LIMESTONE /

Town/City Ottawa

/ LOOSE

/ LAYERED

Well Record #			Based or	Ministry of E	nvironment Wa	ater Well Informa	ation Database Dec	ember 31, 2016,	available online.
7180632	Lot Conc		OTTAWA CITY / O	TTAWA-CARL	ETON	FI	lowing?		
Date 2/11/2012 DDMMYY	Elev (masl) Well_Depth_m: 12.1499996185303 / Monitoring and	Easting 441396 UTM RC 4	Northing 5025184 margin of error : 30 m - 100 m		Elev (masl)	Pur	SWL Ding WL np Rate ec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs Street 861 CLYDE AVE Town/City OTTAWA) (masl)		0.0	Liev (masi)	Color		Soil Description	s
				1.5 12.1		BROWN GREY	FILL / LIMESTONE /	GRAVEL	/ SAND / FRACTURED
7180633	Lot Conc		NEPEAN TOWNSHIP / O	TTAWA-CARI	ETON	FI	lowing?		
Date 2/6/2012 DDMMYY	Elev (masl) Well_Depth_m: 11.8900003433228	Easting 441415 UTM RC 4	Northing 5025186 margin of error : 30 m - 100 m			Pur	SWL ping WL mp Rate	(mbgs) (mbgs) (LPM)	(masl) (masl)
	/ Monitoring and ' Water Found (mbgs; Street 861 CLYDE AVE Town/City Ottawa			Depth (m) 0.0	Elev (masl)	Color	ес. Сар.	(LPM/m) Soil Description	Hr / Min s
	Tomiony Guana			0.3 2.4 4.3 5.5 7.6 11.3		BROWN BROWN GREY BLACK GREY BLACK GREY	TOPSOIL / SAND / LIMESTONE / SHALE / LIMESTONE / SHALE / LIMESTONE /	CLAY	/ / STONES / FRACTURED / LAYERED / LAYERED / FRACTURED / LAYERED
7180634	Lot Conc		OTTAWA CITY / O		FTON		lowing?		/ LATERED
Date 2/25/2012 DDMMYY	Elev (masl) Well_Depth_m: 12.1800003051758 / Monitoring and Water Found (mbgs)		Northing 5025197 margin of error : 30 m - 100 m	7	Elev (masi)	Pump Pur	SWL ping WL mp Rate ec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Street 861 CLYDE AVE Town/City Ottawa							·	
				0.6 12.2		BROWN GREY	GRAVEL / LIMESTONE /	SAND	/ SOFT / FRACTURED
7180635 Date 2/8/2012 DDMMYY	Lot	Easting 441439 UTM RC 4	NEPEAN TOWNSHIP / O Northing 5025098 margin of error : 30 m - 100 m	3	LETON	Pump Pur	lowing? SWL bing WL np Rate ec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	/ Monitoring and ' Water Found (mbgs; Street 861 CLYDE AVE Town/City OTTAWA			Depth (m) 0.0	Elev (masl)	Color		Soil Description	s
				0.3		GREY BLACK GREY GREY BLACK BROWN	LIMESTONE / SHALE / LIMESTONE / LIMESTONE / SHALE / TOPSOIL /		/ FRACTURED / LAYERED / FRACTURED / FRACTURED / LAYERED /

Record Count 83

Well Record #	:
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								11.9			1		1
71	80636	Lot	Conc			OTTAWA (CITY / OT	TAWA-CARL	ETON		Flowing?		
Date	2/9/2012	Elev	(masl)	Easting	441417	Northing	5025076			-	SWL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	12.5	UTM	IRC 4	margin of error : 30 i	m - 100 m			r	umping WL Pump Rate	(mbgs) (LPM)	(masl)
											Spec. Cap.	(LPM/m)	Hr / Min
		Water Four	/ Monitoring and Te					Depth (m)	Elev (masl)		орос. опр.		
			nd (mbgs) 861 CLYDE AVE	(1	masl)			0.0		Color		Soil Descriptions	S
		Town/City											
								0.3		BROWN	TOPSOIL /		1
								2.4		BROWN	SAND /	SLATE	/
								4.0		GREY	1		/ FRACTURED
								4.9		BLACK	1		/ LAYERED
								7.9		GREY	1		/ LAYERED
								10.4		BLACK	1		/ FRACTURED
								12.5		GREY			/ LAYERED
71	80637	Lot	Conc			NEPEAN TOWNS	SHIP / OT	TAWA-CARL	ETON		Flowing?		
Date	2/9/2012	Elev	(mool)	Easting	441425	Northing	5025194				SWL	(mbgs)	(masl)
Date	DDMMYY		(masl) 11.8900003433228	•	44 1425 I RC 4	margin of error : 30 i				P	umping WL	(mbgs)	(masl)
	DDIVINITI	weii_Deptii_iii.	11.8900003433228	UIN	IKC 4	margin of error . 30 i	11 - 100 111				Pump Rate	(LPM)	1
			/ Monitoring and Te	e Test Hole				Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
		Water Four	nd (mbgs)	(1	masl)			0.0	,	Color		Soil Descriptions	5
		Street Town/City	861 CLYDE AVE Ottawa										
								0.3		BROWN	TOPSOIL /		1
								2.4		BROWN	SAND /	SILT	/ SOFT
								5.5		GREY	LIMESTONE /	0.2.	/ FRACTURED
								7.6		BLACK	SHALE /		/ LAYERED
								11.3		GREY	LIMESTONE /		/ FRACTURED
								11.9		BLACK	SHALE /		/ FRACTURED
71	80990	Lot	Conc			NEPEAN TOWNS	SHIP / OT	TAWA-CARL	ETON		Flowing? SWL	(mbgs)	(masl)
Date	1/5/2012	Elev	(masl)	Easting	441573	Northing	5025539			Р	umping WL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	5.03000020980835	UTM	IRC 4	margin of error : 30 i	n - 100 m			•	Pump Rate	(LPM)	/
			/ Test Hole	Observation	Wells						Spec. Cap.	(LPM/m)	Hr / Min
		Water Fou			masl)			Depth (m)	Elev (masl)				
		Street	1599 CARLING AVE OTTAWA	,				0.0		Color		Soil Descriptions	S
		. 3.11.11 Oily											
								0.2		DDC'44'	GRAVEL /	FILL	/
								0.9		BROWN	SAND /	FILL	•
								1.4 5.0			LIMESTONE /	ROCK	/ CEMENTED /
71	83403	Lot	Conc			NEPEAN TOWNS	SHIP / OT		FTON		Flowing?	NOON	,
											SWL	(mbgs)	(masl)
Date	2/7/2012	Elev	(masl)	Easting	441382	Northing	5025209			P	umping WL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	11.8900003433228	UTM	IRC 4	margin of error : 30 i	m - 100 m				Pump Rate	(LPM)	1
			/ Monitoring and Te	e Test Hole				Danth ()	Flav. (1)		Spec. Cap.	(LPM/m)	Hr / Min
		Water Four	-		masl)			Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	•
		Street	861 CLYDE AVE					0.0		50101		Jon Descriptions	•
		Town/City											
		•											

						0.3		BLACK	1	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	/ 21121123
						11.9		GREY	LIMESTONE /	FRACTURED	,
7400405	1.4 0			NEDEAN TOWN	VELUD / OTT		ETON	OILLI		TRACTORED	
7183405	Lot Cond	;		NEPEAN TOWN	NSHIP / OTT	I AWA-CARL	ETON		Flowing? SWL	(mbgs)	(masl)
Date 2/7/2012	Elev	(masl)	Easting 44141	7 Northing	5025199			Р	umping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 11.8900	0003433228	UTM RC 4	margin of error : 3	0 m - 100 m				Pump Rate	(LPM)	(maor)
									Spec. Cap.	(LPM/m)	Hr / Min
		nitoring and Te	e Test Hole		1	Depth (m)	Elev (masl)		эрес. Сар.	(LF W/III)	TII / IVIIII
	Water Found	(mbgs)	(masl)			0.0	, ,	Color		Soil Descriptions	s
	Street 861 Cl Town/City Ottawa									•	
						0.3		BROWN	TOPSOIL /		/
						2.4		BROWN	SILT /	STONES	/ CLAY
						4.6		GREY	LIMESTONE /	O.O.VILO	/ FRACTURED
						6.1		BLACK	SHALE /	LAYERED	/ FRACTORED
						7.3		GREY	LIMESTONE /	LATENED	/ / FRACTURED
						10.7		BLACK	SHALE /		/ LAYERED
						11.9		GREY	LIMESTONE /		/ FRACTURED
	 1 _							GRET			/ FRACTURED
7188765	Lot Cond	:		OTTAWA	A CITY / OTT	TAWA-CARL	ETON		Flowing?	(mbgo)	(most)
Date 5/24/2012	Elev	(masl)	Easting 44150	Northing	5025533			_	SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	`,	UTM RC 4	-					umping WL	(mbgs)	(masl)
J=			J9 1						Pump Rate	(LPM)	/
	1										
	,				1	Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min
	Water Found Street	(mbgs)	(masl)		I	Depth (m) 0.0	Elev (masi)	Color	Spec. Cap.	(LPM/m) Soil Descriptions	
7407000	Street Town/City		(masl)	NEDEAN TOWN		0.0		Color		, ,	
7197302	Street		(masl)	NEPEAN TOWN		0.0		Color	/ Flowing?	Soil Description	is /
	Street Town/City Lot Conc	:			NSHIP / OTT	0.0			Flowing?	Soil Descriptions	/ (masl)
Date 1/14/2013	Street Town/City Lot Conc	; (masl)	Easting 44126	Northing	NSHIP / OTT 5025005	0.0		P	/ Flowing? SWL umping WL	Soil Descriptions (mbgs) (mbgs)	is /
	Street Town/City Lot Conc	; (masl)		Northing	NSHIP / OTT 5025005	0.0		P	Flowing? SWL rumping WL Pump Rate	Soil Descriptions (mbgs) (mbgs) (LPM)	(masl) (masl)
Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999	(masl)	Easting 44126	Northing margin of error : 30	NSHIP / OTT 5025005 0 m - 100 m	0.0	ETON	P	/ Flowing? SWL umping WL	Soil Descriptions (mbgs) (mbgs)	/ (masl)
Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999	; (masl) 9988555908 nitoring and Te (mbgs) OYD AVE.	Easting 441260 UTM RC 4	Northing margin of error : 30	NSHIP / OTT 5025005 0 m - 100 m	0.0		P	Flowing? SWL rumping WL Pump Rate	Soil Descriptions (mbgs) (mbgs) (LPM)	(masl) (masl) (masl) / Hr / Min
Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 B6	; (masl) 9988555908 nitoring and Te (mbgs) OYD AVE.	Easting 44126 UTM RC 4 e Monitoring and Test	Northing margin of error : 30	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0	ETON	P	Flowing? SWL tumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPMm) (LPMm)	(masl) (masl) / Hr / Min
Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 B6	; (masl) 9988555908 nitoring and Te (mbgs) OYD AVE.	Easting 44126 UTM RC 4 e Monitoring and Test	Northing margin of error : 30	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0	ETON	P Color BROWN	Flowing? SWL tumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
Date 1/14/2013 DDMMYY	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999 / Mo Water Found Street 361 BG Town/City Ottawa	(masl))988555908 nitoring and Te (mbgs) DYD AVE.	Easting 44126 UTM RC 4 e Monitoring and Test) Northing margin of error : 30 Hole	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6	ETON Elev (masl)	P	Flowing? SWL SWL Pumping WL Pump Rate Spec. Cap. SAND / LIMESTONE /	(mbgs) (mbgs) (LPM) (LPMm) (LPMm)	(masl) (masl) / Hr / Min
Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 B6	(masl))988555908 nitoring and Te (mbgs) DYD AVE.	Easting 44126 UTM RC 4 e Monitoring and Test	Northing margin of error : 30	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6	ETON Elev (masl)	P Color BROWN	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min ss / SOFT / FRACTURED
Date 1/14/2013 DDMMYY	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 Bt Town/City Ottawa	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE.	Easting 441266 UTM RC 4 e Monitoring and Test (masl)	Northing margin of error : 3t Hole	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6	ETON Elev (masl)	Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions GRAVEL	(masl) (masl) / Hr / Min ss / SOFT / FRACTURED (masl)
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 Bt Town/City Ottawa	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE.	Easting 441266 UTM RC 4 e Monitoring and Test (masl)	Northing margin of error : 36 Hole NEPEAN TOWN Northing	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6	ETON Elev (masl)	Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL	(mbgs) (mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions GRAVEL	(masl) (masl) / Hr / Min is / SOFT / FRACTURED (masl) (masl)
Date 1/14/2013 DDMMYY	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 Bt Town/City Ottawa	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE.	Easting 441266 UTM RC 4 e Monitoring and Test (masl)	Northing margin of error : 3t Hole	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6	ETON Elev (masl)	Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description: GRAVEL (mbgs) (mbgs) (LPM)	(masl) (masl) / Hr / Min ss / SOFT / FRACTURED (masl) (masl) /
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999 / Mo Water Found Street 361 BG Town/City Ottawa Lot Conc Elev Well_Depth_m: 10.0600	(masl) 1988555908 10988555908 10988555908 10998555908 109985 10998555908 1099855908 1099855908 1099855908 1099855908 109985908 109	Easting 441266 UTM RC 4 e Monitoring and Test (masl)	Northing margin of error : 36 Hole NEPEAN TOWN Northing margin of error : 36	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6 TAWA-CARL	ETON Elev (masl)	Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL	(mbgs) (mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions GRAVEL	(masl) (masl) / Hr / Min is / SOFT / FRACTURED (masl) (masl)
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999 / Mo Water Found Street 361 BG Town/City Ottawa Lot Conc Elev Well_Depth_m: 10.0600	(masl) 1988555908 10988555908 10988555908 10998555908 109985 10998555908 1099855908 1099855908 1099855908 1099855908 109985908 109	Easting 44126 UTM RC 4 e Monitoring and Test (masl) Easting 44125	Northing margin of error : 36 Hole NEPEAN TOWN Northing margin of error : 36	NSHIP / OTT 5025005 0 m - 100 m	Depth (m) 0.0 0.9 7.6 TAWA-CARL	ETON Elev (masl)	P Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPMm) Soil Descriptions GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPMm)	(masl) (masl) / Hr / Min ss / SOFT / FRACTURED (masl) (masl) / Hr / Min
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999 / Mo Water Found Street 361 BG Town/City Ottawa Lot Conc Elev Well_Depth_m: 10.0600 / Mo Water Found	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE. a (masl) 10004196167 nitoring and Te (mbgs)	Easting 441266 UTM RC 4 e Monitoring and Test (masl) Easting 441256 UTM RC 4 e Monitoring and Test	Northing margin of error : 36 Hole NEPEAN TOWN Northing margin of error : 36	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6 TAWA-CARL	ETON Elev (masl)	Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description: GRAVEL (mbgs) (mbgs) (LPM)	(masl) (masl) / Hr / Min ss / SOFT / FRACTURED (masl) (masl) / Hr / Min
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 Bt Town/City Ottawa Lot Conc Elev Well_Depth_m: 10.0600 / Mo Water Found Street 861 Bt	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE. a (masl) 9004196167 nitoring and Te (mbgs) DYD AVE.	Easting 441266 UTM RC 4 e Monitoring and Test (masl) Easting 441256 UTM RC 4 e Monitoring and Test	Northing margin of error : 36 Hole NEPEAN TOWN Northing margin of error : 36	NSHIP / OTT 5025005 0 m - 100 m	Depth (m) 0.0 0.9 7.6 TAWA-CARL	ETON Elev (masl)	P Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPMm) Soil Descriptions GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPMm)	(masl) (masl) / Hr / Min ss / SOFT / FRACTURED (masl) (masl) / Hr / Min
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61999 / Mo Water Found Street 361 BG Town/City Ottawa Lot Conc Elev Well_Depth_m: 10.0600 / Mo Water Found	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE. a (masl) 9004196167 nitoring and Te (mbgs) DYD AVE.	Easting 441266 UTM RC 4 e Monitoring and Test (masl) Easting 441256 UTM RC 4 e Monitoring and Test	Northing margin of error : 36 Hole NEPEAN TOWN Northing margin of error : 36	NSHIP / OTT 5025005 0 m - 100 m	0.0 TAWA-CARL Depth (m) 0.0 0.9 7.6 TAWA-CARL Depth (m) 0.0	ETON Elev (masl)	P Color BROWN GREY P	Flowing? SWL Pumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions GRAVEL (mbgs) (mbgs) (LPM) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min (masl) / SOFT / FRACTURED (masl) (masl) / Hr / Min
7197303 Date 1/14/2013	Street Town/City Lot Conc Elev Well_Depth_m: 7.61995 / Mo Water Found Street 361 Bt Town/City Ottawa Lot Conc Elev Well_Depth_m: 10.0600 / Mo Water Found Street 861 Bt	(masl) 9988555908 nitoring and Te (mbgs) DYD AVE. a (masl) 9004196167 nitoring and Te (mbgs) DYD AVE.	Easting 441266 UTM RC 4 e Monitoring and Test (masl) Easting 441256 UTM RC 4 e Monitoring and Test	Northing margin of error : 36 Hole NEPEAN TOWN Northing margin of error : 36	NSHIP / OTT 5025005 0 m - 100 m	Depth (m) 0.0 0.9 7.6 TAWA-CARL	ETON Elev (masl)	P Color BROWN GREY	Flowing? SWL tumping WL Pump Rate Spec. Cap. SAND / LIMESTONE / Flowing? SWL tumping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPMm) Soil Descriptions GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPMm)	(masl) (masl) / Hr / Min (masl) / SOFT / FRACTURED (masl) (masl) / Hr / Min

DDMMYY						10.1	GREY	LIM	ESTONE /		/ FRACTURED
	7201038	Lot	Conc		OTTAWA CITY / OT	TAWA-CARLETON		Flowing?			
DDMMYY Well_Dept_m;				- .:				SWL		(mbgs)	(masl)
Part			, ,	-	-			Pumping WL		(mbgs)	(masl)
Part	DDMMY	Y Well_Depth_	_m: 3.04800009727478	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate		(LPM)	1
Water Found Charle Charl			/ Manitoring and	To Monitoring and Toot U	alo.			Spec. Cap.		(LPM/m)	Hr / Min
TownCity TownCity		Mateu F	-	-	ole .	Depth (m) Elev (m	asl)				
		Str	eet 904 LADY ELLEN			0.0	Color			Soil Description	าร
						1.5	BROWI	N	SAND /	GRAVEI	/ FILL
Total Part											
Since Sinc							GRET		SAND /	SILI	/ DENSE
	7204981	Lot	Conc		NEPEAN TOWNSHIP / O	TAWA-CARLETON		-			
DDMMYY Well_Depth_m: UTM RC warpin of error: 30 m - 100 m Pump Native (LPMm) Hr / Min Spec. Cap. (LPMm) Hr /	oto = 5/40/00	12	/maa.1\	Facting 444400	Northin 5005000					(mbgs)	(masl)
Water Found (mbgs) (mast)			, ,	-	~			Pumping WL		(mbgs)	(masl)
Water Found Color Soil Descriptions Street Town/City Street S	DDWM	T well_Depth_	īm:	UIM RC 4	margin of error : 30 m - 100 m			Pump Rate		(LPM)	1
			1					Spec. Cap.		(LPM/m)	Hr / Min
TownCity		Water	ound (mba	s) (mael)							
Town/City Town			, •	(111031)		0.0	Color			Soil Description	ns
T2U5398											
		Town/C	ity								
Section Sect									1		1
Second S	7205398	Lot	Conc		NEPEAN TOWNSHIP / O	TAWA-CARLETON		Flowing?			
Second Color Col	7200000		00110					-		(mbas)	(masl)
Northing Street Town/City Water Found (mbgs) (masi) Flev (masi) Street Town/City T	ate 6/28/20	13 Elev	(masl)	Easting 441520	Northing 5025537						, ,
Nep Nep	DDMM	Y Well_Depth	_m:	UTM RC 4	margin of error : 30 m - 100 m						, ,
Water Found (mbgs) (masi) (masi											
Water Found (mbgs) (masl) (mbgs) (masl) (masl								-			⊔r / Min
Neptan Township Ottawa-Carleton Flowing Swit (mbgs) (masl) (mbgs) (m			1			Depth (m) Elev (m	asi)	-			Hr / Min
SWL Check Color Color		Str	eet	s) (masl)				Spec. Cap.		(LPM/m)	
According Telev		Str	eet City	s) (masl)		0.0		Spec. Cap.	I	(LPM/m)	
DDMMYY Well_Depth_m: UTM RC 4 margin of error: 30 m - 100 m Depth (m) Elev (masl) O.0 Color Soil Descriptions Street Town/City DDMMYY Well_Depth_m: 4.88000011444092 UTM RC 5 margin of error: 100 m - 300 m Depth (m) Elev (masl) DDMMYY Well_Depth_m: 4.88000011444092 UTM RC 5 margin of error: 100 m - 300 m Depth (m) Elev (masl) DDMMYY Well_Depth_m: 4.88000011444092 UTM RC 5 margin of error: 100 m - 300 m Depth (m) Elev (masl) Elev (masl) Depth (m) Elev (masl)	7206030	Str Town/C	eet City	s) (masi)	NEPEAN TOWNSHIP / O	0.0		Spec. Cap.	1	(LPM/m) Soil Description	/ /
Water Found (mbgs) (masl) Depth (m) Elev (masl) Spec. Cap. (LPM/m) Hr / Min		Strr Town/C	eet iity Conc			0.0		Spec. Cap. Flowing? SWL	1	(LPM/m) Soil Description (mbgs)	(masl)
Water Found Water Found Street Town/City Street Street	ate 12/10/20	Str. Town/C	Conc (masl)	Easting 441253	Northing 5025215	0.0		Spec. Cap. Flowing? SWL		(LPM/m) Soil Description (mbgs)	(masl)
Mater Found (mbgs) (masl)	Date 12/10/20	Str. Town/C	Conc (masl)	Easting 441253	Northing 5025215	0.0		Spec. Cap. Flowing? SWL Pumping WL	1	(LPM/m) Soil Description (mbgs) (mbgs) (LPM)	(masl) (masl)
Street Town/City Street Town	Date 12/10/20	Str. Town/C	Conc (masl)	Easting 441253	Northing 5025215	0.0	Color	Flowing? SWL Pumping WL Pump Rate	1	(LPM/m) Soil Description (mbgs) (mbgs) (LPM)	(masl) (masl)
SWL (mbgs) (masl)	Date 12/10/20	Stri Town/C Lot 12 Elev Y Well_Depth	Conc (masl)	Easting 441253 UTM RC 4	Northing 5025215	0.0 TAWA-CARLETON Depth (m) Elev (m	Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap.	1	(mbgs) (mbgs) (LPM) (LPM)	(masl) (masl) (masl) /
SWL (mbgs) (masl)	Date 12/10/20	Lot 12 Elev Y Well_Depth_ Water F	Conc (masl) _m: / cound (mbg:eet	Easting 441253 UTM RC 4	Northing 5025215	0.0 TAWA-CARLETON Depth (m) Elev (m	Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap.	1	(mbgs) (mbgs) (LPM) (LPM)	(masl) (masl) (masl) /
Accordance Town/City Street Town/City Town Tow	Date 12/10/20 DDMM\	Str. Town/C Lot 12 Elev Y Well_Depth Water F Str. Town/C	Conc (masi) _m: _/ cound (mbg:eet	Easting 441253 UTM RC 4	Northing 5025215 margin of error : 30 m - 100 m	0.0 TAWA-CARLETON Depth (m) Elev (m 0.0	Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap.	1	(mbgs) (mbgs) (LPM) (LPM)	(masl) (masl) (masl) /
DDMMYY Well_Depth_m: 4.88000011444092	Date 12/10/20 DDMM\	Str. Town/C Lot 12 Elev Y Well_Depth Water F Str. Town/C	Conc (masi) _m: _/ cound (mbg:eet	Easting 441253 UTM RC 4	Northing 5025215 margin of error : 30 m - 100 m	0.0 TAWA-CARLETON Depth (m) Elev (m 0.0	Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap.	/	(mbgs) (mbgs) (LPM) (LPMm) Soil Description	/ (masl) (masl) / Hr / Min ms
/ Monitoring and Te Monitoring and Test Hole Water Found (mbgs) (masl) Street 727 CHURCHILL AVE. Town/City Ottawa Depth (m) Elev (masl) 0.0 Color Soil Descriptions Soil Descriptions 0.9 BROWN SAND / / 1.5 WHITE LIMESTONE / /	7207538	Lot 12 Elev Y Well_Depth Water F Strr Town/C	Conc (masl) _m: found (mbg: eet city Conc	Easting 441253 UTM RC 4	Northing 5025215 margin of error : 30 m - 100 m	0.0 TAWA-CARLETON Depth (m) Elev (m 0.0	Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Flowing? SWL	1	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) (LPM/m)	/ (masl) (masl) / Hr / Min ms / (masl)
Water Found (mbgs) (masl) 0.0 Color Soil Descriptions Street 727 CHURCHILL AVE. Town/City Ottawa O.9 BROWN SAND / / 1.5 WHITE LIMESTONE / /	7207538 ate 7/24/20	Lot 12 Elev Y Well_Depth Water F Strr Town/C Lot Lot 13 Elev	Conc (masl) Cound (mbg: eet eity Conc (masl)	Easting 441253	Northing 5025215 margin of error : 30 m - 100 m OTTAWA CITY / OTTAWA CITY / OTTAWA 5025562	Depth (m) Elev (m	Color	Flowing? SWL Pump Rate Spec. Cap. Flowing? SWL Pump Rate Spec. Cap.	1	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) (LPM/m) (mbgs) (mbgs)	/ (masl) (masl) / Hr / Min ms / (masl) (masl) (masl)
Water Found (mbgs) (masl) 0.0 Color Soil Descriptions Street 727 CHURCHILL AVE. 727 CHURCHILL AVE. 727 CHURCHILL AVE. 84 CHURCHILL AVE. 84 CHURCHILL AVE. 85 CHURCHILL AVE. 85 CHURCHILL AVE. 86 CHURCHILL AVE. 86 CHURCHILL AVE. 86 CHURCHILL AVE. 97 CHURCHILL AVE. 9	7207538	Lot 12 Elev Y Well_Depth Water F Strr Town/C Lot Lot 13 Elev	Conc (masl) Conc (masl) Cound (mbg: eet city Conc (masl) 4.88000011444092	Easting 441253 UTM RC 4 s) (masl) Easting 441517 UTM RC 5	Northing 5025215 margin of error : 30 m - 100 m OTTAWA CITY / OTTAWA CI	Depth (m) Elev (m	Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Flowing? SWL Pumping WL Pumping WL Pump Rate	1	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) Soil Description (mbgs) (mbgs) (LPM)	(masl) (masl) / Hr / Min hs / (masl) (masl) / (masl) / (masl) /
1.5 WHITE LIMESTONE / /	7207538	Lot 12 Elev Y Well_Depth Water F Strr Town/C Lot Lot 13 Elev	Conc (masl) Conc (masl) Cound (mbg: eet city Conc (masl) 4.88000011444092	Easting 441253 UTM RC 4 s) (masl) Easting 441517 UTM RC 5	Northing 5025215 margin of error : 30 m - 100 m OTTAWA CITY / OTTAWA CI	Depth (m) Elev (m	color assl) Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Flowing? SWL Pumping WL Pumping WL Pump Rate	1	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) Soil Description (mbgs) (mbgs) (LPM)	(masl) (masl) / Hr / Min hs / (masl) (masl) / (masl) / (masl) /
1.5 WHITE LIMESTONE / /	7207538 724/20	Lot 12 Elev Y Well_Depth Water F Strr Town/C Lot 13 Elev Y Well_Depth Water F	Conc (masl) Cound (mbg: eet eity Conc (masl) Conc (masl) Conc (masl) Monitoring and (mbg: eet 727 CHURCHILL	Easting 441253 UTM RC 4 s) (masl) Easting 441517 UTM RC 5 Te Monitoring and Test Hose) (masl)	Northing 5025215 margin of error : 30 m - 100 m OTTAWA CITY / OTTAWA CI	0.0 TAWA-CARLETON Depth (m) Elev (m 0.0 TAWA-CARLETON	asl) Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Flowing? SWL Pumping WL Pump Rate Spec. Cap.	1	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) (Mbgs) (LPM/m) (mbgs) (LPM/m) (LPM/m)	/ (masl) (masl) / Hr / Min masl) / (masl) (masl) / Hr / Min
	7207538	Lot 12 Elev Y Well_Depth Water F Strr Town/C Lot 13 Elev Y Well_Depth Water F	Conc (masl) Cound (mbg: eet eity Conc (masl) Conc (masl) Conc (masl) Monitoring and (mbg: eet 727 CHURCHILL	Easting 441253 UTM RC 4 s) (masl) Easting 441517 UTM RC 5 Te Monitoring and Test Hose) (masl)	Northing 5025215 margin of error : 30 m - 100 m OTTAWA CITY / OTTAWA CI	Depth (m) Elev (m 0.0 TAWA-CARLETON TAWA-CARLETON Depth (m) Elev (m 0.0	asi) Color Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Flowing? SWL Pumping WL Pump Rate Spec. Cap.	1	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) (Mbgs) (LPM/m) (mbgs) (LPM/m) (LPM/m)	/ (masl) (masl) / Hr / Min masl) / (masl) (masl) / Hr / Min
	7207538	Lot 12 Elev Y Well_Depth Water F Strr Town/C Lot 13 Elev Y Well_Depth Water F	Conc (masl) Cound (mbg: eet eity Conc (masl) Conc (masl) Conc (masl) Monitoring and (mbg: eet 727 CHURCHILL	Easting 441253 UTM RC 4 s) (masl) Easting 441517 UTM RC 5 Te Monitoring and Test Hose) (masl)	Northing 5025215 margin of error : 30 m - 100 m OTTAWA CITY / OTTAWA CI	Depth (m) Elev (m 0.0 Depth (m) Elev (m 0.0 Depth (m) Elev (m 0.0	asi) Color asi) Color	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Flowing? SWL Pumping WL Pump Rate Spec. Cap.	/ SAND /	(mbgs) (mbgs) (LPM/m) Soil Description (mbgs) (LPM/m) (Mbgs) (LPM/m) (mbgs) (LPM/m) (LPM/m)	/ (masl) (masl) / Hr / Min masl) / (masl) (masl) / Hr / Min

T207539	A-CARLETON (m) E .0 .2 .8 .2 .2	Elev (masi)	Color BROWN WHITE WHITE	Flowing? SWL tumping WL Pump Rate Spec. Cap. LIMES' LIMES' Flowing? SWL	SAND / TONE /	mbgs) (mbgs) (LPM) (LPM/m) Soil Description SOFT HARD	/ (masl) (masl) / Hr / Min ns / DRY / WEATHERE / (masl)
Date 7/24/2013 Elev (masl) Easting 441515 Northing 5025562	h (m) E .0 .2 .8 .2 .2	Elev (masi)	Color BROWN WHITE WHITE	SWL rumping WL Pump Rate Spec. Cap. LIMES' LIMES' Flowing? SWL	SAND / TONE /	(mbgs) (LPM) (LPM/m) Soil Description SOFT HARD	(masl) / Hr / Min ns / DRY / WEATHERE /
DDMMYY Well_Depth_m: 5.17999982833862 UTM RC 5 margin of error : 100 m - 300 m	.2 .8 .2	. , ,	Color BROWN WHITE WHITE	LIMES' Flowing?	SAND / TONE /	(mbgs) (LPM) (LPM/m) Soil Description SOFT HARD	(masl) / Hr / Min ns / DRY / WEATHERE /
Water Found (mbgs) (masl) 0.6	.2 .8 .2	. , ,	BROWN WHITE WHITE	LIMES' LIMES' Flowing? SWL	SAND / TONE / TONE /	Soil Description SOFT HARD	/ DRY / WEATHERE
1.8 5.2 1.8 1.8 5.2 1.8 1.8 5.2 1.8	.8 .2	ΓΟΝ	WHITE	LIMES' LIMES' Flowing? SWL	TONE /	HARD	/ WEATHER
T220405 Lot Conc NEPEAN TOWNSHIP / OTTAWA Oate 4/8/2014 Elev (masl) Easting 441355 Northing 5025177 DDMMYY Well_Depth_m: 3.66000008583069 UTM RC 4 margin of error : 30 m - 100 m		ΓON		Flowing? SWL		mbgs)	<u> </u>
Date 4/8/2014 Elev (masl) Easting 441355 Northing 5025177	A-OAILL I	ION	P	SWL	(1	mbgs)	(masl)
Water Found (mbgs) (masl) 0.0 Street 861 CLYDE AVE Town/City Ottawa 0.9	L () F	5 1 (1)		umping WL Pump Rate Spec. Cap.	(1	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
2.	` ,	Elev (masl)	Color			Soil Description	IS
3.7	.1		BROWN BROWN		FILL / SAND /	GRAVEL	/ /
			GREY		TONE /		
7220406 Lot Conc NEPEAN TOWNSHIP / OTTAWA Date 4/8/2014 Elev (masl) Easting 441357 Northing 5025175 DDMMYY Well_Depth_m: 3.66000008583069 UTM RC 4 margin of error : 30 m - 100 m	A-CARLE I	ION	Р	Flowing? SWL umping WL Pump Rate	((mbgs) (mbgs) (LPM)	(masl) (masl)
/ Monitoring and Te Test Hole Water Found (mbgs) (masl) 0.0 Street 861 CLYDE AVE Town/City Ottawa	` '	Elev (masi)	Color	Spec. Cap.	,	LPM/m) Soil Description	Hr / Min ns
0.5 2.4			BROWN		FILL /		/

				•
2.1	BROWN	SAND /	GRAVEL	1
3.7	GREY	LIMESTONE /		1
AWA-CARLETON	•			
	Pumping W	L	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		0.	,	Hr / Min
0.3	BLACK	1	GRAVEL	/ LOOSE
2.1	BLACK	SAND /	SILT	/ SOFT
6.1	GREY	LIMESTONE /		/ LAYERED
	3.7 AWA-CARLETON Depth (m) Elev (masl) 0.0 0.3 2.1	3.7 GREY AWA-CARLETON Pumping W Pump Rat Spec. Cal 0.0 Color 0.3 BLACK 2.1 BLACK	3.7 GREY LIMESTONE / AWA-CARLETON Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color 0.3 BLACK / 2.1 BLACK SAND /	3.7 GREY LIMESTONE / AWA-CARLETON Flowing? SWL (mbgs) Pumping WL (mbgs) Pump Rate (LPM) Spec. Cap. (LPM/m) 0.0 Color Soil Descriptions 0.3 BLACK / GRAVEL 2.1 BLACK SAND / SILT

Well Record #									
7220408	Lot Conc		OTTAWA CITY	/ / OTTAWA-CARL	ETON	Flowin	-		
D-4- 4/40/0044	Flan. (man)	F41 444070	Na other a 500	05005		SV	VL	(mbgs)	(masl)
Date 4/10/2014	Elev (masl)	Easting 441370	~	25205		Pumping V	VL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 3.34999990463257	UTM RC 4	margin of error : 30 m - 10	00 m		Pump Ra	ite	(LPM)	, ,
						•		, ,	Hr / Min
	/ Monitoring and To	e Test Hole		Depth (m)	Elev (masl)	Spec. Ca	ıp.	(LPM/m)	mr / Iviin
	Water Found (mbgs)	(masl)		,	Liev (masi)	Color		Call Decaminate	
	Street 861 CLYDE AVE	, ,		0.0		Color		Soil Description	ons
	Town/City Ottawa								
				0.9		BROWN	SAND /		1
									,
				2.1		BROWN	SAND /	CLAY	/
				3.3		GREY	LIMESTONE /		1
7220409	Lot Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARL	ETON	Flowin	g?		
	201					SV	VL	(mbgs)	(masl)
Date 4/10/2014	Elev (masl)	Easting 441413	Northing 502	25100		Pumping V		(mbgs)	(masl)
DDMMYY	Well_Depth_m: 6.09999990463257	UTM RC 4	margin of error : 30 m - 10	00 m					(111031)
			•			Pump Ra		(LPM)	•
	/			Depth (m)	Elev (masl)	Spec. Ca	ıp.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)		,	Elev (masi)				
	(0 /	()		0.0		Color		Soil Description	ons
	Street 861 CLYDE AVE Town/City Ottawa								
	-			0.2		BLACK	TOPSOIL /		/ COLT
				0.3				ou =	/ SOFT
				2.1		BLACK	SAND /	SILT	/ SOFT
				6.1		GREY	LIMESTONE /		/ LAYERED
7220435	Lot Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARI	FTON	Flowin	a?		
1220400	Lot Conc		INEL EXILTERATION	OTTAWA	LION	SV	-	(mbgs)	(masl)
Date 4/10/2014	Elev (masl)	Easting 441368	Northing 502	25203					, ,
DDMMYY	Well_Depth_m: 3.34999990463257	UTM RC 4	margin of error : 30 m - 10			Pumping V		(mbgs)	(masl)
	3.3 .555550 .03237		margin or enter : ee iii - ii	00 III		Pump Ra		(LPM)	1
	/	Test Hole				Spec. Ca	ıp.	(LPM/m)	Hr / Min
	,				Elev (masl)				
	Water Found (mbgs)			Depth (m)	Liev (masi)				
	Water Found (mbgs)			0.0	Liev (masi)	Color		Soil Description	ons
	Water Found (mbgs) Street 861 CLYDE AVE				Liev (masi)	Color		Soil Description	ons
	(0 /				Liot (masi)	Color		Soil Description	ons
	Street 861 CLYDE AVE			0.0	Liev (masi)		OANS (Soil Description	ons
	Street 861 CLYDE AVE			0.0	Liet (masi)	BROWN	SAND /	·	ons /
	Street 861 CLYDE AVE			0.0	Liev (mass)		SAND / SAND /	Soil Description	ons / /
	Street 861 CLYDE AVE			0.0	Liev (mass)	BROWN		·	/ / /
7220436	Street 861 CLYDE AVE Town/City		NEPEAN TOWNSHIP	0.0 0.9 2.1 3.3		BROWN BROWN	SAND / LIMESTONE /	·	/ / /
7220436	Street 861 CLYDE AVE		NEPEAN TOWNSHIP	0.0 0.9 2.1 3.3		BROWN BROWN GREY	SAND / LIMESTONE /	CLAY	/ / / (masl)
7220436 Date 4/10/2014	Street 861 CLYDE AVE Town/City			0.0 0.9 2.1 3.3		BROWN BROWN GREY Flowin	SAND / LIMESTONE / g? VL	CLAY (mbgs)	/ / / (masl)
	Street 861 CLYDE AVE Town/City Lot Conc	(masl)		0.9 2.1 3.3 P / OTTAWA-CARL 25205		BROWN BROWN GREY Flowin SV Pumping V	SAND / LIMESTONE / g? VL	CLAY (mbgs) (mbgs)	/ / / (masl) (masl)
Date 4/10/2014	Street 861 CLYDE AVE Town/City Lot Conc Elev (masl)	(masl)	Northing 502	0.9 2.1 3.3 P / OTTAWA-CARL 25205		BROWN BROWN GREY Flowin SV Pumping V	SAND / LIMESTONE / g? VL VL	CLAY (mbgs) (mbgs) (LPM)	/ / (masl) (masl)
Date 4/10/2014	Street 861 CLYDE AVE	(masl) Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m	ETON	BROWN BROWN GREY Flowin SV Pumping V	SAND / LIMESTONE / g? VL VL	CLAY (mbgs) (mbgs)	/ / / (masl) (masl)
Date 4/10/2014	Street Town/City Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and To	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m		BROWN BROWN GREY Flowin SV Pumping V Pump Ra Spec. Ca	SAND / LIMESTONE / g? VL VL	(mbgs) (mbgs) (LPM) (LPM/m)	/ / / (masl) (masl) / Hr / Min
Date 4/10/2014	Street Town/City Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 Water Found (mbgs)	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m	ETON	BROWN BROWN GREY Flowin SV Pumping V	SAND / LIMESTONE / g? VL VL	CLAY (mbgs) (mbgs) (LPM)	/ / / (masl) (masl) / Hr / Min
Date 4/10/2014	Street 861 CLYDE AVE	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m	ETON	BROWN BROWN GREY Flowin SV Pumping V Pump Ra Spec. Ca	SAND / LIMESTONE / g? VL VL	(mbgs) (mbgs) (LPM) (LPM/m)	/ / / (masl) (masl) / Hr / Min
Date 4/10/2014	Street Town/City Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 Water Found (mbgs)	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m	ETON	BROWN BROWN GREY Flowin SV Pumping V Pump Ra Spec. Ca	SAND / LIMESTONE / g? VL VL	(mbgs) (mbgs) (LPM) (LPM/m)	/ / / (masl) (masl) / Hr / Min
Date 4/10/2014	Street 861 CLYDE AVE	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m Depth (m) 0.0	ETON	BROWN BROWN GREY Flowin SV Pumping V Pump Re Spec. Ca	SAND / LIMESTONE / g? VL VL tte pp.	(mbgs) (mbgs) (LPM) (LPM/m)	/ / / (masl) (masl) / Hr / Min
Date 4/10/2014	Street 861 CLYDE AVE	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 D / OTTAWA-CARL 25205 00 m Depth (m) 0.0	ETON	BROWN BROWN GREY Flowin SV Pumping V Pump Re Spec. Ca	SAND / LIMESTONE / g? VL VL tite tip. SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ / / (masl) (masl) / Hr / Min
Date 4/10/2014	Street 861 CLYDE AVE	Easting 441372 UTM RC 4	Northing 502	0.0 0.9 2.1 3.3 0 / OTTAWA-CARL 25205 00 m Depth (m) 0.0	ETON	BROWN BROWN GREY Flowin SV Pumping V Pump Re Spec. Ca	SAND / LIMESTONE / g? VL VL tte pp.	(mbgs) (mbgs) (LPM) (LPM/m)	/ / / (masl) (masl) / Hr / Min

Well Record	l #
7220437	•

T2Z0437	(masl) (masl)
Date 4/10/2014 Elev (masl) Easting 441370 Northing 5025205 Pumping WL (mbgs) DDMMYY Well_Depth_m: 3.34999990463257 UTM RC 4 margin of error: 30 m - 100 m Pump Rate (LPM) / Monitoring and Te Test Hole Depth (m) Elev (masl) Spec. Cap. (LPM/m)	` '
/ Monitoring and Te Test Hole Depth (m) Elev (masl)	
Depth (m) Elev (masl)	/
Deptii (iii) Elev (iiiasi)	Hr / Min
Mater Found (wheel) (wool)	scriptions
Street 861 CKYDE AVE	scriptions
Town/City Ottawa	
0.9 BROWN SAND /	/
2.1 BROWN SAND / C	CLAY /
3.3 GREY LIMESTONE /	1
7220438 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Flowing?	
SWL (mbgs) Date 4/10/2014 Elev (masl) Easting 441373 Northing 5025200 Democrative (mbgs)	(masl)
DDMMVV Wall Donth m. 2.2400000462357 LITM PC 4 marrier of array 20 m. 400 m.	(masl)
Pump Rate (LPM)	/
/ Monitoring and Te Test Hole Spec. Cap. (LPM/m) Depth (m) Elev (masl)	Hr / Min
Mater Found (mbgs) (most)	scriptions
Street 861 CLYDE AVE Town/City Ottawa	
0.9 BROWN SAND /	/
2.1 BROWN SAND / C	CLAY /
3.3 GREY LIMESTONE /	/
7220439 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Flowing?	
SWL (mbgs) Date 4/9/2014 Elev (masl) Easting 441411 Northing 5025109 Dumping WI (mbgs)	(masl)
DDMMYY Well_Depth_m: 3.66000008583069	(masl)
Care Can (I DM/re)	•
/ Monitoring and relies those Depth (m) Elev (masl)	,
	scriptions
Street 861 CLYDE AVE Town/City Ottawa	
2.1 BROWN SAND / C	CLAY /
3.7 GREY LIMESTONE /	1
7220440 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Flowing? SWL (mbgs)	(masl)
Date 4/9/2014 Elev (masl) Easting 441414 Northing 5025108 Pumping WL (mbgs)	(masi)
DDMMYY Well_Depth_m: 3.66000008583069	(maoi) /
	Hr / Min
/ Monitoring and To Toot Hole Spec. Cap. (LPM/m)	
/ Monitoring and Te Test Hole Spec. Cap. (LPM/m) Water Found (mbcs) (most)	
/ Monitoring and Te Test Hole Spec. Cap. (LPM/m) Water Found (mass) We (mass)	scriptions
/ Monitoring and Te Test Hole Spec. Cap. (LPM/m) Water Found (mbgs) (masl) 0.0 Color Soil Des Street 861 CLYDE AVE Town/City Ottawa	·
/ Monitoring and Te Test Hole Spec. Cap. (LPM/m) Water Found (mbgs) (masl) 0.0 Color Soil Desertion Street 861 CLYDE AVE Town/City Ottawa	scriptions

Well Record #		Based on Ministry of Environme	ent Water Well Information Database December 31, 2016, available online.
7220441	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?
Date 4/9/2014 DDMMYY	/ Monitoring and Te Test Hole	41418 Northing 5025104 IC 4 margin of error : 30 m - 100 m Depth (m) Elev (m 0.0	SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions
		2.1	BROWN SAND / CLAY / GREY LIMESTONE /
7220442	Lot Conc	3.7 NEPEAN TOWNSHIP / OTTAWA-CARLETON	GREY LIMESTONE / / Flowing?
Date 4/9/2014 DDMMYY	Elev (masl) Easting Well_Depth_m: 3.66000008583069 UTM / Monitoring and Te Test Hole	41412 Northing 5025102 (C 4 margin of error : 30 m - 100 m Depth (m) Elev (m 0.0	SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min
		2.1 3.7	BROWN SAND / CLAY / GREY LIMESTONE / /
7220443 Date 4/9/2014 DDMMYY	/ Monitoring and Te Test Hole Water Found (mbgs) (r Street 861 CLYDE AVE	NEPEAN TOWNSHIP / OTTAWA-CARLETON 41411 Northing 5025102 C 4 margin of error : 30 m - 100 m Depth (m) Elev (m 0.0	Flowing? SWL
	Town/City	2.1 3.7	BROWN SAND / CLAY / GREY LIMESTONE / /
7220444 Date 4/8/2014 DDMMYY	/ Monitoring and Te Test Hole	NEPEAN TOWNSHIP / OTTAWA-CARLETON 41358 Northing 5025185 C 4 margin of error : 30 m - 100 m Depth (m) Elev (m 0.0	Flowing? SWL
	·	0.9 2.1 3.7	BROWN FILL / / BROWN SAND / GRAVEL / GREY LIMESTONE / /
7220446	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?
Date 4/8/2013 DDMMYY	/ Monitoring and Te Test Hole	41354 Northing 5025176 aC 4 margin of error : 30 m - 100 m Depth (m) Elev (m 0.0	SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions

Record Count 113

ell Record #								ter Well Info		· · ·	
						0.9		BROWN	FILL /		1
						2.1		BROWN	SAND /	GRAVEL	1
						3.7		GREY	LIMESTONE /		1
7223403	Lot (Conc		NEPEAN TOWN	ISHIP / OTTA\	WA-CARLET	ΓON		Flowing?		
									SWL	(mbgs)	(masl)
ate 5/30/2012	Elev	(masl)	Easting 441620	Northing	5024999			P	umping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 7	7.86999988555908	UTM RC 4	margin of error : 30) m - 100 m				Pump Rate	(LPM)	ì
									Spec. Cap.	(LPM/m)	Hr / Min
		/ Monitoring	Observation Wells		De	pth (m)	Elev (masl)		opou. cup.	(2)	,
	Water Found Street	I 4.3 (mbgs) 1584 LAPERRIERE A	(masl) AVE.	Untested		0.0		Color		Soil Descriptio	ns
	Town/City	OTTAWA									
						0.1		BLACK	1		1
						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 TOWN	ISHIP / OTTA	WA-CARLET	ΓON		Flowing?		
		,			5005				SWL	(mbgs)	(masl)
ate 6/24/2014	Elev	(masl)	Easting 441549	Northing	5025555			P	umping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 5	5.17999982833862	UTM RC 4	margin of error : 30) m - 100 m				Pump Rate	(LPM)	1
		/ Manitoria a and T	Manitarian (T)	ala.					Spec. Cap.	(LPM/m)	Hr / Min
		•	Monitoring and Test Ho	oie	Dej	pth (m)	Elev (masl)		-pmp-	,,	
	Water Found	(0 ,	(masl)			0.0		Color		Soil Descriptio	ns
	Street	1599 CARLING AVE.								•	
	Town/City	Ottawa									
	Town/City	Ottawa				0.3		GREY	GRAVEL /		/ LOOSE
	Town/City	Ottawa								GRAVEI	
	Town/City	Ottawa				1.5		BROWN	SAND /	GRAVEL	/ LOOSE
7005405				NEDE AN TOWN		1.5 5.2	TOW.		SAND / LIMESTONE /	GRAVEL	
7225495		Ottawa		NEPEAN TOWN		1.5 5.2	ΓΟN	BROWN	SAND / LIMESTONE /		/ LOOSE / LAYERED
7225495 ate 5/24/2014		Conc	Easting 441576			1.5 5.2	ΓΟN	BROWN GREY	SAND / LIMESTONE / Flowing? SWL	(mbgs)	/ LOOSE / LAYERED (masl)
ate 5/24/2014	Lot (Conc (masl)	•	Northing	ISHIP / OTTA\ 5025547	1.5 5.2	ΓΟΝ	BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL	(mbgs)	/ LOOSE / LAYERED
	Lot (Conc (masl)	Easting 441576 UTM RC 4		ISHIP / OTTA\ 5025547	1.5 5.2	ΓΟΝ	BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM)	/ LOOSE / LAYERED (masl) (masl) /
ate 5/24/2014	Lot (Conc (masl) 5.17999982833862	•	Northing margin of error : 30	ISHIP / OTTA\ 5025547) m - 100 m	1.5 5.2 WA-CARLET		BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL	(mbgs)	/ LOOSE / LAYERED (masl)
ate 5/24/2014	Lot (Conc (masl) 5.17999982833862 / Monitoring and Te	UTM RC 4	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m)	ΓΟΝ Elev (masl)	BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min
ate 5/24/2014	Lot (Elev Well_Depth_m: 5	Conc (masl) 5.17999982833862 / Monitoring and Te	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET		BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min
ate 5/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE.	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m)		BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min
ate 5/24/2014	Lot (Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE.	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0		BROWN GREY P	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min
ate 5/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE.	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0		BROWN GREY P Color GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ns
ate 5/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE.	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0		BROWN GREY P Color GREY BROWN	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE
ate 5/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE.	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0		BROWN GREY P Color GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ns
ate 5/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE.	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2	Elev (masi)	BROWN GREY P Color GREY BROWN	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE
7225496	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City	(masl) 5.17999982833862 / Monitoring and Tell (mbgs) 1599 CARLING AVE. Ottawa	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ole	ISHIP / OTTAL 5025547 0 m - 100 m Dej	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2	Elev (masi)	BROWN GREY P Color GREY BROWN	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev	Conc (masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE. Ottawa	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ble NEPEAN TOWN Northing	ISHIP / OTTAN 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing?	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LAYERED
7225496	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City	Conc (masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE. Ottawa	UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ole	ISHIP / OTTAN 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description GRAVEL (mbgs) (mbgs)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LAYERED (masl)
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862	UTM RC 4 Monitoring and Test Ho (masl) Easting 441556 UTM RC 4	Northing margin of error : 30 ole NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTAN 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description GRAVEL (mbgs) (mbgs) (LPM)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LAYERED (masl) (masl) /
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te	UTM RC 4 Monitoring and Test Ho (masl) Easting 441556 UTM RC 4	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description GRAVEL (mbgs) (mbgs)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LAYERED (masl)
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te	UTM RC 4 Monitoring and Test Ho (masl) Easting 441556 UTM RC 4	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m Del ISHIP / OTTA\ 5025536 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description GRAVEL (mbgs) (mbgs) (LPM)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LOOSE / LAYERED (masl) (masl) / Hr / Min
7225496 ate 6/24/2014	Lot C Elev Well_Depth_m: 5 Water Found Street Town/City Lot C Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te	Easting 441556 UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m Del ISHIP / OTTA\ 5025536 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPW/m) Soil Description GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LOOSE / LAYERED (masl) (masl) / Hr / Min
7225496 ate 6/24/2014	Lot C Elev Well_Depth_m: 5 Water Found Street Town/City Lot C Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE.	Easting 441556 UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m Del ISHIP / OTTA\ 5025536 0 m - 100 m	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET	Elev (masi)	BROWN GREY P Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate	(mbgs) (mbgs) (LPM) (LPW/m) Soil Description GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LOOSE / LAYERED (masl) (masl) / Hr / Min
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE.	Easting 441556 UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTA\ 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET pth (m) 0.0	Elev (masi)	BROWN GREY Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPW/m) Soil Description GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LOOSE / LAYERED (masl) (masl) / Hr / Min
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE.	Easting 441556 UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTAN 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET pth (m) 0.0	Elev (masi)	BROWN GREY Color GREY BROWN GREY P Color	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Description GRAVEL (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LAYERED (masl) (masl) / Hr / Min ms
7225496 ate 6/24/2014	Lot (Elev Well_Depth_m: 5 Water Found Street Town/City Lot (Elev Well_Depth_m: 5	(masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE. Ottawa Conc (masl) 5.17999982833862 / Monitoring and Te i (mbgs) 1599 CARLING AVE.	Easting 441556 UTM RC 4 Monitoring and Test Ho (masl)	Northing margin of error : 30 ble NEPEAN TOWN Northing margin of error : 30	ISHIP / OTTAN 5025547 0 m - 100 m Del	1.5 5.2 WA-CARLET pth (m) 0.0 0.3 1.5 5.2 WA-CARLET pth (m) 0.0	Elev (masi)	BROWN GREY Color GREY BROWN GREY	SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap. GRAVEL / SAND / LIMESTONE / Flowing? SWL umping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPW/m) Soil Description GRAVEL (mbgs) (mbgs) (mbgs) (LPM) (LPM/m)	/ LOOSE / LAYERED (masl) (masl) / Hr / Min ms / LOOSE / LOOSE / LOOSE / LAYERED (masl) (masl) / Hr / Min

								ater Well Informat			
7225497	Lot Cor	ıc		NEPEAN T	OWNSHIP / O	TTAWA-CARI	LETON	Flo	owing?		
ate 6/24/2014 DDMMYY	Well_Depth_m:	(masl)	Easting 441520 UTM RC 4	margin of erre	ing 5025541 or : 30 m - 100 m				SWL ng WL p Rate c. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found	(mbgs) 9 CARLING AVE.	Monitoring and Test (masl)	noie		Depth (m) 0.0	Elev (masi)	Color		Soil Descriptio	ns
7225498	Lot Cor			NEPEAN T	OWNSHIP / O	TTAWA-CARI	ETON	Fic	wing?		1
Date 6/24/2014 DDMMYY	Elev Well_Depth_m: / N Water Found	(masl) Monitoring and Te (mbgs) 9 CARLING AVE.	Easting 44154' UTM RC 4 Monitoring and Test (masl)	margin of erre	ing 5025529 or : 30 m - 1 00 m		Elev (masi)	Pum	SWL ng WL p Rate c. Cap.	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptio	(masl) (masl) / Hr / Min
7225562	Lot Cor			ΝΕΡΕΔΝ Τ	OWNSHIP / O	TTAWA-CARI	ETON	Fic	/ owing?		/
Date 6/24/2014 DDMMYY	Elev Well_Depth_m: 5.179	(masl) 999982833862	Easting 44156- UTM RC 4 Monitoring and Test	4 Northi margin of erro		,	Elev (masl)	Pumpi Pum	SWL	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found Street 1599 Town/City Otta	(mbgs) 9 CARLING AVE. lwa	(masl)			0.0	(Color		Soil Descriptio	ns
						0.3 1.5 5.2		GREY BROWN GREY	GRAVEL / SAND / LIMESTONE /	GRAVEL	/ LOOSE / LOOSE / LAYERED
7225563	Lot Cor	ıc		NEPEAN T	OWNSHIP / O	TTAWA-CARI	LETON	Flo	owing?		
Date 6/24/2014 DDMMYY	Well_Depth_m: 5.179		Easting 441556 UTM RC 4 Monitoring and Test (masl)	margin of erre	ing 5025542 or : 30 m - 100 m	Depth (m)	Elev (masl)	Spec	SWL ng WL p Rate c. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		9 CARLING AVE.	(IIIasi)			0.0		Color		Soil Descriptio	ns
						0.3 1.5 5.2		GREY BROWN GREY	GRAVEL / SAND / LIMESTONE /	GRAVEL	/ LOOSE / LOOSE / LAYERED
7225564	Lot Cor		-		OWNSHIP / O		LETON	Fic	owing? SWL	(mbgs)	(masl)
Date 6/25/2014 DDMMYY	Well_Depth_m: 5.789		UTM RC 4 Monitoring and Test	margin of erro	ing 5025543 or : 30 m - 100 m		Flori ()	Pum	ng WL p Rate c. Cap.	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
	Water Found	(mbgs) 9 CARLING AVE.	(masl)			Depth (m) 0.0	Elev (masl)	Color		Soil Descriptio	ns
	Town/City Otta	wa									

Vell R	Record #					Based on Mi	nistry of E	invironment Wa	ater Well Informa	tion Database Dec	ember 31, 2016	, available online.
							3.7 5.8		BROWN GREY	SAND / LIMESTONE /	GRAVEL	/ LOOSE /
72	25565	Lot Conc			NEPEAN TOWN	SHIP / OTTA	WA-CARI	ETON	FI	owing?		
Date	6/23/2014 DDMMYY	Elev Well_Depth_m: 8.22000020	` '	usting 441535 UTM RC 4	Northing margin of error : 30	5025543 m - 100 m			Pun	SWL ing WL np Rate	(mbgs) (mbgs) (LPM)	(masl) (masl)
		/ Monito Water Found Street 1599 CAF Town/City Ottawa	(mbgs)	nitoring and Test Hol (masl)	le	D	epth (m) 0.0	Elev (masl)	Spe Color	с. Сар.	(LPM/m) Soil Descriptio	Hr / Min
							0.3 1.5 8.2		GREY BROWN GREY	GRAVEL / SAND / LIMESTONE /	GRAVEL	/ LOOSE / LOOSE / LAYERED
72	25566	Lot Conc			NEPEAN TOWN	SHIP / OTTA		ETON		owing?		, _ , , _ , , _ ,
Date	6/23/2014 DDMMYY	Elev Well_Depth_m: 8.22000020	5702881	usting 441538 UTM RC 4 Initoring and Test Hol (masl)	Northing margin of error : 30		epth (m)	Elev (masl)	Pun Spe	SWL ing WL np Rate nc. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Street 1599 CAF Town/City Ottawa		, ,			0.0		Color		Soil Descriptio	ns
							0.3 1.8 8.2		GREY BROWN GREY	GRAVEL / SAND / LIMESTONE /	GRAVEL	/ LOOSE / LOOSE / LAYERED
72	25567	Lot Conc			OTTAWA	CITY / OTTA	WA-CARI	ETON	FI	owing?		
Date	6/24/2014 DDMMYY	Well_Depth_m: 3.96000000	3814697	usting 441537	Northing margin of error : 30	5025543 m - 100 m			Pun	SWL ing WL np Rate c. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Found Street 1599 CAF Town/City Ottawa	(mbgs)	nitoring and Test Hol (masl)	e	D	epth (m) 0.0	Elev (masl)	Color	·	Soil Descriptio	ns
							0.3 3.1 4.0		GREY BROWN GREY	GRAVEL / SAND / GRAVEL /	GRAVEL SAND	/ LOOSE / LOOSE / DENSE
72	25568	Lot Conc			NEPEAN TOWN	SHIP / OTTA	WA-CARI	ETON	FI	owing?		
Date	6/24/2014 DDMMYY	Elev Well_Depth_m: 5.17999983	. ,	usting 441569 UTM RC 4	Northing margin of error : 30	5025562 m - 100 m			Pun	SWL ing WL np Rate	(mbgs) (mbgs) (LPM)	(masl) (masl)
		/ Monito Water Found Street 1599 CAF Town/City Ottawa	(mbgs)	nitoring and Test Hol (masl)	le	D	epth (m) 0.0	Elev (masi)	Spe Color	c. Cap.	(LPM/m) Soil Descriptio	Hr / Min
							0.3 1.5		GREY BROWN	GRAVEL / SAND /	GRAVEL	/ LOOSE / LOOSE

Well I	Record #	
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722	5569	Lot	Conc			NEPEAN TOWN	NSHIP / OTT	AWA-CARL	.ETON	Fl	owing?		, .,
	6/24/2014 DDMMYY	Elev Well_Depth_m	(masl): 5.17999982833862	Easting UT	441562 M RC 4	Northing margin of error : 3	5025539 0 m - 100 m				SWL ing WL np Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
			/ Monitoring and Te	• Monitoring	and Test Hol	e	-	epth (m)	Elev (masl)	Spe	c. Cap.	(LPM/m)	Hr / Min
		Water Fou	ind (mbgs)		(masl)		_	0.0	Liev (masi)	Color		Soil Description	ıs
		Street Town/City	1599 CARLING AVE. Ottawa									·	
								0.3		GREY	GRAVEL /		/ LOOSE
								1.5		BROWN	SAND /	GRAVEL	/ LOOSE
								5.2		GREY	LIMESTONE /		/ LAYERED
722	:5570	Lot	Conc			NEPEAN TOW	NSHIP / OTT	AWA-CARL	ETON	Fl	owing?		
Date	6/24/2014	Elev	(masl)	Easting	441553	Northing	5025548			_	SWL	(mbgs)	(masl)
	DDMMYY		: 5.17999982833862	-	MRC 4	margin of error : 3					ing WL	(mbgs)	(masl)
						g					np Rate	(LPM)	,
			/ Monitoring and Te	-		е	D	epth (m)	Elev (masl)	Spe	с. Сар.	(LPM/m)	Hr / Min
		Water Fou	(3 /		(masl)			0.0		Color		Soil Description	ıs
		Street Town/City	1599 CARLING AVE. Ottawa										
								0.3		GREY	GRAVEL /		/ LOOSE
								1.5		BROWN	SAND /	GRAVEL	/ LOOSE
								5.2		GREY	LIMESTONE /		/ LAYERED
722	:5571	Lot	Conc			NEPEAN TOWN	NSHIP / OTT	AWA-CARL	.ETON	FI	owing?		
											SWL	(mbgs)	(masl)
	5/24/2014	Elev	(masl)	Easting	441541	Northing	5025552			Pump	ing WL	(mbgs)	(masl)
	DDMMYY	Well_Deptn_m	: 5.17999982833862	UI	MRC 4	margin of error : 3	0 m - 100 m			Pun	ıp Rate	(LPM)	/
			/ Monitoring and Te	• Monitoring	and Test Hol	e	-	lanth (m)	Floy (most)	Spe	c. Cap.	(LPM/m)	Hr / Min
		Water Fou	•	-	(masl)		L	0.0 0.0	Elev (masl)	Color		Soil Description	ne
			1599 CARLING AVE					0.0		Color		Soil Description	15
		Town/City	Ottawa										
								0.3		GREY	GRAVEL /		/ LOOSE
								1.5		BROWN	SAND /	GRAVEL	/ LOOSE
													/ LAYERED
								5.2		GREY	LIMESTONE /		
722	5572	Lot	Conc			NEPEAN TOW	NSHIP / OTT		ETON		owing?	(mala ma)	(mag))
	6/20/2014	Lot	Conc (masl)	Easting	441546	NEPEAN TOWN	NSHIP / OTT		ETON	FI	owing? SWL	(mbgs)	(masl)
Date		Elev		•	441546 M RC 4		5025337		ETON	Fl	owing? SWL ing WL	(mbgs)	(masl)
Date	6/20/2014	Elev	(masl): 5.17999982833862	UT	MRC 4	Northing margin of error : 3	5025337		ETON	Fl Pump Pun	owing? SWL ing WL ip Rate	(mbgs) (LPM)	(masl)
Date	6/20/2014	Elev Well_Depth_m	(masl): 5.17999982833862 / Monitoring and Te	UT Monitoring	M RC 4 and Test Hole	Northing margin of error : 3	5025337 0 m - 100 m		ETON Elev (masl)	Fl Pump Pun	owing? SWL ing WL	(mbgs)	(masl)
Date	6/20/2014	Elev Well_Depth_m Water Fou	(masl) : 5.17999982833862 / Monitoring and Te ind (mbgs) : 1599 CARLING AVE.	UT e Monitoring a	MRC 4	Northing margin of error : 3	5025337 0 m - 100 m	AWA-CARL		Fl Pump Pun	owing? SWL ing WL ip Rate	(mbgs) (LPM)	(masl) / Hr / Min
Date	6/20/2014	Elev Well_Depth_m Water Fou Street	(masl) : 5.17999982833862 / Monitoring and Te ind (mbgs) : 1599 CARLING AVE.	UT e Monitoring a	M RC 4 and Test Hole	Northing margin of error : 3	5025337 0 m - 100 m	AWA-CARL		Fl Pump Pun Spe	owing? SWL ing WL ip Rate	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
Date	6/20/2014	Elev Well_Depth_m Water Fou Street	(masl) : 5.17999982833862 / Monitoring and Te ind (mbgs) : 1599 CARLING AVE.	UT e Monitoring a	M RC 4 and Test Hole	Northing margin of error : 3	5025337 0 m - 100 m	Pepth (m) 0.0		Fl Pump Pun Spe Color	owing? SWL ing WL up Rate c. Cap.	(mbgs) (LPM) (LPM/m) Soil Description	(masi) / Hr / Min ns
Date	6/20/2014	Elev Well_Depth_m Water Fou Street	(masl) : 5.17999982833862 / Monitoring and Te ind (mbgs) : 1599 CARLING AVE.	UT e Monitoring a	M RC 4 and Test Hole	Northing margin of error : 3	5025337 0 m - 100 m	AWA-CARL		Pump Pun Spe Color	owing? SWL ing WL up Rate c. Cap.	(mbgs) (LPM) (LPM/m) Soil Description	(masl) / Hr / Min

Well	Record	#
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Well Record #					Dased on Willistry	OT ETITION OTHER TO	ator won information	Dutubuoo Boo	, o	avanabio ominio.
7225573	Lot	Conc		NEPEAN TO	WNSHIP / OTTAWA-C	ARLETON	Flowing	?		
							SW	'L	(mbgs)	(masl)
Date 6/23/2014	Elev	(masl)	Easting 4415	Northing	5025536		Pumping W	n	(mbgs)	(masl)
DDMMYY	Well Depth m	i: 8.22000026702881	UTM RC	4 margin of error :	: 30 m - 100 m		. •			/
				· ·			Pump Ra		(LPM)	•
		-	e Monitoring and Te	st Hole	Depth (m	i) Elev (masl)	Spec. Ca	р.	(LPM/m)	Hr / Min
	Water Fou	, ,	(masl)		0.0		Color		Soil Description	ns
	Street Town/City	t 1599 CARLING AVE Ottawa	Ε.							
					0.3		GREY	GRAVEL /		/ LOOSE
					1.5		BROWN	SAND /	GRAVEL	/ LOOSE
					8.2		GREY	LIMESTONE /	0.01722	/ LAYERED
					0.2		GRET	LIMESTONE /		/ LATERED
7225574	Lot	Conc		NEPEAN TO	WNSHIP / OTTAWA-C	ARLETON	Flowing			
D 4 0/00/0044		, n			5005540		SW	L	(mbgs)	(masl)
Date 6/20/2014		(masl)	Easting 4415	_	5025546		Pumping W	'L	(mbgs)	(masl)
DDMMYY	Well_Depth_m	: 5.17999982833862	UTM RC	4 margin of error :	: 30 m - 100 m		Pump Ra		(LPM)	ì
							•		. ,	Hr / Min
		/ Monitoring and To	e Monitoring and Te	st Hole	Depth (m	i) Elev (masl)	Spec. Ca	μ.	(LPM/m)	□I / IVIIII
	Water Fou	und (mbgs)	(masl)		0.0	., =10 (111431)	Color		Soil Description	ne
	Street Town/City	t 1599 CARLING AVE	≣. ` ´		0.0		Color		Soil Description	15
					0.0		DDOM/N	TODOOU /		/ OOFT
					0.3		BROWN	TOPSOIL /		/ SOFT
					1.8		BROWN	SAND /	GRAVEL	/ SOFT
					5.2		GREY	LIMESTONE /		/ LAYERED
7225575	Lot	Conc		NEDEAN TO	WNSHIP / OTTAWA-C	ARIETON	Flowing	?		
1223313	LOI	Conc		INLELANTO	WNSHIF / OTTAWA-C	ANLLION	SW		(mbgs)	(masl)
Date 6/20/2014	Elev	(masl)	Easting 4415	668 Northing	5025569					, ,
DDMMYY		3.66000008583069	UTM RC	_			Pumping W		(mbgs)	(masl)
DDIMINIT	Wen_beptil_in	3.00000000303007	OTHING	- margin or entor .	. 30 111 - 100 111		Pump Ra	te	(LPM)	1
		/ Monitoring and To	e Monitoring and Te	st Hole			Spec. Ca	p.	(LPM/m)	Hr / Min
	Water Fou	-	(masl)	01.1.010	Depth (m	ı) Elev (masl)				
		(3 /	` '		0.0		Color		Soil Description	ns
	Street	t 1599 CARLING AVE								
	Town/City	/ Ottawa								
					0.6		GREY	GRAVEL /		/ LOOSE
					1.5		BROWN	SAND /		/ SOFT
					3.7		GREY	GRAVEL /	SAND	/ SOFT
7225576	Lot	Conc		NEPEAN TO	WNSHIP / OTTAWA-C	ARLETON	Flowing	?		
							SW	'L	(mbgs)	(masl)
Date 6/20/2014	Elev	(masl)	Easting 4415	558 Northing	5025568		Pumping W	L	(mbgs)	(masl)
DDMMYY	Well_Depth_m	: 5.17999982833862	UTM RC	4 margin of error :	: 30 m - 100 m		Pump Ra		(LPM)	/
	_ · -			-			•		. ,	•
		/ Monitoring and To	e Monitoring and Te	st Hole	Depth (m	i) Elev (masl)	Spec. Ca	p.	(LPM/m)	Hr / Min
	Water Fou	-	(masl)			i) Elev (Illasi)	0-1		0-11 D1 11	
		, ,	` ,		0.0		Color		Soil Description	ns
		t 1599 CARLING AVE	Ξ.							
	Town/City	/ Ottawa								
					0.3		BROWN	TOPSOIL /		/ SOFT
									CDAVE	/ SOFT
					1.8		BROWN	SAND /	GRAVEL	
					5.2		GREY	LIMESTONE /		/ LAYERED
					5.2		GREY	LIMESTONE /		/ LAYERED

Vell Record #			Based of						
7225577	Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARI	ETON	Flowin	-		,
Date 6/20/2014 DDMMYY	Elev (masl) Well_Depth_m: 5.17999982833862 / Monitoring and Te	Easting 441548 UTM RC 4 Monitoring and Test Hol	Northing 502555 margin of error : 30 m - 100 m		Elev (masi)	S Pumping Pump R Spec. C	ate	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs)	(masl)		0.0	Liev (Iliasi)	Color		Soil Description	ns
	Street 1599 CARLING AVE Town/City Ottawa								
				0.3		GREY	GRAVEL /		/ LOOSE
				1.5		BROWN	SAND /	GRAVEL	/ SOFT
				5.2		GREY	LIMESTONE /		/ SOFT
7225578	Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARI	ETON .	Flowin	-		
Pate 6/24/2014	Elev (masl)	Easting 441541	Northing 502554	6			WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m: 5.17999982833862	UTM RC 4	margin of error : 30 m - 100 m			Pumping Pump R		(mbgs) (LPM)	(masl)
	/ Monitoring and To	Monitoring and Test Hol	•			Spec. C		(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)	е	Depth (m)	Elev (masl)				
	Street 1599 CARLING AVE Town/City Ottawa	, ,		0.0		Color		Soil Description	ns
				0.3		GREY	GRAVEL /		/ LOOSE
				1.5		BROWN	SAND /	GRAVEL	/ LOOSE
				5.2		GREY	LIMESTONE /		/ LAYERED
7233791	Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARI	.ETON	Flowin	ng?		
		Footing 444577					WL	(mbgs)	(masl)
Date 10/28/2014 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441577 UTM RC 4	Northing 502555 margin of error : 30 m - 100 m			Pumping		(mbgs)	(masl)
DDIWINTT	Well_Deptil_III.	OTWING 4	margin of error . 30 m - 100 m	•		Pump R		(LPM)	/
	/	Abandoned-Other		Depth (m)	Elev (masl)	Spec. C	ар.	(LPM/m)	Hr / Min
	Water Found (mbgs) Street 1599 CORLINS AVE Town/City Ottawa	(masl)		0.0		Color		Soil Description	
7233792	Lot Conc		NEPEAN TOWNSHIP / C	OTTAWA-CARI	ETON	Flowir	/ ng?		1
		F4l 444550	Northbra 500555	-		s	WL	(mbgs)	(masl)
Date 10/28/2014 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441556 UTM RC 4	Northing 502555 margin of error : 30 m - 100 m			Pumping		(mbgs)	(masl)
DDIIIII 1		O'III KO 4	margin of circles a committee in	•		Pump R		(LPM)	/ Hr / Min
	/ Other	Abandoned-Other		Depth (m)	Elev (masl)	Spec. C	ар.	(LPM/m)	TII / IVIIII
	Water Found (mbgs)	(masl)		0.0		Color		Soil Description	ns
	Street 1599 CORLING AVE Town/City Ottawa								
	iominony onawa						1		/
7233793	Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARI	.ETON	Flowir			,
		=			-		WL	(mbgs)	(masl)
Date 10/28/2014 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441549 UTM RC 4	Northing 502555 margin of error : 30 m - 100 m			Pumping		(mbgs)	(masl)
DOMINIT (мен_верш_ш.	UTWING 4	margin or entor . 30 m - 100 m	•		Pump R		(LPM)	/
	/ Other	Abandoned-Other		Depth (m)	Elev (masl)	Spec. C	ap.	(LPM/m)	Hr / Min
	Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa	(masl)		0.0	, ,	Color		Soil Description	ns
	Townsoity Ottawa								

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VOII I	Record #					ed on Ministry of E				
72	233794	Lot	Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARL	ETON	Flowing? SWL	(mbgs)	(masl)
Date	10/28/2014	Elev	(masl)	Easting 441568	•	25551		Pumping WL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:		UTM RC 4	margin of error : 30 m - 1	00 m		Pump Rate	(LPM)	1
			1	Abandoned-Other		5 44 4 5	-	Spec. Cap.	(LPM/m)	Hr / Min
		Water Foun	d (mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Color	Call Decarin	41aa
		Street Town/City	1599 CARLING AVE	,		0.0		Color	Soil Descrip	
72	233795	Lot	Conc		NEPEAN TOWNSHIF	P / OTTAWA-CARI	ETON	Flowing?	1	1
12			Oone					SWL	(mbgs)	(masl)
ate	10/28/2014	Elev	(masl)	Easting 441538	Northing 50	25548		Pumping WL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:		UTM RC 4	margin of error : 30 m - 1	00 m		Pump Rate	(LPM)	, ,
			/ Other	Abandanad Othar				Spec. Cap.	(LPM/m)	Hr / Min
		14/-4 F	/ Other	Abandoned-Other		Depth (m)	Elev (masl)	- F	,,	
		Water Foun	(0 /	(masl)		0.0		Color	Soil Descrip	tions
		Street Town/City	1599 CARLING AVE Ottawa						1	/
72	233796	Lot	Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARI	ETON	Flowing?		
ate	10/28/2014	Elev	(masl)	Easting 441576	Northing 50	25561		SWL	(mbgs)	(masl)
Jale	DDMMYY		(IIIasi)	UTM RC 4	-			Pumping WL	(mbgs)	(masl)
	DUIVIIVITT	Well_Depth_m:		UTWIRC 4	margin of error : 30 m - 1	00 M		Pump Rate	(LPM)	1
			/ Other	Abandoned-Other		Depth (m)	Flav (maal)	Spec. Cap.	(LPM/m)	Hr / Min
		Water Foun	d (mbgs)	(masl)		0.0	Elev (masl)	Color	Call Decarin	41aa
		Street Town/City	1599 CARLING AVE Ottawa			0.0		Coloi	Soil Descrip	tions
									I	I
72	233797	Lot	Conc		NEPEAN TOWNSHIP	P / OTTAWA-CARI	ETON .	Flowing?		
Date	10/28/2014	Elev	(masl)	Easting 441534	Northing 50	25535		SWL	(mbgs)	(masl)
ale	DDMMYY	Well_Depth_m:	(masi)	UTM RC 4	margin of error : 30 m - 1			Pumping WL	(mbgs)	(masl)
	DOMINITY	**eii_Deptii_III.		OTWING 4	margin of error . 30 m - 1	00 III		Pump Rate	(LPM)	/
			/ Other	Abandoned-Other		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
		Water Foun	d (mbgs)	(masl)		0.0	Elev (Illasi)	Color	Sail Decerin	tions
		Street Town/City	1599 CARLING AVE			0.0		Color	Soil Descrip	tions
		Townscity	Ottawa						/	/
72	233798	Lot	Conc		NEPEAN TOWNSHIF	P / OTTAWA-CARI	ETON	Flowing?	·	
	10/00/001			.	N 411	05500		SWL	(mbgs)	(masl)
Date	10/28/2014	Elev	(masl)	Easting 441535	•	25530		Pumping WL	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:		UTM RC 4	margin of error : 30 m - 1	00 m		Pump Rate	(LPM)	1
			/ Other	Abandoned-Other				Spec. Cap.	(LPM/m)	Hr / Min
		Water Foun		(masl)		Depth (m)	Elev (masl)	•		
		Street	1599 CARLING AVE Ottawa	(111031)		0.0		Color	Soil Descrip	tions

Vell Record #			Based	d on Ministry of E	nvironment Wa	ter Well Information Da	tabase December 31, 20	16, available online.
7233799	Lot Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARL	ETON	Flowing?		
10/28/2014 DDMMYY	Well_Depth_m:	masl) Easting 441536 UTM RC 4 ring and Te Abandoned-Other	Northing 502 margin of error : 30 m - 10			SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found Street 1599 CAR	(mbgs) (masl)		Depth (m) 0.0	Elev (masl)	Color	Soil Descrip	tions
	Town/City Ottawa						1	I
7233800	Lot Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARL	ETON	Flowing?	(mala ma)	(*****)
10/28/2014 DDMMYY	Well_Depth_m:	masl) Easting 441539 UTM RC 4	Northing 502 margin of error : 30 m - 10	5525 0 m		SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found Street 1599 CAR Town/City Ottawa	ring and Te Abandoned-Other (mbgs) (masl) :LING AVE		Depth (m) 0.0	Elev (masl)	Color	Soil Descrip	
7233801	Lot Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARI	FTON	Flowing?	/	,
ate 10/25/2014 DDMMYY		masl) Easting 441525 UTM RC 4		5540		SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
	/ Other Water Found Street 1599 CAR	Abandoned-Other (mbgs) (masl)		Depth (m) 0.0	Elev (masl)	Spec. Cap.	(LPM/m) Soil Descrip	Hr / Min tions
	Town/City Ottawa						1	/
7233802	Lot Conc		NEPEAN TOWNSHIP	/ OTTAWA-CARL	ETON	Flowing?	·	
10/28/2014 DDMMYY	Elev (Well_Depth_m:	masl) Easting 441577 UTM RC 4 Abandoned-Other	Northing 502 margin of error : 30 m - 10			SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found Street 1599 CAR Town/City Ottawa	(mbgs) (masl)		Depth (m) 0.0	Elev (masl)	Color	Soil Descrip	tions
							1	1
7233889 late 10/28/2014 DDMMYY	Lot Conc Elev (Well_Depth_m: 1.53314411	masl) Easting 441527 640167 UTM RC 4	NEPEAN TOWNSHIP Northing 502 margin of error : 30 m - 10	5544	ETON	Flowing? SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		ring and Te Monitoring and Test H	ole	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found Street 1599 CAR Town/City Ottawa	(mbgs) (masl)		0.0		Color	Soil Descrip	tions
				0.1 0.6 1.5		GREY BROWN GREY L	GRAVEL / CLAY / SAND IMESTONE /	/ LOOSE / GRAVEL / LAYERED

Well Recor	rd#			Based on I	Ministry of E	nvironment Wa	ter Well Information Databa	se December 31, 201	6, available online.
723538	88	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARL	ETON	Flowing?		
	25/2014 MMYY	Elev (masl) Well_Depth_m:	Easting 441385 UTM RC 4	Northing 5025167 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Spec. Cap.	(LPM/m) Soil Descript	Hr / Min
		Street Town/City							
								1	1
723960	03	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARL	ETON	Flowing?	(rede ere)	(1)
ate 3/12	2/2015	Elev (masl)	Easting 441572	Northing 5025537			SWL Pumping WL	(mbgs) (mbgs)	(masl) (masl)
DDN	MMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	(111051)
				-			Spec. Cap.	(LPM/m)	, Hr / Min
		/	Abandoned-Other		Depth (m)	Elev (masl)	эрес. Сар.	(LFIVI/III)	THE THE TERM OF THE TERMS OF TH
		Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa	(masl)		0.0		Color	Soil Descript	ions
		Townsorty Ottawa						1	I
723960	04	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARL	ETON	Flowing?		
							SWL	(mbgs)	(masl)
	8/2015	Elev (masl)	Easting 441575	Northing 5025542			Pumping WL	(mbgs)	(masl)
DDN	MMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	1
		/	Abandoned-Other				Spec. Cap.	(LPM/m)	Hr / Min
		Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl)			
		Street 1599 CARLING AVE Town/City Ottawa	,		0.0		Color	Soil Descript	
723960	0E	Lot Conc		NEPEAN TOWNSHIP / OT	TAMA CARL	ETON!	Flowing?	/	/
723960	US	Lot Conc		NEFEAN TOWNSHIF / OT	IAWA-CARL	ETON	SWL	(mbgs)	(masl)
Date 3/12	2/2015	Elev (masl)	Easting 441575	Northing 5025542			Pumping WL	(mbgs)	(masl)
DDN	MMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	(masi) /
							Spec. Cap.	(LPM/m)	, Hr / Min
		/	Abandoned-Other		Depth (m)	Elev (masl)	opec. Cap.	(E1 191/111)	1 II / IVIII /
		Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa	(masl)		0.0		Color	Soil Descript	ions
								1	I
723960	06	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARL	ETON	Flowing? SWL	(mbgs)	(masl)
Date 3/13	3/2015	Elev (masl)	Easting 441577	Northing 5025543			SWL Pumping WL	(mbgs)	(masi)
DDN	MMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m				(LPM)	(masi) /
				•			Pump Rate	(LPM) (LPM/m)	/ Hr / Min
		1	Abandoned-Other		Depth (m)	Elev (masl)	Spec. Cap.	(LPIVI/M)	mr / wiifi
		Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa	(masl)		0.0	,	Color	Soil Descript	ions
								1	1

Well Record #			Based on M	linistry of Env	vironment Wa	ter Well Information Databa	se December 31, 20	16, available online.
7239607	Lot Conc		NEPEAN TOWNSHIP / OTT	AWA-CARI F	TON	Flowing?		
720007	Lot Conc		NEI EXIT TOWNSHII 7 OTT	THE COURT	1011	SWL	(mbgs)	(masl)
Date 3/12/2015	Elev (masl)	Easting 441576	Northing 5025543			Pumping WL	(mbgs)	(masl)
DDMMYY	Well Depth m:	UTM RC 4	margin of error : 30 m - 100 m				(LPM)	(11831)
			J			Pump Rate	, ,	,
	1	Abandoned-Other		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)	•	,	Liev (Iliasi)	0-1	0-11 D	
	Street 1599 CARLING AVE Town/City Ottawa	()		0.0		Color	Soil Descript	tions
							1	1
7239608	Lot Conc		NEPEAN TOWNSHIP / OTT	AWA-CARLE	TON	Flowing?		
7200000	_ Lot Golic			, , , , , , , , , , , , , , , , , , , ,		SWL	(mbgs)	(masl)
Date 3/13/2015	Elev (masl)	Easting 441512	Northing 5025564			Pumping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m					, ,
3 2						Pump Rate	(LPM)	1
	1	Abandoned-Other		Daniella (n.)	Flancium 10	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)		,	Elev (masl)			
	(3 /	(IIIaSI)		0.0		Color	Soil Descript	tions
	Street 1599 CARLING AVE Town/City OTTAWA							
	7						1	I
7239609	Lot Conc		NEPEAN TOWNSHIP / OTT	AWA-CARLE	TON	Flowing?		
	_					SWL	(mbgs)	(masl)
Date 3/13/2015	. ,	Easting 441547	Northing 5025556			Pumping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	/
						Spec. Cap.	(LPM/m)	, Hr / Min
	1	Abandoned-Other	1	Depth (m)	Elev (masl)	эрес. Сар.	(LPIVI/III)	□I / IVIIII
	Water Found (mbgs)	(masl)	•	0.0		Color	Soil Descript	tions
	Street 1599 CARLING AVE Town/City Ottawa			0.0		Color	/	/
7239610	Lot Conc		NEPEAN TOWNSHIP / OTT	ΓΔWΔ_CΔRIF	TON	Flowing?	,	,
1200010	Lot Golic		THE EAST OWNORM A OTT	, WY I OAINLL		SWL	(mbgs)	(masl)
Date 3/12/2015	Elev (masl)	Easting 441517	Northing 5025551					, ,
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pumping WL	(mbgs)	(masl)
DOMINIT	······_Deptii_iii.	UTWING 4	marg or error . 30 m - 100 m			Pump Rate	(LPM)	1
	/	Abandoned-Other				Spec. Cap.	(LPM/m)	Hr / Min
	· ·		ı		Elev (masl)			
	Water Found (mbgs)	(masl)		0.0		Color	Soil Descript	tions
	Street 1599 CARLING AVE Town/City Ottawa							
7000044]		NEDEAN TOWNSHIP / OTT	TANALA CADI E	TON	Flowing?	/	/
7239611	Lot Conc		NEPEAN TOWNSHIP / OTT	AWA-CAKLE	ION	•	(mala ma)	(magal)
Date 3/13/2015	Elev (masl)	Easting 441575	Northing 5025529			SWL	(mbgs)	(masl)
	, ,	•	•			Pumping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	1
	1	Abandanad Othar				Spec. Cap.	(LPM/m)	Hr / Min
	· ·	Abandoned-Other	!	Depth (m)	Elev (masl)	- FF-	` ' '	
	Water Found (mbgs)	(masl)		0.0		Color	Soil Descript	tions
	Street 1599 CARLING AVE							
	Town/City							
	· Carrie Oity							
							1	1

Well Record #		Based on Ministry of Environment Wa	ter Well Information Database December 3	1, 2016, available online.
7239628	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?	
Date 3/12/2015 DDMMYY	Elev (masl) Easting 441572 Well_Depth_m: UTM RC 4	Northing 5025537 margin of error : 30 m - 100 m	SWL (mbgs) Pumping WL (mbgs) Pump Rate (LPM)	(masl) (masl)
	/ Abandoned-Other Water Found (mbgs) (masl) Street 1599 CARLING AVE	Depth (m) Elev (masl) 0.0	Spec. Cap. (LPMm) Color Soil De	Hr / Min
	Town/City Ottawa		1	I
7239653	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?	
Date 3/12/2015	Elev (masl) Easting 441522 Well_Depth_m: UTM RC 4	Northing 5025544 margin of error : 30 m - 100 m	SWL (mbgs) Pumping WL (mbgs)	(masl)
DDIIIII 1	- ' -	margin of error . 30 m - 100 m	Pump Rate (LPM) Spec. Cap. (LPM/m)	/ Hr / Min
	/ Abandoned-Other Water Found (mbgs) (masl)	Depth (m) Elev (masl) 0.0	, , ,	scriptions
	Street 1599 CARLING AVE Town/City Ottawa			
	¬	NEDE AN TOWNSHIP (OTT) AND AND TO SEE	/	I
7239654	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing? SWL (mbgs)	(masl)
Date 3/12/2015	Elev (masl) Easting 441522		Pumping WL (mbgs)	(masl)
DDMMYY	Well_Depth_m: UTM RC 4	margin of error : 30 m - 100 m	Pump Rate (LPM)	1
	/ Abandoned-Other Water Found (mbgs) (masl)	Depth (m) Elev (masl)	Spec. Cap. (LPM/m)	
	Street 1599 CARLING AVE Town/City	0.0	Color Soil De	scriptions
			I	1
7239655	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing? SWL (mbgs)	(masl)
Date 3/13/2015	Elev (masl) Easting 441581	Northing 5025531	Pumping WL (mbgs)	(masi)
DDMMYY	Well_Depth_m: UTM RC 4	margin of error : 30 m - 100 m	Pump Rate (LPM)	, ,
	/ Abandoned-Other	Depth (m) Elev (masl)	Spec. Cap. (LPM/m)	Hr / Min
	Water Found (mbgs) (masl) Street 1599 CARLING AVE	0.0	Color Soil De	scriptions
	Town/City Ottawa		1	/
7239656	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?	
Date 3/12/2015	Elev (masl) Easting 441524	Northing 5025533	SWL (mbgs) Pumping WL (mbgs)	(masl) (masl)
DDMMYY	Well_Depth_m: UTM RC 4	margin of error : 30 m - 100 m	Pump Rate (LPM)	1
	/ Abandoned-Other	Depth (m) Elev (masl)	Spec. Cap. (LPM/m)	Hr / Min
	Water Found (mbgs) (masl) Street 1599 CARLING AVE Town/City Ottawa	0.0	Color Soil De	scriptions
			1	1

Well Record	#	Based on N	linistry of Environment Wa	ater Well Information Databas	se December 31, 201	6, available online.
7239657	Lot Conc	NEPEAN TOWNSHIP / OTT	AWA-CARLETON	Flowing?		
720007	Lot Conc	NEI EAN TOWNSHILL TOTAL	, work of the Eron	SWL	(mbgs)	(masl)
Date 3/12/20	015 Elev (masl) East	ting 441532 Northing 5025533		Pumping WL	(mbgs)	(masl)
DDMM	YY Well_Depth_m:	UTM RC 4 margin of error: 30 m - 100 m			, ,	(111451)
				Pump Rate	(LPM)	,
	/ Aban	ndoned-Other	S4b ()	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)	Depth (m) Elev (masl)			
	Street 1599 CARLING AVE	(mesi)	0.0	Color	Soil Descripti	ons
	Town/City Ottawa					
					1	1
7239658	Lot Conc	NEPEAN TOWNSHIP / OTT	AWA-CARLETON	Flowing?		
				SWL	(mbgs)	(masl)
Date 3/12/20	015 Elev (masl) East	ting 441536 Northing 5025527		Pumping WL	(mbgs)	(masl)
DDMM	YY Well_Depth_m:	UTM RC 4 margin of error: 30 m - 100 m			, ,	(IIIasi) /
				Pump Rate	(LPM)	·
	/		2 and h (m) = = = = = = = = = = = = = = = = = = =	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)	Depth (m) Elev (masl)			
	(3 /	(111031)	0.0	Color	Soil Descripti	ons
	Street 1599 CARLING AVE Town/City Ottawa					
	·				1	1
7239794	Lot Conc	NEPEAN TOWNSHIP / OTT	AWA-CARLETON	Flowing?		
				SWL	(mbgs)	(masl)
Date 3/12/20	015 Elev (masl) East	ting 441533 Northing 5025530		Pumping WL	(mbgs)	(masl)
DDMM	* *	UTM RC 4 margin of error : 30 m - 100 m				` '
22	· · · · · · · · · · · · · · · · · · ·	margin or onor . co in - 100 in		Pump Rate	(LPM)	1
	/ Aban	ndoned-Other		Spec. Cap.	(LPM/m)	Hr / Min
			Depth (m) Elev (masl)			
	Street 1599 CARLINS AVE	(masl)	0.0	Color	Soil Descripti	ons
	Town/City Ottawa				1	1
7000705	1.14 0.00	OTTANNA CITY / OTT	AMA CADI ETON	Flaudaga	1	1
7239795	Lot Conc	OTTAWA CITY / OTT	AWA-CARLETON	Flowing?		, ,
Date 3/12/20	D15 Elev (masl) East	ting 441573 Northing 5025534		SWL	(mbgs)	(masl)
	, ,	. 3		Pumping WL	(mbgs)	(masl)
DDMM	YY Well_Depth_m:	UTM RC 4 margin of error : 30 m - 100 m		Pump Rate	(LPM)	1
				Spec. Cap.	(LPM/m)	Hr / Min
		ndoned-Other	Depth (m) Elev (masl)		(=:)	
	Water Found (mbgs)	(masl)	0.0	Color	Soil Descripti	ons
	Street 1599 CARLING AVE		0.0	00101	Con Descripti	0110
	Town/City Ottawa					
	Town/City Ottawa					
					1	1
7239796	Lot Conc	NEPEAN TOWNSHIP / OTT	AWA-CARLETON	Flowing?	()	(N
0/40/00	045 Flore (month) = 11	N-41 5005510		SWL	(mbgs)	(masl)
Date 3/12/20	, ,	· ·		Pumping WL	(mbgs)	(masl)
DDMM	YY Well_Depth_m:	UTM RC 4 margin of error : 30 m - 100 m		Pump Rate	(LPM)	1
				·	' '	, Hr / Min
	/ Aband	ndoned-Other	Depth (m) Elev (masl)	Spec. Cap.	(LPM/m)	□I / IVIIf1
	Water Found (mbgs)	(masl)	, , , , ,	Calan	Call Dag!41	
	Street 1599 CARLING AVE	, ,	0.0	Color	Soil Descripti	ons
	Town/City Ottawa					
					1	1
					/	1

72	39797	Lot Conc			NEPEAN TOWNSHIP / C	TTAWA-CARI	FTON	Flowing?			
ate	3/12/2015 DDMMYY		masl) Easting U	441572 TM RC 4	Northing 502553 margin of error : 30 m - 100 m	7	LION	SWL Pumping WL Pump Rate		(mbgs) (mbgs) (LPM)	(masl) (masl)
		/ Water Found Street 1599 CAR	Abandone (mbgs)	ed-Other (masl)		Depth (m) 0.0	Elev (masi)	Spec. Cap.		(LPM/m) Soil Descriptions	Hr / Min
		Town/City Ottawa	LING AVE						1		/
72	39798	Lot Conc			NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing?			
ate	3/12/2015 DDMMYY	Elev (Well_Depth_m:		441572 TM RC 4	Northing 502553 margin of error : 30 m - 100 n			SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Found Street 1599 CAR Town/City Ottawa	Abandone (mbgs) LING AVE	ed-Other (masl)		Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	
									1		1
72	40874	Lot Conc			NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing?			
ate	3/12/2015 DDMMYY	Well_Depth_m:	masl) Easting U	441366 TM RC 4	Northing 502514 margin of error : 30 m - 100 n			SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Found Street Town/City	(mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	
									1		1
72	43546	Lot Conc			NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing? SWL		(mbgs)	(masl)
ate	5/20/2015 DDMMYY	Elev (Well_Depth_m: 5.48999977	masl) Easting 111816 U	441557 TM RC 4	Northing 502555 margin of error : 30 m - 100 m			Pumping WL Pump Rate		(mbgs) (LPM)	(masl)
		Monitoring / Test He				Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min
		Water Found Street 1599 CAR Town/City OTTAWA		(masl)		0.0		Color		Soil Descriptions	5
						0.3		GREY	GRAVEL /	LOOSE	1
						1.8 5.5		BROWN GREY	SAND / SHALE /	GRAVEL LIMESTONE	/ SOFT / LAYERED
72	43547	Lot Conc			NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing?			
ate	5/28/2015 DDMMYY	Elev (Well_Depth_m: 5.48999977	masl) Easting	441551 TM RC 4	Northing 502553 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate		(mbgs) (mbgs) (LPM)	(masl) (masl) /
		Monitoring / Test Howard	ole Test Hole (mbgs)	(masl)		Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min
		Street 1599 CAR Town/City OTTAWA	LING AVE.	. ,		0.0		Color		Soil Descriptions	•
						0.3		GREY	GRAVEL /	LOOSE	1
						1.8		BROWN	SAND /	GRAVEL	/ SOFT / LAYERED

Lot Conc Elev (masl) Well_Depth_m: 3.66000008583069 Monitoring / Test Hole Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA	Easting 44153 UTM RC 2 Test Hole (masl)	5 Northing	NSHIP / OTTAWA-C/ 5025547 0 m - 100 m Depth (m) 0.0		Flow S Pumping Pump I Spec. (SWL WL Rate	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
Well_Depth_m: 3.66000008583069 Monitoring / Test Hole Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA	UTM RC 4 Test Hole (masl)	•	0 m - 100 m Depth (m) 0.0	Elev (masi)	Pumping Pump I Spec. (WL Rate	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA	(masl)		0.0	Elev (masi)	•	Cap.	, ,	
Lot Conc			0.3					
Lot Conc					GREY	GRAVEL /	LOOSE	/
Lot Conc			1.8		BROWN	SAND /	GRAVEL	/ SOFT
Lot Conc			3.7		GREY	GRAVEL /	LOOSE	/
Elev (masl) Well_Depth_m: 14.0200004577637	Easting 44155	9 Northing	NSHIP / OTTAWA-C 5025565 0 m - 100 m	ARLETON	Pumping	WL WL	(mbgs) (mbgs) (LPM)	(mas (mas
Monitoring / Test Hole Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA	Test Hole (masl)		Depth (m) 0.0	Elev (masi)	Spec. (Cap.	, ,	Hr / Min
			0.3 2.7 14.0		GREY BROWN GREY	GRAVEL / SAND / SHALE /	GRAVEL	/ / SOFT / LAYE
Lot Conc		NEPEAN TOWN		ARLETON				
Elev (masl) Well_Depth_m: 14.0200004577637	UTM RC 4	3 Northing	5025558	WEET OIL	Pumping Pump I	SWL WL Rate	(mbgs) (mbgs) (LPM) (LPM/m)	(masl (masl / Hr / Min
Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Color		, ,	ıs
			0.3		GREY	GRAVEL /	LOOSE	/
			3.1		BROWN	SAND /	GRAVEL	/ SOFT / LAYE
	Monitoring / Test Hole Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA Lot Conc Elev (masl) Well_Depth_m: 14.0200004577637 Test Hole / Monitoring Water Found (mbgs) Street 1599 CARLING AVE	Monitoring Test Hole Test Hole	Monitoring / Test Hole Test Hole Water Found (mbgs) (masl) Street 1599 CARLING AVE. Town/City OTTAWA Lot Conc NEPEAN TOWN Elev (masl) Easting 441573 Northing Well_Depth_m: 14.0200004577637 UTM RC 4 margin of error: 3 Test Hole / Monitoring Test Hole Water Found (mbgs) (masl) Street 1599 CARLING AVE. Town/City OTTAWA	Monitoring	Monitoring	Monitoring Test Hole Te	Monitoring Test Hole Tes	Veril Depth Monitoring Test Hole Test Hole Test Hole Monitoring Test Hole Test Hole Test Hole Monitoring Test Hole Test Hole Test Hole Test Hole Test Hole Monitoring Test Hole Test Hol

Date	5/27/2015 DDMMYY	Elev Well_Depth_m: 14.	(masl) 0200004577637	Easting UT	441576 M RC 4	Northing margin of error : 30	5025550 m - 100 m			P	umping WL Pump Rate		(mbgs) (LPM)	(masl) /	
		Monitoring /	Test Hole	Test Hole				Depth (m)	Elev (masl)		Spec. Cap.	(LPM/m)	Hr / Min	
		Water Found	(mbgs)		(masl)			0.0	()	Color			Soil Descriptions	;	
		Street 15	99 CARLING AVE	<u>.</u>									•		
		Town/City O	ΓΤΑWA												
								0.3		GREY		GRAVEL /	LOOSE	1	
								3.1		BROWN		SAND /	GRAVEL	/ SOFT	
								14.0		GREY		SHALE /	LIMESTONE	/ LAYERED	

5025550

Date

5/27/2015

Elev

(masl)

Easting

441576

Northing

Vell R	Record #				Based on	Ministry of E	Environment Wa	ter Well Information [Database Dec	ember 31, 2016,	available onli
72	43553	Lot	Conc		NEPEAN TOWNSHIP / O	ΓTAWA-CAR	LETON	Flowing			
Date	5/25/2015 DDMMYY		(masl) 14.0200004577637	Easting 441531 UTM RC 4	Northing 5025547 margin of error : 30 m - 100 m			SWI Pumping WI Pump Rat Spec. Cap	-	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Four	1599 CARLING AVE	Test Hole (masl)		Depth (m) 0.0	Elev (masl)	Color		Soil Description	
						0.3 2.1 14.0		GREY BROWN GREY	GRAVEL / SAND / SHALE /	LOOSE GRAVEL LIMESTONE	/ / SOFT / LAYERE
72	243554	Lot	Conc		NEPEAN TOWNSHIP / O	TTAWA-CAR	LETON	Flowing			
ate	5/25/2015 DDMMYY	Elev Well_Depth_m:	(masl) 14.0200004577637	Easting 441546 UTM RC 4	Northing 5025557 margin of error : 30 m - 100 m			SWI Pumping WI Pump Rat	_	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		Water Four	1599 CARLING AVE	Observation Wells (masl)		Depth (m) 0.0	Elev (masi)	Spec. Cap		(LPM/m) Soil Description	Hr / Min
						0.3		GREY	GRAVEL /	LOOSE	/
						2.1		BROWN	SAND /	GRAVEL	/ SOFT
						14.0		GREY	SHALE /	LIMESTONE	/ LAYER
		Lot	Conc		NEPEAN TOWNSHIP / O'		LETON	Flowing	?		
	5/26/2015 DDMMYY	Elev Well_Depth_m:	(masl) 14.0200004577637	Easting 441534 UTM RC 4	Northing 5025525 margin of error : 30 m - 100 m	TAWA-CAR		SWI Pumping Wi Pump Rati	- - ə	(mbgs) (mbgs) (LPM)	(masl) (masl) /
	5/26/2015	Elev Well_Depth_m: Monitorii Water Four	(masl) 14.0200004577637 ng / Test Hole nd (mbgs) 1599 CARLING AVE.	UTM RC 4 Test Hole (masl)	Northing 5025525	Depth (m)	Elev (masi)	SWI Pumping W	- - ə	(mbgs)	(masl) / Hr / Min
72 ate	5/26/2015	Elev Well_Depth_m: Monitorii Water Four	(masl) 14.0200004577637 ng / Test Hole nd (mbgs) 1599 CARLING AVE.	UTM RC 4 Test Hole (masl)	Northing 5025525	Depth (m)		SW Pumping W Pump Rat Spec. Cap	- - ə	(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min

							14.0		GREY	SHALE /	LIMESTONE	/ LAYERED	
7.	243556	Lot	Conc			NEPEAN TOWNSHIP / (OTTAWA-CAR	LETON	Flowing	?			
Date	5/26/2015 DDMMYY	Elev Well_Depth_m:	(masl) 14.0200004577637	Easting U	441548 FM RC 4	Northing 502555 margin of error : 30 m - 100 n			SWI Pumping WI Pump Rat	L	(mbgs) (mbgs) (LPM)	(masl) (masl) /	
		Water Four	1599 CARLING AV	Test Hole	(masl)		Depth (m) 0.0	Elev (masl)	Spec. Cap).	(LPM/m) Soil Description	Hr / Min s	
							0.3 2.7 14.0		GREY BROWN GREY	GRAVEL / SAND / SHALE /	LOOSE GRAVEL LIMESTONE	/ / SOFT / LAYERED	

Well Record #			Based on	Ministry of Env	vironment Wa	ter Well Information Da	tabase December 31, 2016, available online.
7243557 Date 5/29/2015 DDMMYY	Elev (masl) Well_Depth_m: 14.0200004577637 Monitoring / Test Hole Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA	Easting 441551 UTM RC 4 Test Hole (masl)	NEPEAN TOWNSHIP / OT Northing 5025539 margin of error : 30 m - 100 m	Depth (m) 0.0 0.3 2.7 14.0	TON Elev (masl)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color GREY BROWN GREY	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min Soil Descriptions GRAVEL / LOOSE / SAND / GRAVEL / SOFT SHALE / LIMESTONE / LAYERED
7245027	Lot Conc		NEPEAN TOWNSHIP / OT		TON	Flowing?	
Date 6/8/2015 DDMMYY	Elev (masl) Well_Depth_m: Monitoring / Test Hole Water Found (mbgs) Street 861 CLYDE AVE Town/City Ottawa	Easting 441373 UTM RC 4 Abandoned-Other (masl)	Northing 5025174 margin of error : 30 m - 100 m	Depth (m) 0.0	Elev (masi)	SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min Soil Descriptions
7245028	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARLE	TON	Flowing?	1 1
Date 6/8/2015 DDMMYY	Elev (masl) Well_Depth_m: Monitoring / Test Hole Water Found (mbgs) Street 861 CLYDE AVE Town/City Ottawa	Easting 441373 UTM RC 4 Abandoned-Other (masl)	Northing 5025174 margin of error : 30 m - 100 m	Depth (m) 0.0	Elev (masi)	SWL Pumping WL Pump Rate Spec. Cap. Color	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min Soil Descriptions
7245029	Lot Conc		OTTAWA CITY / OT	TAWA-CARLE	TON	Flowing?	/ /
Date 6/8/2015 DDMMYY	Elev (masl) Well_Depth_m: Monitoring / Test Hole Water Found (mbgs) Street 861 CLYDE AVE Town/City Ottawa	Easting 441391 UTM RC 4 Abandoned-Other (masl)	Northing 5025158 margin of error : 30 m - 100 m	Depth (m) 0.0	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap. Color	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min Soil Descriptions
7246035	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARLE	TON	Flowing?	
Date 6/26/2015 DDMMYY	Elev (masl) Well_Depth_m: / Water Found (mbgs) Street 861 CLYDE AVE.	Easting 441393 UTM RC 4 Abandoned-Other (masl)	Northing 5025168 margin of error : 30 m - 100 m	Depth (m) 0.0	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap. Color	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPMm) Hr / Min Soil Descriptions

Town/City OTTAWA

Well Record #			Based on Ministry of	Environment Wa	ater Well Information Databas	e December 31, 2016,	available online.
7246036	Lot Conc		OTTAWA CITY / OTTAWA-CAR	LETON	Flowing?		
Date 6/26/2015 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441396 UTM RC 4 Abandoned-Other	Northing 5025153 margin of error : 30 m - 100 m	Electron N	SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs) Street 861 CLYDE AVE. Town/City OTTAWA	(masl)	Depth (m) 0.0	Elev (masl)	Color	Soil Description	s
						1	I
7246037	Lot Conc		OTTAWA CITY / OTTAWA-CAR	LETON	Flowing? SWL	(male ma)	(maal)
0ate 6/26/2015 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441387 UTM RC 4	Northing 5025148 margin of error : 30 m - 100 m		Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl)
	/	Abandoned-Other	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA	(masl)	0.0		Color	Soil Description	s
	, 					1	1
7249315	Lot Conc		OTTAWA CITY / OTTAWA-CAR	LETON	Flowing? SWL	(mhas)	(masl)
2ate 3/13/2015 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441521 UTM RC 4	Northing 5025530 margin of error : 30 m - 100 m		Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl)
	1	Abandoned-Other	Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa	(masl)	0.0		Color	Soil Description	s
7256626	Lot Conc		OTTAWA CITY / OTTAWA-CAF	LETON	Flowing?		/
Date 10/7/2015 DDMMYY	Elev (masl) Well_Depth_m: 5.63880014419556	Easting 441436 UTM RC 4	Northing 5025109 margin of error : 30 m - 100 m		SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
	Not Used / Other Water Found (mbgs) Street 861 CLYDE AV Town/City Ottawa	Test Hole (masl)	Depth (m) 0.0	Elev (masl)	Spec. Cap. Color	(LPM/m) Soil Description	Hr / Min s
			0.3 1.2 3.7 5.6			/ GRAVEL SILT / CLAY SILT / CLAY ONE /	/ HARD / MEDIUM SAND / MEDIUM SAND / HARD
7256627	Lot Conc		NEPEAN TOWNSHIP / OTTAWA-CAR	LETON	Flowing?		
10/7/2015 DDMMYY	Elev (masl) Well_Depth_m: 2.43840003013611	Easting 441437 UTM RC 4	Northing 5025118 margin of error : 30 m - 100 m		SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
	Test Hole / Other Water Found (mbgs)	Other Status (masl)	Depth (m) 0.0	Elev (masl)	Spec. Cap.	(LPM/m) Soil Description	Hr / Min s
	Street 861 CLYDE AV Town/City Ottawa						
			0.3 1.2		GREY GREY	/ GRAVEL SILT / CLAY	/ HARD / MEDIUM SAND
hursday, July 21, 2022 ecord Count 192	2						Page 57 o

ell Record #			Based on Ministry of	Environment Wa	ater Well Information Dat	abase Dec	ember 31, 2016, a	vailable online.
			2.4		GREY	SILT /	MEDIUM SAND	/ CLAY
7260240	Lot Conc		NEPEAN TOWNSHIP / OTTAWA-CAP	RLETON	Flowing? SWL		(mbgs)	(masl)
2/23/2016 DDMMYY	Elev (masl) Well_Depth_m: 5.17999982833862	Easting 441438 UTM RC 4	Northing 5025110 margin of error : 30 m - 100 m		Pumping WL Pump Rate		(mbgs) (LPM)	(masl) /
	Monitoring / Test Hole Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA	Observation Wells (masl)	Depth (m) 0.0	Elev (masl)	Spec. Cap.		(LPM/m) Soil Descriptions	Hr / Min
			1.2 2.7 5.2		BROWN BROWN GREY LII	SAND / SAND / MESTONE /	GRAVEL	/ SOFT / SOFT /
7260241	Lot Conc		NEPEAN TOWNSHIP / OTTAWA-CAP	RLETON	Flowing?			
2/23/2016 DDMMYY	Elev (masl) Well_Depth_m: 4.86999988555908 Monitoring / Municipal	Easting 441440 UTM RC 4 Observation Wells	Northing 5025107 margin of error : 30 m - 100 m	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA	(masl)	0.0	,,	Color		Soil Descriptions	
			1.2 2.7 4.9		BROWN BROWN GREY LII	SAND / SAND / MESTONE /	GRAVEL SHALE	/ SOFT / SOFT /
7263433	Lot Conc		NEPEAN TOWNSHIP / OTTAWA-CAF	RLETON	Flowing? SWL		(mbgs)	(masl)
3/23/2016 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441674 UTM RC 4	Northing 5025120 margin of error : 30 m - 100 m		Pumping WL Pump Rate Spec. Cap.		(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
	Water Found (mbgs) Street Town/City	(masl)	Depth (m) 0.0	Elev (masi)	Color	,	Soil Descriptions	
7267056	Lot Conc		OTTAWA CITY / OTTAWA-CAF	RLETON	Flowing?	,		,
8/20/2015 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441394 UTM RC 4	Northing 5025094 margin of error : 30 m - 100 m		SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs) Street Town/City	(masl)	Depth (m) 0.0	Elev (masl)	Color	,	Soil Descriptions	
7267058	Lot Conc		OTTAWA CITY / OTTAWA-CAF	RLETON	Flowing?	1		, , , , , , , , , , , , , , , , , , ,
ate 10/27/2015 DDMMYY	Elev (masl) Well_Depth_m:	Easting 441397 UTM RC 4	Northing 5025063 margin of error : 30 m - 100 m		SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs) Street Town/City	(masl)	Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	

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							1	I
7269071	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARLE	TON	Flowing?		
Date 7/4/2016 DDMMYY	Well_Depth_m:	uTM RC 4	Northing 5025566 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Color	Soil Descript	ions
	Street 1575 CARLINS AVE. Town/City Ottawa			0.0		30101	/	/
7269072	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARLE	TON	Flowing?	,	·
Date 7/4/2016 DDMMYY	Elev (masi) Ea Well_Depth_m:	asting 441556 UTM RC 4 pandoned-Other	Northing 5025569 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found (mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Color	Sail December	·
	Street 1575 CARLING AVE. Town/City Ottawa	, ,		0.0		Color	Soil Descript	ons /
7269073	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARLE	TON	Flowing?		
Date 7/4/2016	Elev (masl) Ea	asting 441524	Northing 5025553			SWL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pumping WL Pump Rate	(mbgs) (LPM)	(masl)
	Manitoring / Tool Hole Ab	andoned-Other	•			Spec. Cap.	(LPM/m)	, Hr / Min
	Monitoring / Test Hole Abs Water Found (mbgs)	(masl)		Depth (m)	Elev (masl)		, ,	
	Street 1575 CARLING AVENUE Town/City Ottawa	, ,		0.0		Color	Soil Descript	ons
7269074	Lot Conc		NEPEAN TOWNSHIP / OT	TAWA-CARI F	TON	Flowing?	,	,
				17W7C-O/TICE	1014	SWL	(mbgs)	(masl)
Date 7/4/2016	, ,	asting 441521	Northing 5025572			Pumping WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	/
	9	andoned-Other		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs) Street 1575 CARLING AVENUE Town/City Ottawa	(masl) <u>E</u>		0.0		Color	Soil Descript	ions
							1	1
7269075	Lot Conc		OTTAWA CITY / OT	TAWA-CARLE	TON	Flowing? SWL	(mbgs)	(masl)
Date 7/4/2016	Elev (masl) Ea	asting 441535	Northing 5025554			SWL Pumping WL	(mbgs)	(masi)
DDMMYY	Well_Depth_m:	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	(LPM)	/
	Monitoring / Test Hole Abo	andoned-Other		Depth (m)	Elev (masl)	Spec. Cap.	(LPM/m)	Hr / Min
	Water Found (mbgs) Street 1575 CARLING AVENUE Town/City Ottawa	(masl)		0.0	Elev (masi)	Color	Soil Descript	ions
							1	1

Well Record #	We	II R	eco	rd	#
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Well Record #			=					
7269076	Lot Conc	NEPEAN TOWN	SHIP / OTTAWA-CARLE	TON	Flowing?			
Deta 7/4/0040	Flav. (mag) F41	444520 Novthin	E00EEE0		SWL		(mbgs)	(masl)
Date 7/4/2016	Elev (masl) Easting	441520 Northing	5025550		Pumping WL		(mbgs)	(masl)
DDMMYY	Well_Depth_m: 6.09999990463257 U	ITM RC 4 margin of error : 30	m - 100 m		Pump Rate		(LPM)	, , ,
					Spec. Cap.		(LPM/m)	Hr / Min
	Monitoring / Test Hole Monitoring	g and Test Hole	Depth (m)	Elev (masl)	эрес. Сар.		(LFIVI/III)	FII / IVIIII
	Water Found (mbgs)	(masl)	0.0	Liev (masi)	Color		Soil Description	•
	Street 1575 CARLING AVENUE	, ,	0.0		Color		Son Description	5
	Town/City Ottawa							
			0.3		BLACK	GRAVEL /		/ HARD
			1.5		BROWN	FILL /	SAND	/ GRAVEL
			6.1		GREY L	IMESTONE /		/ HARD
7269077	Lot Conc	NEPEAN TOWN:	SHIP / OTTAWA-CARLE	TON	Flowing?			
1203011	Lot Joine				SWL		(mbgs)	(masl)
Date 7/4/2016	Elev (masl) Easting	441521 Northing	5025550		Pumping WL			, ,
DDMMYY	Well_Depth_m: 6.09999990463257	ITM RC 4 margin of error: 30	m - 100 m				(mbgs)	(masl)
55 min 1 1		margin or end . 30	100 111		Pump Rate		(LPM)	1
	Monitoring / Test Hole Monitoring	g and Test Hole	5 41 ()	- 1 / E	Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)	Depth (m)	Elev (masl)				
	(0 /	(IIIasi)	0.0		Color		Soil Description	s
	Street 1575 CARLING AVENUE							
	Town/City Ottawa							
			0.0		DI A OL	0041/51 /		/
			0.3		BLACK	GRAVEL /	_	/ HARD
			1.5		BROWN	FILL /	SAND	/ GRAVEL
			6.1		GREY L	.IMESTONE /		/ HARD
7269113	Lot Conc	NEDEAN TOWN	SHIP / OTTAWA-CARLE	TON	Flowing?			
7209113	Lot Colic	NEI EAN TOWN	OIII 7 OTTAWA-CARLE	-1014	SWL		(mbgs)	(masl)
Date 7/5/2016	Elev (masl) Easting	441532 Northing	5025553					` '
DDMMYY	` ,	ITM RC 4 margin of error: 30			Pumping WL		(mbgs)	(masl)
DDIMINIT	Weil_Deptil_III. 14.1700000702737	margin of entor . 30	III - 100 III		Pump Rate		(LPM)	1
	Monitoring / Test Hole Monitoring	g and Test Hole			Spec. Cap.		(LPM/m)	Hr / Min
	· ·	(masl)	Depth (m)	Elev (masl)				
	(3 /	(Illasi)	0.0		Color		Soil Description	s
	Street 1575 CARLING AVENUE							
	Town/City Ottawa							
			0.2		BLACK	SAND /		/ HARD
			0.3					
			1.8		BROWN	SAND /	GRAVEL	/ SOFT
			14.2		GREY L	IMESTONE /		/ HARD
7269114	Lot Conc	NEPEAN TOWN:	SHIP / OTTAWA-CARLE	TON	Flowing?			
1200114	_ Lot Joile	2, 1000	5 5117.W7. 57WEE	1	SWL		(mbgs)	(masl)
Date 7/5/2016	Elev (masl) Easting	441524 Northing	5025550		Pumping WL		(mbgs)	(masl)
DDMMYY		ITM RC 4 margin of error: 30						, ,
55 mill 1					Pump Rate		(LPM)	1
	Monitoring / Test Hole Monitoring	g and Test Hole	5 41 ()	- 1 / E	Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)	Depth (m)	Elev (masl)				
	, ,	(masi)	0.0		Color		Soil Description	s
	Street 1575 CARLING AVENUE							
	Town/City Ottawa							
			2.2		DI AOK	04115 /		LUADE
			0.3		BLACK	SAND /		/ HARD
			1.5		BROWN	SAND /	GRAVEL	/ SOFT
					BROWN	SAND / IMESTONE /	GRAVEL	/ SOFT / HARD
			1.5		BROWN		GRAVEL	

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well Record #						Daseu on i	initiatily of L	iivii oiiiileiit vve	iter wen miorinat	ion Database Dec	ember 31, 2010,	available offilite.
7269115	Lot	Conc			NEPEAN TOWI	NSHIP / OT	ΓAWA-CARL	.ETON	Flo	wing?		
		00.10								SWL	(mbgs)	(masl)
Date 7/6/2016	Elev	(masl)	Easting	441550	Northing	5025563			D			' '
DDMMYY		1: 20.7999992370605	•	TM RC 4	margin of error : 3				Pumpi	•	(mbgs)	(masl)
DOMINIT	weii_Deptii_ii	1. 20./9999923/0003	UI	IWIKC 4	margin or error . 3	0 111 - 100 111			Pum	p Rate	(LPM)	/
									Spec	c. Cap.	(LPM/m)	Hr / Min
		ring / Test Hole	Monitoring	and Test Hole	е		Depth (m)	Elev (masl)			(=:)	
	Water For	und (mbgs)		(masl)			0.0	` ,	Color		Soil Description	ıs
		t 1575 CARLING AVE	ENUE				0.0		COIDI		3011 Description	15
	Townscit	Ottawa										
							0.3		BLACK	GRAVEL /		/ HARD
							1.2		BROWN	SAND /	GRAVEL	/ HARD
							20.8		GREY	LIMESTONE /		/ HARD
												/ TIARD
7269116	Lot	Conc			NEPEAN TOW	NSHIP / OT	TAWA-CARL	.ETON	Flo	wing?		
D 4 7/7/0040		, D		444500		5005550				SWL	(mbgs)	(masl)
Date 7/7/2016	Elev	(masl)	Easting	441520	Northing	5025556			Pumpi	ng WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m	i: 15.2399997711182	UT	TMRC 4	margin of error: 3	0 m - 100 m				p Rate	(LPM)	, ,
					-						. ,	•
	Monitor	ring / Test Hole	Monitorina	and Test Hole	е		Donth ()	Elov (1)	Spec	c. Cap.	(LPM/m)	Hr / Min
	Water For	•	_	(masl)			Depth (m)	Elev (masl)				
	Stree	t 1575 CARLING AVE		(masi)			0.0		Color		Soil Description	ıs
	Townson	Ottawa										
							0.3		BLACK	GRAVEL /		/ LOOSE
							1.5		BROWN	SAND /	GRAVEL	/ SOFT
							15.2		GREY	ROCK /	LIMESTONE	/ HARD
							13.2		GRET	ROCK /	LINESTONE	/ NAND
7269117	Lot	Conc			NEPEAN TOWI	NSHIP / OT	TAWA-CARL	.ETON	Flo	wing?		
										SWL	(mbgs)	(masl)
Date 7/8/2016	Elev	(masl)	Easting	441561	Northing	5025573			D			` '
DDMMYY	Woll Donth m	r: 7.61999988555908	_	TM RC 4	margin of error : 3	0 m 100 m			Pumpi	-	(mbgs)	(masl)
DDIMINIT	Wen_Deptil_ii	1. 7.01777700555700	0.	I WI I CO	margin or enor . 3	0 111 - 100 111			Pum	p Rate	(LPM)	1
	Monito	ring / Test Hole	Monitoring	and Test Hole	•				Spec	. Cap.	(LPM/m)	Hr / Min
		•	•		C		Depth (m)	Elev (masl)				
	Water For	und (mbgs)		(masl)			0.0		Color		Soil Description	ıs
	Stree	t 1575 CARLING AVE	ENUE									
	Town/City											
		,										
							0.3		BLACK	GRAVEL /		/ DENSE
							1.5		BROWN	SAND /	GRAVEL	/ GRAVEL
							7.6		GREY	LIMESTONE /		/ LAYERED
7000110					NEDEALTOIT	101 UD / 0=	-	FTON				
7269118	Lot	Conc			NEPEAN TOW	NSHIP / UT	I AWA-CARL	ETON	FIO	wing?	(mah ma)	(2221)
Date 7/6/2016	Elev	(masl)	Easting	441553	Northing	5025560				SWL	(mbgs)	(masl)
		, ,	·		•				Pumpi	ng WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m	1: 13.8599996566772	UT	TMRC 4	margin of error : 3	0 m - 100 m			Pum	p Rate	(LPM)	1
										. Cap.	(LPM/m)	Hr / Min
	Monitor	ring / Test Hole	Monitoring	and Test Hole	е		Depth (m)	Elev (masl)	Spec	Сар.	(FL.IAN/111)	I II / IVIII I
	Water For	und (mbgs)	-	(masl)				Liev (iliasi)	0-1		O-U D	
		(0)		` '			0.0		Color		Soil Description	IS
	Stree	t 1575 CARLING AVE	ENUE									
	Town/City	/ Ottawa										
							0.3		BLACK	GRAVEL /		/ HARD
											05	
							2.1		BROWN	SAND /	GRAVEL	/ SOFT
							13.9		GREY	LIMESTONE /		/ HARD
							13.9		GREY	LIMESTONE /		/ HARD

Well Record #					Based on	willistry of E	IIVII OIIIIIEIIL VV	tter wen miorina	ation Database Dec	ember 31, 2016,	avaliable offilite.
7269119	Lot Conc			OTTAWA	CITY / OT	TAWA-CARL	ETON	F	owing? SWL	(mbgs)	(masl)
Date 7/7/2016 DDMMYY	Elev (m Well_Depth_m: 14.020000457	asl) Easting 17637 UT I	441538 M RC 5	Northing margin of error : 10	5025562 00 m - 300 m			Pur	oing WL mp Rate	(mbgs) (LPM)	(masl)
	Monitoring / Test Hole Water Found	-	and Test Hole (masl)	•		Depth (m)	Elev (masl)		ес. Сар.	(LPM/m)	Hr / Min
	Street 1575 CARL Town/City OTTAWA		(masi)			0.0		Color		Soil Description	s
						0.3		BLACK	GRAVEL /	CDAVE	/ HARD
						1.5 14.0		BROWN GREY	SAND / LIMESTONE /	GRAVEL	/ SOFT / HARD
7269120	Lot Conc			NEPEAN TOWN	ISHIP / OT		.ETON		owing?		,
		cal) Fasting	444500						SWL	(mbgs)	(masl)
Date 7/8/2016 DDMMYY	Elev (m Well_Depth_m: 14.029999732	asl) Easting 19712 UTI	441538 M RC 4	Northing margin of error : 30	5025555) m - 100 m				oing WL np Rate	(mbgs) (LPM)	(masl) /
	Monitoring / Test Hole	e Monitoring a	and Test Hole	:		Depth (m)	Elev (masl)	Spe	ес. Сар.	(LPM/m)	Hr / Min
	Water Found Street 1575 CARL	(0)	(masl)			0.0	Liev (iliasi)	Color		Soil Description	s
	Town/City Ottawa										
						0.3		BLACK	GRAVEL /		/ DENSE
						2.1 14.0		BROWN	SAND /	GRAVEL	/ SOFT
7070400	Lat Cama			NEPEAN TOWN			FTON	GREY	LIMESTONE /		/ LAYERED
7270130	Lot Conc					TAWA-CARL	ETON	-	SWL	(mbgs)	(masl)
Date 12/23/2015 DDMMYY	Elev (m Well_Depth_m:	asl) Easting UT I	441159 M RC 4	Northing margin of error : 30	5025077) m - 100 m				oing WL mp Rate	(mbgs) (LPM)	(masl)
	1	Abandoned-	-Other			5 44 4 5	- 1 ()		ес. Сар.	(LPM/m)	Hr / Min
	Water Found		(masl)			Depth (m) 0.0	Elev (masl)	Color		Soil Description	s
	Street 842 BOYD / Town/City Ottawa	AVENUE				0.0		50.0.		30.1.2000.1 . 100.1	•
 10.10				0774144		0.D			1		1
7271919	Lot Conc			OTTAWA	CITY/OI	TAWA-CARL	ETON	FI	owing? SWL	(mbgs)	(masl)
Date 8/10/2016	,	asl) Easting	441388	Northing	5025142			Pump	oing WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UII	MRC 4	margin of error : 30) M - 100 M				np Rate	(LPM)	/
	/					Depth (m)	Elev (masl)	Spe	ес. Сар.	(LPM/m)	Hr / Min
	Water Found Street	(mbgs)	(masl)			0.0		Color		Soil Description	s
	Town/City										
7271920	let Cara			OTT 4\4/4	CITY / CT	TAWA-CARL	ETON	F	/ lowing?		1
	Lot Conc					I AVVA-CAKL	L I UN		SWL	(mbgs)	(masl)
Date 8/10/2016	-	asl) Easting	441400	Northing	5025186			Pump	oing WL	(mbgs)	(masl)
DDMMYY	Well_Depth_m:	UTI	MRC 4	margin of error : 30	M 00F - ni c				np Rate	(LPM)	/
	/					Depth (m)	Elev (masl)	Spe	ес. Сар.	(LPM/m)	Hr / Min
	Water Found Street	(mbgs)	(masl)			0.0		Color		Soil Description	s

Town/City

Vell Record #				Based on	Ministry of E	nvironment Wa	ter Well Information Databa	se December 31, 20	16, available online
7271921	Lot Cond			OTTAWA CITY / OT	TAWA-CARL	ETON	Flowing?		
Date 8/11/2016 DDMMYY	Elev Well_Depth_m: / Water Found Street	(masl) (mbgs)	Easting 441434 UTM RC 4 (masl)	Northing 5025110 margin of error : 30 m - 100 m	Depth (m) 0.0	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap. Color	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descrip	(masl) (masl) / Hr / Min tions
	Town/City							I	1
7271922	Lot Cond			OTTAWA CITY / OT	TAWA-CARL	ETON	Flowing?		
Date 8/11/2016 DDMMYY	Elev Well_Depth_m:	(masl)	Easting 441435 UTM RC 4	Northing 5025115 margin of error : 30 m - 100 m	Double (m)	Flore (manal)	SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
	Water Found Street Town/City	(mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Color	Soil Descrip	tions
7271923	Lot Cond			OTTAWA CITY / OT	TAWA-CARL	ETON	Flowing?	<i></i>	
Date 8/10/2016 DDMMYY	Elev Well_Depth_m:	(masl)	Easting 441438 UTM RC 4	Northing 5025120 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
	/ Water Found Street	(mbgs)	(masl)		Depth (m) 0.0	Elev (masl)	Spec. Cap.	(LPM/m) Soil Descrip	Hr / Min tions

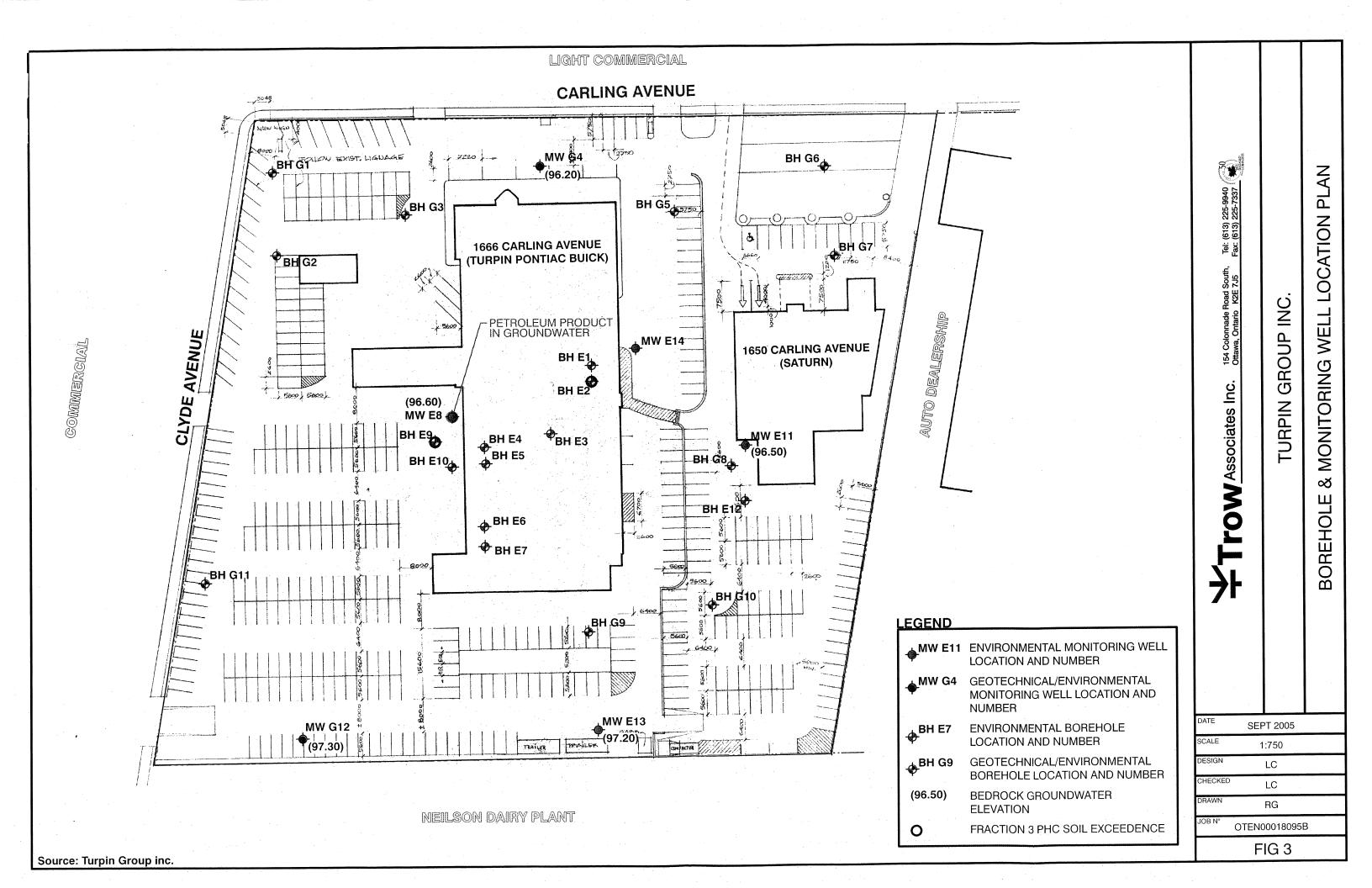
Street Town/City

EXP Services Inc.

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

Appendix B – Borehole Logs







Pro	oject	No.	OTEN00018095B	DO	ı en		71 C	-		'9 .		-					-			CO
Pro	oject:		Phase II Environmental Site	Assessm	ent								_				2		_	
Lo	cation	า:	1650 and 1666 Carling Aven	ue, Ottaw	/a, Ontar	io							_	Shee	et No.		1_ of	_1		
Dat	te Dri	lled:	August 23rd, 2005				Split Sr	000	n Sam	ple			_	Com	bustible	e Van	our Rea	adina		[
Dril	I Тур	e:				_	Auger SPT (N							Natu	ral Moi:	sture	Conten			:
Dat	um:		Assumed				Dynam	ic C	Cone T	est		0		Undr	berg Li ained 1	riaxia .			-	
Log	ged	by:	Checked by	·			Shelby Shear S	Stre	ngth t	у		+		Shea	rain at l er Stren etromete	gth b	y			
	e						Vane T			enetration	Tast N	S					our Read	lian (a.	T	<u> </u>
G V L	SYMBO.		SOIL DESCRIPTION		Geodetic Elevation	DEPT	Shear	20		40	60	80		1	250	50		750	,,,,,	SAMPLES
9		CONC	CRETE~150 mm		100.9 100.8	H	O.ica,	50	-	100	150	200	kPa	At	10	Limits 2		vveight 30) 	E S
X	\bowtie	FILL	and gravel, fine to coarse gra	ained -	100.0		3513		331		1000			ф						$\sqrt{}$
X	\bowtie	occas	ional cobbles, brown, moist.	,	99.9	1	2010													
8	\bowtie	Possil	<u>' SAND</u> ble fill, fine to medium grained //brown, moist.	d,	99.4		.5		331					Щ					/	Å
2	<i>10</i> 00 i	TILL	wbrown, moist. and, some gravel, grey, mois	/ .t					201 201					þ)	X
		only S	Auger refusal @ 2.3 m dept		98.6	_		F			1 2 2 2			D						1
OTE: Bore Trov	hole da	ata requi	ires interpretation assistance from others	Elapse	WATER		VEL RE Vater	CC		lole Ope	20	F	up I				ING RE			0.0
Bore	hole ba	ackfilled	upon completion.	Time	2	Le	vater <u>vel (m)</u> n/d			To (m) 2.3	511		lun lo.	De (n		-	% Red	-	- R	QD
See	Notes o	on Samp	ed by a Trow representative ble Descriptions read with Trow Consulting rt OTEN00018095B							,										



Project:	OTEN00018095B Phase II Environmental Site Asse	ecement							Figure	No.	3			
Location:	1650 and 1666 Carling Avenue, 0		ic				· · · ·	<u> </u>	Sheet	t No.	of	1_		
	August 23rd, 2005	onawa, Oniar	IU					_						
Drill Type:	August 23rd, 2005		-	Split Sp Auger S	oon San Sample	nple	Œ				apour Rea re Content	-		\ \
Datum:	Accumed		-	SPT (N) Value c Cone 1	Γ <u>ast</u>	0			erg Limit		ŀ	-	€
	Assumed		-	Shelby		est			% Stra	ined Tria in at Fai	ure			Ð
Logged by:	Checked by:			Shear S Vane To	itrength l est	ру	+ s		Penetr	Strength ometer	by Fest			4
S Y M B O L	SOIL DESCRIPTION	Geodetic Elevation	ΗT	Shear		enetration 40		lue 30 kPa		250	apour Read 500 sture Cont its (% Dry	750	- ₩	N
	ICRETE~150 mm	100.9 100.8	0	Į.		100 1	150 2	00		10		30	Ē	W k
FILL Sand	I and gravel, fine to coarse grained	. –		0010		2000		1031					\bigvee	
XXX √occa	sional cobbles, brown, moist. Y SAND	100.1	1		111201								\mathbb{H}	
Poss	sible fill, fine to medium grained, w/brown, moist.		ľ										\mathbb{N}	
× 1,5,10		98.9		3213					þ					
TILL Silty	sand, some gravel, grey, moist.		2	10.00110		10100	10000		200	d d			\bigvee	
Siny	Auger refusal @ 2.5 m depth	98.4	+										-	_
Trow before use b	d upon completion.	WATER Elapsed Time ompletion	٧	VEL RE Water vel (m) n/d		Side Ope To (m) 2.5	in	Run No.	CO Dep (m	th	LLING RR % Rec		RQD) 9

Borehole Log <u>E3</u>



Projec	t No.	OTEN00018095B	DU	. •				9		•	Cique	e No.	4		FC
Projec	t:	Phase II Environmental Site	e Assessme	ent											
Locati	on:	1650 and 1666 Carling Ave	nue, Ottawa	a, Ontari	0						Snee	t No.	_1_ of		
Date D	rilled:	August 23rd, 2005				Split Sp	oon Sam	nple		\boxtimes	Comb	ustible V	apour Rea	iding	
Drill Ty	/pe:					Auger S				II)		al Moistu erg Limi	re Content		ļ
Datum	:	Assumed				Dynami	c Cone 1	Γest			Undra	ined Tria ain at Fa	ixial at	•	
Logge	d by:	Checked by	y:	_			trength t	ру		+ s	Shear	Strengti rometer	n by		
l s					1	Vane Te		enetration		_			apour Read	ing (nnm)	TST.
GW L BOL		SOIL DESCRIPTION		Geodetic Elevation	Ошо⊢			40	60	80 kPa	i	250		750	A PL
L P 6 3		CRETE~180 mm		m 100.8 100.6	H 0		-	100	150	200	<u> </u>	10	20	30	E S
	-FILL Sand	and gravel, fine to coarse gr	ained,			0000			: 35i		ф		11 611 61	0.013	\mathbb{N}
	occas	ional cobbles, brown, moist. / SAND		100.0	1	2 2 1 1 2								10000	\square
	Possi ⊃yellov	ble fill, fine to medium graine //brown, moist.	ed,	99.4		33113					Ψ				\mathbb{N}
	TILL	and, some gravel, grey, moi	st.			2013 2013					ф			9919	X
		Auger refusal @ 2.3 m dep	[,	98.5							ф				X
		<u> </u>													
			,												
			į												
			1												
				,											
				ļ											Ì
OTES: Borehole	data renii	ires interpretation assistance from		WATER	LF\	/EL RF	CORDS	3]			BE UBI	LLING RE	COBD	
Trow befo	ore use by	others	Elapsed	t	V	/ater		Hole Ope		Run	Dep	th	% Rec		RQD
borehole	packfilled	upon completion.	Time Completi			rel (m) n/d	+	To (m) 2.3		No.	(m	1			
Field wor	k supervis	ed by a Trow representative													
		ole Descriptions													
This Drav	ving to be	read with Trow Consulting ort OTEN00018095B													



Projec	t No. OTEN00018095B	D	nen	U	16	L	y	<u> </u>	•			-	Ŧ !	r	U
Projec		te Assessm	ient								_	5			
Locatio				io						Sheet	No.	of	_1_		
Date D	rilled: August 23rd, 2005	.,,,,,,			Solit Sc	oon San	nnle		—— ⊠	Comb					
Drill Ty				,	Auger S	Sample	ibic		•	Natura	Moistur	apour Rea e Conten			
Datum:	Assumed	· ·			SPT (N Dynami) Value c Cone 1	Γest		<u> </u>	Undrai	rg Limits ned Tria:	xial at	İ	— —	_
Logged	by: Checked b)γ:			Shelby Shear S	Tube Strength	bv		■ +		n at Fail Strength				
					√ane Te		-,		+ s	Penetro	ometer T	est			
SYMBOL G&L	SOIL DESCRIPTION		Geodetic Elevation	DWPTH	Shear	20 Strength	40	60	80 kPa	Na Atter	250 tural Moi berg Limi	pour Read 500 sture Cont its (% Dry	750	- A	
	CONCRETE~130 mm		100.8	°		50	100	150	200		10	20	30	S	_
	Sand and gravel, fine to coarse goccasional cobbles, brown, moist	rained,	100.0				10111								
	- SILTY SAND Possible fill, fine to medium grain	ed,	99.4	1						4				\mathbb{N}	
	Ayellow/brown, moist. TILL Silty sand, some gravel, grave me									ф			0.0010	\bigvee	
66/20	Silty sand, some gravel, grey, mo Auger refusal @ 2.1 m de		98.7	2	<u> </u>	11111	1 1 1 1		1 1 1 1	ф	11 11 11	1	1 2 4 1 1 2		
OTES:															
Borehole d	ata requires interpretation assistance from e use by others	Elapse	WATER (EL REG		ole Ope	n	Run	COR Depth		LING RE % Rec.		RQD	_
Borehole b	ackfilled upon completion.	Time			el (m)		To (m) 2.1		No.	(m)	-	. v v v v v v v v v v v v v v v v v v v	-		<i>'</i>
See Notes	supervised by a Trow representative on Sample Descriptions					7									
rnis Drawir Engineers l	ng to be read with Trow Consulting td. report OTEN00018095B														_



Projec	ot No. OTEN00018095B	DOIG	<i>-</i> 1 1	U	'IC	L	U	9.	<u>_`</u>	_						Ť	-	r
Projec		Assessment	sessment								Figu	Figure No.			6		-	
Locati			110					_	Sheet No			1_	of _	1_	-			
Date E	Orilled: August 23rd, 2005				Split Sp	oon :	Sam	ple		—————————————————————————————————————		Cor	nhus	stible Va	apour ^I	Readir	na	
Drill Ty	/pe:				Auger S	Sampl	le	, , ,				Nat	ural	Moistur	e Cont		ig .	_
Datum	: Assumed				Dynami	ic Cor	ne Te	est		0		Unc	frain	g Limits ed Triax	kial at			
Logge	d by: Checked by	/:			Shelby Shear S	Streng		у		+ s		She	ar S	i at Fail trength meter T	by			
s					Vane T		d Pe	netration	Test N					tible Va			(ा हुन
Ø≱_ Ø≱_ Ø	SOIL DESCRIPTION		eodetic evation	DHO-H	1	20	4		60	80			25	50 ural Mois erg Limi	500	750)	SAMP LES
L P	CONCRETE ~150 mm	100		0	l	50		00	150	20		7	1		20	30 :.	ignt)	S
	FILL Sand and gravel, fine to coarse gra				13 5 13		31: 31:	3100			1120							M
	occasional cobbles, brown, moist.	_		1		1:1:2		4-1-1-1 - 4-1-1-1			1000							\mathbb{A}
	- <u>TILL</u>	99.4	4		3013							Щ						M
	Silty sand, some gravel, grey, mois			2	2011							ф.		13 13 (11)				M
(AZXA	Auger refusal @ 2.2 m dept	98.6 th)			1						<u>Ш. :</u> : : :			1	T		A
			İ															
		ļ																
			ŀ															
OTES: Borehole o	data requires interpretation assistance from	WA	TER L	_EV	EL RE	COR	 DS					C	ORF	DRILL	_ING F	RECO	ORD	
Trow before	re use by others packfilled upon completion.	Elapsed Time	Γ	W	ater el (m)		Но	ole Ope To (m)	n		un lo.	De	pth n)		% R			RQD
5510 [Sport completion.	Completion			o/d			2.2					11)				-	
	supervised by a Trow representative																	
	on Sample Descriptions																	
Engineers	ng to be read with Trow Consulting Ltd. report OTEN00018095B	L				丄					丄							

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Project	No. <u>OTEN00</u> 018095B	DOLE	•	<i>-</i> 10		9		_					r ı	r
Project	: Phase II Environmental Site	Assessment										7		
Locatio							neet No	0	1 of	_1_				
Date Dr	n: 1650 and 1666 Carling Avenurilled: August 23rd, 2005			Split Sc	oon San	nple		—— ⊠	C	ombuetil	ole Va	oour Rea	dina	
Drill Typ	pe:			Auger S SPT (N	Sample			OII)	N	atural M	oisture	Content	-	_
Datum:	Assumed			Dynami	c Cone 1	Γest		<u> </u>	Ur	tterberg ndrained	Triaxi		ł	
Logged	by: Checked by:				trength t	ру		+	St	Strain a near Stre	ength b	у		
				Vane Te				S		enetrome				
SYMBOL	SOIL DESCRIPTION	Geodel Elevatio	15	Shear	20 Strength	enetration 40 100	60 150	80 ki		250 Natura Atterberg	5 al Moist g Limits	ure Conte (% Dry V	50	SAMP LES
	CONCRETE~150 mm FILL	100.8	0	2000		100	130	200		10		20 3	30	S
	Sand and gravel, fine to coarse grain occasional cobbles, brown, moist.	ned, 100.0		10 00 00 00 10 00 00 00 10 00 00 00							200		3313	
KXXXI	SILTY SAND Possible fill, fine to medium grained yellow/brown, moist.	99.4	1	2010					ф					\mathbb{N}
<i>68</i>	TILL Silty sand, some gravel, grey, moist		2						ф				0010	\mathbb{M}
		98.2	-						$\overline{\Phi}$					M
	Auger refusal @ 2.6 m depth	30.2												++
OTES: Borehole da Trow before	ita requires interpretation assistance from use by others			VEL REC							RILLI	NG REC	CORD	
	ckfilled upon completion.	Elapsed Time Completion	Lev	Vater vel (m)		ole Ope To (m)	n	Run No.		epth (m)		% Rec.	F	RQD
See Notes o	upervised by a Trow representative In Sample Descriptions In the second of the second	Ompletiol1		n/d		2.6								

Р	rojec	t No.	OTEN00018095B	Ы	ren	U	716	L	. ور		-				_	Ť I	r		
	rojec	e Assessm	essment							F	igure	No.	8	8					
Lo	ocatio	on:	1650 and 1666 Carling Ave			o o						S	Sheet	No	of	_1_			
Da	ate D	rilled:	August 23rd, 2005				Split Sp	oon Sar	nole		—— ⊠		Combi	setible \/	apour Rea	adin ~			
Dr	ill Ty	pe:				-	Auger S	Sample			000		Natura	l Moistur	re Content		×		
Da	atum:		Assumed			-	SPT (N) Dynami		Test		<u> </u>		Undrair	erg Limits ned Tria:	xial at		ł		
Lo	gged	by:	Checked b	y:			Shelby Shear S	trength I	by		■ + s	;	Shear S	in at Fail Strength	by				
	s				т	_	Vane Te		enetration		-			ometer T			.101		
G≶∟	SYM BOL		SOIL DESCRIPTION		Geodetic Elevation m 100.8	HHOMO	Shear	20 Strength	40	60	80	Pa	2	250	sture Conte its (% Dry \	750	SAMPLES		
		FILL	CRETE~180 mm		100.6	0	0.010				-200 			Till in	20	30	H		
		√occas	and gravel, fine to coarse gr ional cobbles, brown, moist.	ained,	100.0								0.011.0						
		Possil	<u>' SAND</u> ple fill, fine to medium graine //brown, moist.	 ed, ∈	99.4	1	3					ф					M		
		TILL										ф	2000			0.010	M		
		only S	and, some gravel, grey, moi Auger refusal @ 2.3 m dep		98.5	2		-1-2-0-1		11 0 1		ф	3-4-3-6 3-4-3-6		10000		X		
OTE	S:																		
Bore Trov	Borehole data requires interpretation assistance from Trow before use by others		Elapsed		W	/ater		lole Oper	n	Run	Τ	COR		LING RE		RQD			
Field See	f work : Notes	supervise on Sampl	d by a Trow representative e Descriptions ead with Trow Consulting	Time Completi			<u>/el (m)</u> n/d		To (m) 2.3		No.		(m)						



Projec		Assessment									Figure No.		9 1 of 1		1	-		
Locati	on: 1650 and 1666 Carling Avenue	, Ottawa, Ontar	io								Snee	t IVO.		_ 0†				
Date E	Orilled: August 24th, 2005		_	Split S			ple		\boxtimes		Comb	oustible	Vapou	r Read	ding			
Drill Ty	/pe:		_	Auger - SPT (N								al Mois erg Lin		ntent				
Datum	: Assumed		_	Dynam	ic Co	one T	est				Undra	ined Train at F	riaxial a	it				
Logge	d by: Checked by:	·		Shelby Shear : Vane T	Stren		у		+ S		Shear	Streng romete	th by					
SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m 100.8	DEPH	Shear	20	ngth		Test N V 60	/alue 80 200	kPa		250 latural Nerberg L	500 loisture	Conte Dry W	ng (ppm) 50 nt % /eight)	SAMPLES		
	FILL Sand and gravel, fine to coarse graine occasional cobbles, brown, moist.	ed,	0		Ĭ				200		X		20	3		5		
	SILTY SAND Possible fill, fine to medium grained,	100.0	1	0								×				<u> </u>		
	_yellow/brown, moist, (compact).	99.1													0010			
	Silty sand, some gravel, grey, moist, (dense to very dense).	-	2			0	2000					*			0.010			
		97.7	3			<u> </u>	or 100 n	nmi			×		d		5010	M		
	<u>LIMESTONE BEDROC</u> K Grey, excellent quality.	97.7	3													П		
	_	96.6	4	12.21.13											2212			
日	_	-														\prod		
	-		5	3013											2012			
	_		6	10 20 10 10 10 10 10 10 10 10 10 10 10 10 10														
	Borehole terminated @ 6.2 m dept	94.6 h		-	1.1.	1.1	<u> </u>	10010	1	- 1	1 1 1 1	1000		111				
OTES: Borehole	data requires interpretation assistance from	WATER	LEV	VEL RE	:co	RDS					CO	RE DF	211 1 1510	2 REC	CORD			
Frow befo	er installed upon completion.	Elapsed	V	Vater Vel (m)			Hole Open		Run		Dep	th		Rec.		RQE		
		Completion 6 Days		n/d 4.2			<u>To (m)</u> 3.1		<u>No</u> 1 2		3.1 - 4.6 -	4.6		100		93		
See Note:	s on Sample Descriptions ving to be read with Trow Consulting Ltd. report OTEN00018095B																	

WAT	ER LEVEL RECC	RDS
Elapsed Time	Water	Hole Open
	Level (m)	To (m)
Completion	n/d	3.1
6 Days	4.2	
L		

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



Projec	rt No	OTEN00018095B	DOLE	OIC	LU	'y !	<u> </u>					Ŧ!	rc
Projec		Phase II Environmental Site A	Assessment						Figure	No.	10)	
Locati		1650 and 1666 Carling Avenu		io					Sheet	No.	of	_1_	
		August 24th, 2005	o, onava, onali										
Drill Ty				Split Spoon Sample Auger Sample							apour Rea re Conten		
Datum		Assumed	SPT (N) Value O Dynamic Cone Test				o -		erg Limit ned Tria			ļ	
Logge		Checked by:			y Tube		_	1	% Stra	in at Fai Strength	lure		(
33-	a 2).	Orlocked by		Vane	Strength b Test	Эy		+ s		ometer 1			
SYMBOL G&L		SOIL DESCRIPTION	Geodetic	DEEP	Standard Pe				1 :	250	pour Read 500	750	1) S N
r Or		SOIL DESCRIPTION	Elevation m 100.7	H Shea	r Strength		60 150	80 kPa 200		atural Moi berg Lim 10	isture Cont lits (% Dry	ent % Weight)	S AMPLEON
	FILL Sand	and gravel, fine to coarse grain		0					П¥	Ĭ			
	occas	sional cobbles, brown, moist. Y SAND	99.9	200									
	Possi	ble fill, fine to medium grained, v/brown, moist, (loose).	5	1 0					фх				M
	TILL	sand, some gravel, grey, moist,	99.2	0						,			\mathbf{H}
	_(comp	pact).	-	2					Ψ *				$-\Delta$
			-	ō	6 1 1 1 1 1 1 1 1 1				 ×				-M
		Auger refusal @ 3.1 m depth	97.6	3		Bouncin	9		3010				
		, ago, roideal @ 5.1 m depth											
			ļ										
			747										
OTES:	data ===	iros internetalis	\A/ATED	I EVEL D	ECOPDO			L		NE 55:	1000 = -		
Trow befo	ore use by	1 1	Elapsed	Water		lole Oper	n	Run	COF		LING RE		RQD
Borehole (backfilled	upon completion.	Time Completion	Level (m) n/d		To (m) 3.1	-	No.	(m)				
Field work	supervis	ed by a Trow representative											
		ple Descriptions											
		read with Trow Consulting					1 1	1				- 1	



Project	No. OTEN00018095B	DOI	CIIC	<i>.</i>		_0;	9 =	- 1\	_			-		Г	J		
Project		te Assessme	ent									11	_				
Locatio	n: 1650 and 1666 Carling Ave	enue, Ottaw	a, Ontari	io			-			Shee	t No.	o. <u>1</u> of <u>1</u>					
Date Dr	illed: August 24th, 2005				Split Sc	oon Sam	ple	Į.	 ⊠	Comh	ustible v	/apour Rea	dina				
Drill Typ	De:				Auger S	ample	•			Natura	al Moistu	re Content	-	; ;			
Datum:	Assumed				Dynami	Cone T	est		- -	Undra	erg Limi	axial at	i	t			
Logged	Sincer directigation					Shear	ain at Fa Strengthrometer	n by									
				_	Vane T		enetration *		-								
SYMBOL GWL	SOIL DESCRIPTION		Geodetic Elevation m 100.7	DHT-I o	Shear	20 Strength	40 €	60	80 kPa 200		250	apour Read 500 7 sisture Conte nits (% Dry V	750	A M P L	١		
	ASPHALTIC CONCRETE 50 mm		100.7							пх			0.01		-		
	Sand and gravel, fine to coarse g occasional cobbles, brown, moist	rained,	99.9		13 (11 12			331					3 (1)				
	Possible fill, fine to medium grain	ed,	99.2	1	О		01111			ф	×			\mathbb{V}			
	yellow/brown, moist, (loose). TILL Silty sand, some gravel, grey, mo	nist (vary			3013		Bouncin	g			×			\bigvee			
片	dense). Auger refusal @ 2.1 m de		98.6	2						T				1	_		
OTES: Borehole da Trow before	ata requires interpretation assistance from e use by others		WATER									LLING RE			_		
	ackfilled upon completion.	Elapse Time Completi		Lev	/ater <u>/el (m)</u> n/d	#	lole Oper To (m) 2.1	<u> </u>	Run No.	Dep (m)		% Rec.		RQD)		
See Notes	supervised by a Trow representative on Sample Descriptions og to be read with Trow Consulting Lld. report OTEN00018095B				· •		1										



Project No.	OTEN00018095B	Dord							*********			Figu	ıre N	No.		12		# 1	_
Project:	Phase II Environmental Site A	Assessment										-		No.	1				
Location:	1650 and 1666 Carling Avenu	ue, Ottawa, (Ontari	0							_					. •	<u>-</u>		
	August 24th, 2005			-	Split Sp			ole		\boxtimes				tible V			ing		
Drill Type:	1			-	Auger S SPT (N									Moistu g Limit		ntent		 	-
Datum:	Assumed			-	Dynami Shelby		Те	est				Und	draine	- ed Tria at Fai	ixial a	t			Ð
Logged by:	Checked by:				Shear S Vane Te	trength	n by	,		+ s		She	ar St	trength neter	by				4
S Y M BO L	SOIL DESCRIPTION		Seodelic levation m	DEPT H		andard 20 Strengt	4 th		Test N 60	Valu 80 20) kPa		25	iral Mo erg Lim	500 isture nils (%	75	nt % eight)	SAMPLES	
XX ASP ROA	HALTIC CONCRETE 50 mm DWAY GRANULARS 230 mm	/199	.9	0	3313	Ī				20		ф×			20	3	∪ 	j	
FILL	I and gravel, fine to coarse grai				12 (1112			10 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						13 (2) (1)	1 - 1		**************************************		
XX occa	sional cobbles, brown, moist pact).			1		b			12 22 2		111111	ф×		-1-1-1-			10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	X	1
TILL		98	.4								1001			111111			10 2011		<u> </u>
	sand, some gravel, grey, moist pact).	t, _		2	0			0100			1101	Ψ	13	×				\bot	\
		_			0				13.33					×					1
		_	00 =	3										r.N. 1. 11311				\triangle	
LIME	STONE BEDROCK	96.	96.7 .5						Q.			þ	×					X	
	excellent quality.							5 1 3 5 5 1 3 5									2010 2010	П	ĺ
					2010			0100	1007	H								$\ \ $	
								0-1-1-0											
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		-		6										1000			3111	$\ $	
		93.	2		3213			3133				- 3- E-				33]]	
B	orehole terminated @ 6.7 m de	2 μπ1		7.74477															
OTES: Borehole data req	uires interpretation assistance from	w	/ATER	LE'	VEL RE	COR	os			Γ		C	ORE	E DRI	LLIN	G RE	CORD		
Trow before use b	y others ed upon completion.	Elapsed Time			Vater vel (m)			ole Ope To (m)	n		Run No.	D	epth m)			Rec.			י סג
	. ,	Completion 6 Days			n/d 3.2			3.6			1 2	3.6	- 4.	- 1		99 92			99 92
•	sed by a Trow representative				J						3		- 6.	1		100			92
See Notes on San	nple Descriptions e read with Trow Consulting ort OTEN00018095B										-								

3. Field work supervised by a Trow representative	
4. See Notes on Sample Descriptions	

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								



Projec	t No. OTEN00018095B	20161	10	IC L	-0	ا ا	. 1 4	=				- 1	ΓU	1
Projec		ssessment							Figur	re No.	13			
Location			tario						Sheet N		_1_ of	_1_		
	rilled: August 24th, 2005	· ·		Split Spc	on Sami	ole	D	 ⊲	Com	hustible	Vapour Rea	dina		
Drill Ty				Auger Sample SPT (N) Value				0	Natu	ıral Moist	ture Content	•	>	
Datum:	Assumed	Assumed Dynamic Cone Test						-	Undi	rberg Lim	iaxial at	F	——(÷
Logged	l by: Checked by:_			Shelby T Shear St	rength by	y	-	-	Shea	train at F ar Streng etromete	th by		4	•
1		Τ		Vane Te		netration	Tool NIV						101-	_
G M B O L	SOIL DESCRIPTION	Geod Eleva	ition E	Shear S	0 4 trength	10	60	80 kP		250 Natural M tterberg L	foisture Conte imits (% Dry V	50 Int % Veight)	TATIN	
	ASPHALTIC CONCRETE 40 mm ROADWAY GRANULARS 90 mm	99.8 99.8 99.7	(50	200		10 ×		30 	S	-
	FILL Sand and gravel, fine to coarse grain	ed.				202	12 11 11					2012		
	occasional cobbles, brown, moist, (lo	ose).	1	0					ф	×			M	
	TILL Silty sand, some gravel, grey, moist,	98.3		0.010	O					¥		0.000	\square	
	(compact to very dense).	-	2	12: 6: 6: 2: 2:								0010	H	
		-		-2 (-1-2)		0	-3-3-1-1		Ф	×			\bigvee	
	-	_	3			Bouncin O	9	1 1 1 1 1					\forall	
2322	Auger refusal @ 3.5 m depth	96.3											1	
OTES: Borehole	data requires interpretation assistance from ore use by others			EVEL RE					·		RILLING RE			~
	backfilled upon completion.	Elapsed Time Completion		Water evel (m) n/d	H	ole Ope To (m) 3.5	n	Run No.		epth m)	% Rec		RQD ^o	
See Note	s supervised by a Trow representative s on Sample Descriptions ving to be read with Trow Consulting Ltd. report OTEN00018095B		111111111111111111111111111111111111111											

Borehole Log <u>E13</u>



Project:	OTEN00018095B	mont									Figure	No.	14	<u> </u>	_	
Project:	Phase II Environmental Site Assessi		:-								Sheet	No	of	_1	_	
Location:	1650 and 1666 Carling Avenue, Otta	iwa, Ontar	10													
	August 23th, 2005		_	Split Spe Auger S			е		X I	Combustible Vapour Reading Natural Moisture Content						
Drill Type:			_	SPT (N)	Value		.,		0		Atterbe	rg Limits	5	-	—	
Datum:	Assumed			Dynamic Shelby		1 65	st				% Strai	ned Tria: n at Fail	ure			
Logged by:	Checked by:			Shear S Vane Te		by		-	 - S			Strength ometer T				
s y		Geodetic	P	1	ındard	Pene	etration ⁻	Test N V	'alue				pour Read	ling (pp 750	m) §	S I
G SY M B O L	SOIL DESCRIPTION	Elevation	HABE	Shear	20 Strengt			60		кРа	Na Atter	tural Moi berg Lim	sture Cont its (% Dry	ent % Weight)	Ë	SA I
ASPI	HALTIC CONCRETE 40 mm	100.7	0		50	10	0 1	50	200			10	20	30		<u></u>
Sand	and gravel, fine to coarse grained, sional cobbles, brown, moist.	99.9		33113			3133			<u> </u>] ×	1133				
XXX-SILT	Y SAND ible fill, fine to medium grained,	7	1	O:				11, 11, 2		:::: ::::()	4			-	1
yellov	w/brown, moist, (loose).	-		2010						21					 	7
X		98.6	2	0			4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			: ; (t	P	×				
	sand, some gravel, grey, moist, (very					В	ouncin	g		20	3433	×				
dense	e).		3	3 2 2 2 3			0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				500				<u> </u>	4
		97.2		34.13							0.00					
LIME Grey,	STONE BEDROCK fair to good quality.	96.9									300					Ĭ
			4		11.20		0.1.2.0	331	· · · · · · · · · · · · · · · · · · ·		3013					
		7													-	
Grey,			5	10 (11)				1301		3.0			4 (112)	1000		
		-		12 21 1 2										0.001	-0-4 -1	1
	orehole terminated @ 5.9 m depth	94.8								11				1		1
																Ì
OTES: Borehole data req	uires interpretation assistance from	WATER	R LE	VEL RE	COR	DS					COF	RE DRII	LLING R	ECOR	D	
Trow before use b	' ⊏ia	psed me		Water vel (m)			ole Ope To (m)	en	Rur No.		Dept (m)		% Re	c.	R	QD
	Com	pletion Days		n/d 3.8			2.8									
	sed by a Trow representative															
See Notes on San	aple Descriptions e read with Trow Consulting ort OTEN00018095B															



Project No.	OTEN00018095B			•			9 =		-							• •	•
Project:	Phase II Environmental Site As	ssessment									Figure No.		****			-	
Location:	1650 and 1666 Carling Avenue	e, Ottawa, O	ntari	0							Sheet	: No.			_1	-	
Date Drilled:	August 23th, 2005			_	Split Sp	oon Sar	nple		\boxtimes		Comb	ustible	Vapo	our Rea	ding		
Drill Type:					-	Sample) Value			1 0			al Moist erg Lim	sture Content				-
Datum:	Assumed			Dynamic Cone Test ———				_		Undra	ined Tr	riaxial at			ī	Ð	
Logged by:	Checked by:_			5		Strength	by	i	+		Shear	ain at F Streng romete	jth by	y			4
				١	/ane T				s								-
GW BO	SOIL DESCRIPTION	1	odetic vation	DWPTH		20	enetration 40	60	80	_	N	250 atural M	50 ⁄loistu	re Conte	750 ent %		S N M P L
- 0	INITIO CONODETE IO	100.		H	Shear	Strength		150	200	kPa	Atte	rberg L	imits 20	(% Dry \ 0	Neight)	L	LES
₩ ROA	HALTIC CONCRETE 40 mm DWAY GRANULARS 300 mm	100.									j						
FILL Sand	and gravel, fine to coarse grain	ed,													13 (1)		
comp	sional cobbles, brown, moist, (lo eact).	ose to		1	0					()						\langle
					Ö												7
				2										111000 111000	1 2 4 1	-{	
		07.7		-	0					E	D: ::::					\rangle	\langle
TILL	sand, some gravel, fine to mediu	97.7		3			Bounci	ng			3 (-) ((1100) (1100)			
graine graine	ed, grey, moist, (very dense). STONE BEDROCK	97.0				11.5	0								1231	- X	
	excellent quality.	_		4	3813		3133	333) . (.)) . (.)	3.0	3(1)			::::::::::::::::::::::::::::::::::::::	333		
		4	96.2												12.00		
				5											331		1
							3133			20					12.511		l
				6	3 (-1-)			1321						1111111	10 (0.1)		ł
	probale terminated @ 6.0 m der	93.8		:	3 (-11-2												L
	orehole terminated @ 6.8 m dep) III															
OTES:					/F=1 = :	-00				لـــــــــــــــــــــــــــــــــــــ							
Borehole data requ Trow before use b	uires interpretation assistance from y others	Elapsed	ATER	W	/ater	CORD	Hole Op		Ru		Dep	oth		ING RE			RQD
. Piezometer installe	ed upon completion.	Time Completion	+		<u>rel (m)</u> n/d		To (m) 3.6		No 1	-	(m 3.6 -	4.8	+	96	\dashv		92
. Field work supervi	sed by a Trow representative	7 Days			4.4			•	3	Ì	4.8 - 6.2 -			100 98			100 98
.See Notes on Sam																	-
.This Drawing to be Engineers Ltd. rep	e read with Trow Consulting ort OTEN00018095B																

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

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								
L											



Project	t No. OTEN00018095B Thase II Environmental Site As	sessmeni	ŧ							Figure	No.	16	<u>; </u>		
Locatio				io						Sheet	No.	of	_1_		
Date D	rilled: August 24th, 2005	, ottawa,	Oman	_	Split Sp	oon Sam	ıple	[2				/apour Rea	-		□ X
Orill Ty		·		-	SPT (N	Value		(Atterb	erg Limil	ts	F		- ô
Datum:					Dynami Shelby	c Cone T Tube	est		- 1	% Stra	ned Tria in at Fai	ilure			0
ogged	by: Checked by:		-		Shear S Vane Te	trength t est	ру	-	F 3		Strength ometer				•
SYMBOL	SOIL DESCRIPTION	E	Geodetic Elevation	DEPTH	Shear	20 Strength		60	80 kPa		250 atural Mo rberg Lin	oisture Conte nits (% Dry \	750 ent % Weight)	SAMPLING	Na U W
	ASPHALTIC CONCRETE 50 mm ROADWAY GRANULARS 280 mm	/]10	00.8 00.8 00.5	0	0000	50	100	150	200	ms/	10	20	30	5	
	TILL Silty sand, some gravel, grey, moist,						2131			ШΧ			3313	1	
	-(compact to dense).			1	0		10000			ф	×	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	10.000	\mathbb{M}	
	-	-			2413								10.00110	\mathbb{H}	
	-	-	3.5	2			Bouncir) O		Ψ >		146166		\mathbb{A}	
	Auger refusal @ 2.3 m depth		·				1 0			X				П	
OTES: Borehole	data requires interpretation assistance from	\	NATER	LE	VEL RE	CORD	S	<u>'</u>		CO	RE DR	ILLING RE	ECORD		_
Trow befo	ore use by others er installed upon completion.	Elapsed Time		٧	Vater vel (m)		Hole Ope To (m)		Run No.	Dep (m	th	% Rec		RQ	ĭD ′
1 1620(118)	or matanea aport completion.	Completion 6 Days	n		n/d Dry		2.3		, 10.		-				
	supervised by a Trow representative	o Days			y										
See Notes	s on Sample Descriptions														

WAT	ER LEVEL RECC	RDS
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.3
6 Days	Dry	

	CORE DE	VILLING RECOR	ND
Run No.	Depth (m)	% Rec.	RQD %



Iled: August 24th, 2005 e: Assumed by: Checked by: SOIL DESCRIPTION FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Plossible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (dense). Auger refusal @ 2.3 m depth	Geodet Elevatio m 100.8	ic D	Shear S	ample Value Cone Ti ube rength b st	est - 27 27 27 27 20]	Combu Natural Atterbe Undrair % Strai Shear \$ Penetro Combu 2 Naterbee	ustible Val I Moisture erg Limits ned Triax in at Failu Strength t ometer Te	cial at ure by est cour Readir 500 75	fing (ppm) 50	S A A A
Assumed by: Checked by: SOIL DESCRIPTION FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (dense).	Geodet Elevation m 100.8	- 1	Auger Si SPT (N) Dynamic Shelby T Shear Si Vane Te	ample Value Cone To Tube Irength b st Indard Pe Strength	est	TO O	lue 30 kPa	Natural Atterbe Undrair % Straic Shear S Penetro Combu 2 Natert	I Moisture erg Limits ned Triax. in at Failu Strength tometer Te	e Content cial at ure by est coour Readin	 - ng (ppm) 50	•
Assumed by: Checked by: SOIL DESCRIPTION FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, dense).	Geodet Elevation m 100.8	- 1	SPT (N) Dynamic Shelby T Shear St Vane Te	Value Cone To ube Irength b st Indard Pe Co Co Co Co Co Co Co Co Co Co Co Co Co	enetration Te 40 60	St N Vai	lue 80 kPa	Atterbe Undrair % Strair Shear S Penetro Combu	erg Limits ned Triax in at Failu Strength tometer Te	ial at Ure by est Dour Readin	50	
SOIL DESCRIPTION FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, dense).	Geodet Elevation m 100.8	- 1	Shelby T Shear St Vane Te	rube irength b st ndard Pe co Strength	enetration Te 40 60	st N Vai	lue 80 kPa	% Strain Shear S Penetro Combu 2 Nat Attent	in at Failu Strength tometer Te ustible Vap	ure by est pour Readir 500 75	50	
SOIL DESCRIPTION FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (dense).	Geodet Elevation m 100.8	- 1	Vane Te	ndard Pe	enetration Te 40 60	st N Vai	lue 80 kPa	Combu 2 Nai Attert	ometer Te	est pour Readir 500 7	50	SAM
FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, dense).	Elevation m 100.8 med,100.1	- 1	Shear S	0 4 Strength	40 60 100 150) 2	30 kPa	Na Attert	250 5	500 7	50	S A M
Sand and gravel, fine to coarse grain occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (dense).	ned,100.1	1						1 .			/eight) IO	SAET-TIES
SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, dense).		1	15 34 1 5					×				Ĭ
yellow/brown, moist, (compact). FILL Silty sand, some gravel, grey, moist, dense).	99.3		0								3313	
Silty sand, some gravel, grey, moist, dense).		- 1						131113	X	10136	3013	M
<u> </u>		2	12 21 11 2	11.2 (Bouncing			×				M
	98.5	-	1.7.4.1.5.		Bouncing			×			00000	Ħ.
	,,,,,] <u>[</u>										
a requires interpretation assistance from use by others	Elapsed	ν	Water	Н	ole Open			Depth		LING REG		RQD
ckfilled upon completion.	Time Completion		evel (m) n/đ		To (m) 2.3		No.	(m)				
n Sample Descriptions												
1	use by others ckfilled upon completion. upervised by a Trow representative	use by others Elapsed Time Completion upervised by a Trow representative a Sample Descriptions	use by others Elapsed Time Le Completion upervised by a Trow representative a Sample Descriptions	use by others Elapsed Water Time Level (m) Completion n/d upervised by a Trow representative a Sample Descriptions	use by others Elapsed Water H Time Level (m) Completion n/d upervised by a Trow representative a Sample Descriptions	use by others Elapsed Water Hole Open Time Level (m) To (m) Completion n/d 2.3 upervised by a Trow representative in Sample Descriptions	Elapsed Water Hole Open Time Level (m) To (m) Completion n/d 2.3	use by others Elapsed Water Hole Open Time Level (m) To (m) No. Completion n/d 2.3 Intervised by a Trow representative in Sample Descriptions	use by others Elapsed Water Hole Open Run Deptr Time Level (m) To (m) No. (m)	Elapsed Water Hole Open Run Depth No. (m)	use by others Elapsed Water Hole Open Time Level (m) To (m) Completion n/d 2.3 Run Depth % Rec. (m) No. (m)	use by others Elapsed Water Hole Open Time Level (m) To (m) No. (m)



Projec		OTEN00018095B				_		J -			Figure	No.	18	 3		•
Projec		Phase II Environmental Site Asses									-		of			
Location		1650 and 1666 Carling Avenue, Ot	tawa, Onta	ırio												
		August 24th, 2005					oon Sam ample	ple		⊠ •••			/apour Re ure Conter	-		2
Drill Ty			· · · · · · · · · · · · · · · · · · ·		SP	T (N)	Value			L I	Atterbe			ι	<u>—</u>	_(
Datum		Assumed		_		namio elby 7	Cone T Tube	est		-	Undrair % Strai		axial at iilure			6
Logged	d by:	Checked by:				ear Si ne Te	trength b st	у	-	 	Shear S Penetro					4
G M B O L		SOIL DESCRIPTION	Geodet Elevatio m 100.8		٦	hear S	20 Strength		Test N Va	80 kPa	Na Atter	250	apour Read 500 Disture Cont nits (% Dry	750	SAMPLES	N N
	FILL Sand	and gravel, fine to coarse grained, sional cobbles, brown, moist.	- 100.0								×				j	
	TILL		100.0		1											
	Silty s _(dens	sand, some gravel, grey, moist, se to very dense).			33											
	-						112	10.00	o .		×					
	_							Bouncir	ig:::::							1
164255		Auger refusal @ 2.7 m depth	98.1		103	11.57			1000			1.5.5				-
				l												
			ľ													
				_												
OTES: Borehole Trow bef	data req	uires interpretation assistance from		ER L			CORD						RILLING F			
		d upon completion.	lapsed Time mpletion	L	Wat evel n/c	(m)		fole Ope To (m) 2.7		Run No.	Depi (m)		% Re	c.	RG	QD
Field wo	k sunoné	sed by a Trow representative	mpietroit		11/0	ı		۷.1								
		nple Descriptions														
.This Drav	ving to be	e read with Trow Consulting ort OTEN00018095B														



Project No. Project:	OTEN00018095B Phase II Environmental Site A	DOI C										Figur	e No)	19	l		
Location:	1650 and 1666 Carling Avenu									-	_	Shee	et No)	<u>1</u> of	_1_		
	August 24th, 2005	.,			Solit 9	Spor	on Sam	nle		— ⊠	_	Com	huetik	le Va	oour Rea	dina		
Drill Type:	<u> </u>			-	Auger	Sa	mple	hie				Natu	ral Mo	oisture	Content	•		X
Datum:	Assumed			-	SPT (Dynar	-	/alue Cone T	est		<u> </u>		Undr	berg L ained	Triax		ŀ		⊕ ⊕
Logged by:	Checked by:			-		Str	ength b	у		-		Shea	rain at r Stre	ngth l	ру			▲
····					Vane	Tes	t			s			trome					
G W B O L	SOIL DESCRIPTION	1	Seodetic levation	DEPTH		2()	enetration	60	Value 80		<u> </u>	250 Vatura	Mois	ture Conte	750 ent %	- M P	Na
1 - I	UALTIC CONCETTAGO		m 0.4	H	Shea	ar St - 50	trength	100	150	200	kPa	Ati	erberg	Limit	s (% Dry \ 20	Veight)	LEIS	kl
₩ FILL	HALTIC CONCRETE 100 mm	$ \int_{10}^{10}$	0.3											×				
SILT	lway granulars, ~700 mm. Y SAND	99	.6	1										201		3213		
Poss yellov	ible fill, fine to medium grained w/brown, moist, (compact).	98	.9	'	0								×				\mathbb{Z}	
TILL Silty	sand, some gravel, grey, moist					c							*	211		2010	M	
(dens				2														
		1			-0-6-1		0					2 1:1	*			0010	\mathbb{X}	
LIME	STONE BEDROCK	97.	.2	3	561		1.2 (-1.	Bounci	ng				*					
	good quality.	-			-2-1-1		1.5 6.1.									100000	11	
		-	96.2	4	3 3 4		1331							3(1)		3013	$\ \ $	
		-														2010	H	
		-		5	331		1331					2.53	2 13 3 3		- (-1-0-0-	0010		
		4					1.2.2.1.									12 31 112		
В	orehole terminated @ 5.9 m de	94. epth	.5				1334											
			:															
OTES: Borehole data req	uires interpretation assistance from	V	VATER	LE	EVEL F	REC	CORDS	 S				C	ORE	DRIL	LING R	ECORD		
Trow before use b Piezometer install.	ed upon completion.	Elapsed Time			Water evel (n		Ī	Hole Op To (m			Run No.		pth n)		% Red	;.	RQ	D o
		Completion 6 Days	י ו		n/d 4.2			3.2			1 2		- 4.6 - 5.9		95 98			88 81
	ised by a Trow representative	,	ŀ														Ì	
I.See Notes on San 5.This Drawing to be																		
Engineers Ltd. rep	e read with Trow Consulting port OTEN00018095B													L_				

	WAT	ER LEVEL RECC	RDS
	Elapsed Time	Water Level (m)	Hole Open To (m)
	Completion	n/d	3.2
	6 Days	4.2	
1		,	
i	:		

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



Project	No. <u>OTEN00018095B</u>	Doleil			•	ב כ								IU	
Project	: Phase II Environmental Site A	ssessment							-	e No	_				
Locatio	on: 1650 and 1666 Carling Avenue	e, Ottawa, Ontari	0						Shee	et No		1_ of			
Date D	rilled: August 24th, 2005		_ Split S	oon S	Sampl	e	\boxtimes		Com	bustibl	e Var	our Rea	ding		
Orill Ty	pe:		Auger - SPT (N							ral Moi berg L		Content	1		×
Datum:	Assumed		Dynam	ic Con		st		•	Undr	ained frain at	Triaxi				(
.oggec	by: Checked by:_		Shelby Shear	Strengt	th by		+ s		Shea	ar Strer	ngth b	у			4
	······		Vane T		1 Peni	etration 1	Test N Va					our Readi	ina (nnm	ISI.	
SYMBOL	SOIL DESCRIPTION	Geodetic Elevation m 100.4	D E P T Shear	20 Streng	40) (60	80 kPa	1	250	Moist Limits	ture Conte s (% Dry V	750	AMP \	Na U W ki
	ASPHALTIC CONCRETE 60 mm ROADWAY GRANULARS 400 mm	100.3	0			3113				×					
	FILL Sand and gravel, fine to coarse grain occasional cobbles, brown, moist.	ned, / 99.6	1						2.0				-2 (-1		
	SILTY SAND Possible fill, fine to medium grained,	98.9	0								×		564		
	\vellow/brown, moist, (loose).	(1000)	2 0			0.000	1.2.2.2.2				×		100000	\mathbb{X}	
	Silty sand, some gravel, grey, moist, to dense).	(loose	12.5.1.		0	31123 21122							3010	\mathbf{M}	
	-		3										3011		
	-	- 96.8	C							×				\mathbb{X}	
uccos.	Auger refusal @ 3.6 m depth	73.0													
OTES				1		: : : :			L						_
OTES: Borehole Trow bef	data requires interpretation assistance from ore use by others	WATER Elapsed	R LEVEL F	ECOF		ole Ope	en	Run		ORE epth	DRIL	LING R		RQE	D '
. Borehole	backfilled upon completion.	Time Completion	Level (m	+		To (m) 3.6		No.		m)	-		-		_
Field wo	k supervised by a Trow representative														
	es on Sample Descriptions														
.This Dra	wing to be read with Trow Consulting s Ltd. report OTEN00018095B														

WAT	ER LEVEL RECC	ORDS
Elapsed	Water	Hole Open
Time	Level (m)	To (m)
Completion	n/d	3.6

CORE DR	ILLING RECO	RD
Depth (m)	% Rec.	RQD %
	,	
		:
	Depth	



Project No	. OTEN00018095B	Oleii	J	10	_	. •	9 2	<u> </u>	,								ľU	, 1
Project:	Phase II Environmental Site Asses	sment					·····				igure							
Location:	1650 and 1666 Carling Avenue, Ot	tawa, Ontari	0							S	Sheet	No.		1_ of	_1	_		
Date Drilled	d: August 24th, 2005		_	Split Sp	oon	Sam	ple	Č	<u> </u>		Combu	stible	Vap	our Rea	ading			
Drill Type:				Auger S SPT (N)				[Natural Atterbe	Mois	ture		-	L.,		X
Datum:	Assumed			Dynami	c Cc	one T	est		_ 		Undrair % Strai	ned Tr	iaxia			1		€
Logged by:	Checked by:			Shelby ⁻ Shear S Vane Te	tren		у	-	- + S		Shear S Penetro	Streng	th b	у				4
SY M BO L	SOIL DESCRIPTION	Geodetic Elevation m 99.5	DWDHI	Shear	20	ngth		Test N V 60 150	80	Pa .	Na Atter	250	50 Noistu imits	our Read 00 ure Con (% Dry	750		M	N K
FIL Sar	L nd and gravel, fine to coarse grained, asional cobbles, brown, moist.	99.5	0						200			×			1		j	_
KXXX	PSOIL	98.7	1	3013														
1/ 1/ N		98.1				0								×			Д	
Silt	y sand, some gravel, grey, moist,				}								×	. 6.3.0.6			\bigvee	
(CO)	mpact to dense).		2			201	2133											
		-		2011			O Bouncii					×		- 1-1-2-3			X	
1.1000	Auger refusal @ 3.0 m depth	96.5	3	1111	1	<u> </u>	0	9			<u> </u>	1 1 1		1 1 1 1 1	1 3 4	::::	\dashv	_
OTES: Borehole data r Trow before use	equires interpretation assistance from	WATER			ECC								RILL	ING F				_
	alled upon completion.	lapsed Time		Vater vel (m) n/d		F	Hole Op To (m) 3.0		Run No.		Dept (m)		L	% Re	c		RQD)
.See Notes on S	1 1	mpletion 5 Days		n/d Dry			3.0							1.11				



nase II Environmental Site Assessm 550 and 1666 Carling Avenue, Ottav gust 24th, 2005 sumed Checked by: SOIL DESCRIPTION	va, Ontari	io	Split Spo Auger S SPT (N) Dynamic Shelby 1	ample	nple			Combu	stible V	1 of			
gust 24th, 2005 sumed Checked by:		<u>-</u>	Auger S SPT (N) Dynamic	ample	nple					apour Rea	ding		
sumed Checked by:	· 	-	Auger S SPT (N) Dynamic	ample	nple					apour Rea	ıding		
Checked by:	· 		SPT (N) Dynamic				U	natura	l Moistui	re Content	t		[}
Checked by:	· 			Cone	Taet	()		rg Limit			 	-
	· 		•	ube		_		% Strai	ned Tria in at Fai	lure			0
SOIL DESCRIPTION	Condutio		Shear Solvene Te		ру	- ;	⊦ S		Strength ometer 1				4
	Elevation m 99.7	DWPTH	Shear S			Test N V 60 150	alue 80 kPa 200		250	apour Read 500 isture Contr its (% Dry)	750)	N W k
TIC CONCRETE 100 mm	99.6	0			To and a	130	200	×	Time	20		i	_
d gravel, fine to coarse grained,			13 (1.1.)						13.33	3	331		
t).		1	0					0.000	12.2.2	X		$ \bigvee$	
- Coppedity	98.2		12 (11)									\exists	
d, some gravel, grey, moist, (loose).		2	13 (11 13 1	O					1:::::	<u> </u>		$-\!$	إ
-	-		0		- 4-133	13333						\mathbb{A}	
-	96.5	3	-5-6-6-6			ng		66.46	×				
9 3-2 m 39pm													
interpretation assistance from	WATER	LE	VEL RE	CORD	3			COF	RE DRI	LLING R	ECORE		_
ners Elaps	sed		Water		Hole Ope		Run No.	Dept	h			RQ	۱D
by a Trow representative Descriptions			n/d		3.2								
	al cobbles, brown, moist, t). d, some gravel, grey, moist, (loose). interpretation assistance from ers uger refusal @ 3.2 m depth Elaps Tim Completion. by a Trow representative	al cobbles, brown, moist, t). 98.2 d, some gravel, grey, moist, (loose). 96.5 uger refusal @ 3.2 m depth WATER Elapsed Time Completion by a Trow representative Descriptions	al cobbles, brown, moist, t). d, some gravel, grey, moist, (loose). general and a second se	al cobbles, brown, moist, (1) 98.2 d, some gravel, grey, moist, (loose) 96.5 uger refusal @ 3.2 m depth	al cobbles, brown, moist, (f). 98.2 d, some gravel, grey, moist, (loose). 98.5 uger refusal @ 3.2 m depth water Level (m). Completion or a Trow representative Descriptions	al cobbles, brown, moist, (). 98.2 d, some gravel, grey, moist, (loose). 98.5 98.6 98.7 98.7 98.8 Pouncing Pouncing Source of the company of the co	al cobbles, brown, moist, (f). d, some gravel, grey, moist, (foose). ge.5 algorithms assistance from ersementation assistance from ersement on completion. But a Trow representative Descriptions 1	al cobbles, brown, moist, (t). 98.2 d, some gravel, grey, moist, (loose). 98.5 98.6 98.7 98.8 Pointing: 98.9 98.9 99.9 Pointing: Point	al cobbles, brown, moist, (1). 98.2 d, some gravel, grey, moist, (loose). 98.2 2 96.5 3 8 8 8 90.0	al cobbles, brown, moist, 0). 98.2 d, some gravel, grey, moist, (loose 98.2) 98.5 98.5 98.6 98.6 98.7 98.6 98.7 98.6 98.7 98.7 98.8 99.9	al cobbles, brown, moist, (1). 98.2 d., some gravel, grey, moist, (10ose 2 2 2 2 2 2 2 2 2	al cobbles, brown, moist, (i). 98.2 d, some gravel, grey, moist, (loose). 98.5 3 3 3 3 3 3 3 3 3 3 3 3 3	al cobbles, brown, moist, (1). 98.2 d, some gravel, grey, moist, (loose 1), 100 1



Projec	tt No. OTEN00018095B tt: Phase II Environmental Site As	ssessment							Figure	No.	23			
Location			ntario						Sheet	No	of	_1_		
	Orilled: August 24th, 2005	., O.a., OII	10	0-64.0	oor C-	olo	ĸ		0			atta		_
Drill Ty				Split Sp Auger S	oon Sam Sample	iple		3 D			epour Rea e Content	-		×
Datum				SPT (N Dynami	Value c Cone T	est	(<u>-</u>		erg Limits ned Tria:		ŀ		-€
Logge				Shelby	Tube				% Stra	in at Fail Strength	ure			€
Loggot	onecked by			Vane Te	trength b	by	5	F 3		ometer T				•
GW BOL	SOIL DESCRIPTION	Geod Eleva m 99.7	ation	Shear			60	80 kPa	: Na	250 Itural Moi	sture Conte its (% Dry \	750 ent %	o ≪Zn_mo	N: W ki
	ASPHALTIC CONCRETE 50 mm ROADWAY GRANULARS 200 mm	99.7		0 3.77	1	100	130	200	×		20	30	3	-
	FILL Sand and gravel, fine to coarse grain			3 21 13								0.000		
	occasional cobbles, brown, moist, (lo	ose).	-	1 0			·			×		10 0110	M	
	TILL	98.2		3 3 1 3		0.000							\exists	
	Silty sand, some gravel, grey, moist, (dense to very dense).	-	97.5	2 3 3 1 3		9 : : : :				X		3010	M	
	_	_		12 (11)		0			×				М	
		4	3	3 3 3 3 3		Bouncir	10			13.33		3313		
	Auger refusal @ 3.5 m depth	96.2		10.0110		O	19		×				X	~~~
OTES: Borehole	data requires interpretation assistance from	WAT	TER LI	EVEL RE	CORDS	 3	<u> </u>		COF	RE DRII	LING RE	CORD		
Trow befo	ore use by others er installed upon completion.	Elapsed Time	L	Water evel (m)		Hole Ope To (m)		Run No.	Dept (m)	:h	% Rec		RQI	D º
Field wor	k supervised by a Trow representative	Completion 6 Days		n/d 2.2		3.5					***************************************			
	ving to be read with Trow Consulting s Ltd. report OTEN00018095B													



	ect No.	OTEN00018095B		ınt									Figure	e No)	24	4			
Proje Locat		Phase II Environmental Site A							<u> </u>				Shee	t No)	1_ of		_		
		1650 and 1666 Carling Avenu	e, Ollawa	a, Ontan	U															_
		August 23rd, 2005			-	Split Split			ple							our Re Conter				>
Drill T	-	A			-	SPT (N Dynam			est	_	С) -		-	Limits Triaxi	al at		H		
Datun		Assumed	_		-	Shelby	Tu	be				i	% Str	ain a	t Failu ngth b	re				(
_ogge	ed by:	Checked by:				Shear Vane T			у		+ s	-			eter Te					4
s S Y				Geodetic	P	s	tan	dard Pe	netration	Tes	t N Va	alue	Comi	oustib 250		our Rea	ding (ppm)	S	N
SYMBOL		SOIL DESCRIPTION		Elevation m	DEPT	Shear	20 St	rength	40	60		80 kPa	Att	latura	I Moist	ure Con s (% Dry	tent %	6 ht)	SAZP-ING	١
₩.	ASPI	HALTIC CONCRETE 40 mm		100.5 100.5	0		50	1 [::::::::	00	150		200	1			20	30	2.1.2	S	Ť,
\otimes	FILL	DWAY GRANULARS-240 mm	/_	100.2		3011		1001 1001	3:1:3:	34 33 31 33	3113	1000			X				I	
	X-occas	and gravel, fine to coarse grain sional cobbles, brown, moist,	ned,		1	0									7 11				V	1
	(com	pact). 		99.0			-				2111				444					
	Silty	sand, some gravel, grey, moist pact to dense).	·		2	3313) -								×				X	
	(0011)	ouse to densey.																	<u></u>	
	8	A		97.6	L				0		<u> </u>								Å	L
		Auger refusal @ 2.9 m depth																		
																				İ
																				İ
OTES:			1							1							_ <u></u>			_
. Boreho	ole data req pefore use b	uires interpretation assistance from by others	Elapse	WATER		EVEL F Water	REC		S Hole O	pen	_	Run		ORE pth	DRIL	LING F		ORD T	RO	QD
. Boreho	ole backfille	d upon completion.	Time Comple	}		evel (m n/d)	+	To (n	n)	\dashv	No.		n)	-			+		
.Field w	vork sunervi	ised by a Trow representative																		
		nple Descriptions																		
This D	rawing to be	e read with Trow Consulting port OTEN00018095B																		



Projec Projec	t No. OTEN00018095B	or CII										_		Figi	ure	No	٠		25		_	
Locati			ario											Sh	eet	No		1	of	1	_	
	orilled: August 23rd, 2005	zuawa, Uni	a110					_														
Date L Drill Ty			_			oon S ampl		ole											Read Intent	ding		(
Dilli Ty Datum						Valu : Con		est		_	С	•					imits Triax	iat at			<u> </u>	(
Logge			_	She	lby T	ube					-	-		%	Strai	n at	Failu ngth	те	•			(
-ogget	True Criecked by			Van		reng st	th by	y			+ S	•					er T					
SYMBOL	SOIL DESCRIPTION	Geodel Elevatio m 99.8	on F	Sh	2	ndaro	zth	netra 10 00		Test 60 50		80	kPa	\vdash	Na Atter	250 tural	Mois Limi	500 sture	7 Conte Dry V	ng (pp 50 nt % Veight)	— <u> </u>	SA M
	ASPHALTIC CONCRETE 50 mm ROADWAY GRANULARS 300 mm	99.8 99.8 99.5	0	13.3	. [.] .		3 	J	: 2 : 2 : 2 : 2	1:::	: : : : : : : : : : : : : : : : : : :	200		×		T		20				
	SILTY SAND Possible fill, fine to medium grained,								33	122							2 ()			10.00		Ц
	yellow/brown, moist, (loose to compact)	. =	1	()		1. I. 2. I.			1 1 1				D.		X				200	$ \rangle$	
	TILL	98.3		13. 4.	1:2:			Bou 	ncin	g					×						\ \	
25/29	Silty sand, some gravel, grey, moist, (vedense).	ery 97.9	_	1		: : :	: :			1											1	+
	Auger refusal @ 1.9 m depth																					
OTES:											 							1	لنن		-	
.Borehole	data requires interpretation assistance from ore use by others	WATE Elapsed		Wate	er	COF		łole			+	Ru			Dep	th	JRIL T		G RE	COR		QD
Borehole	backfilled upon completion.	Time Completion	L	evet (n/d					(m) .9		$\left \cdot \right $	No).		(m)	<u> </u>	+					
Field wo	rk supervised by a Trow representative																					
	es on Sample Descriptions																					
This Drag	wing to be read with Trow Consulting s Ltd. report OTEN00018095B																					



Project: Phase II Environmental Site Assessment Location: 1850 and 1866 Carling Avenue, Ottawa, Ontario Date Orilled: August 24th, 2005 Drill Type: Sasumed Street No. 1 of 1 Date Orilled: August 24th, 2005 Drill Type: Set Street No. 25th No.	→ → ⊕
Date Drilled: August 24th, 2005 Date Drilled: August 24th, 2005 Drill Type: Datum: Assumed Datum: Assumed Checked by: Shear Strength by Vane Test Soll DESCRIPTION FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist. Soll Description Soll Description Possible fili, fine to medium grained, yellow/brown, moist, (compact). Split Spoon Sample Auger Sample III Natural Moisture Content Atterberg Limits Natural Moisture Content Shear Strength by Penetrometer Test Standard Penetration Test N Value 20 40 60 80 Natural Moisture Content Shear Strength by Penetrometer Test Standard Penetration Test N Value 20 40 60 80 Natural Moisture Content Shear Strength by Penetrometer Test Standard Penetration Test N Value 20 40 60 80 Natural Moisture Content Shear Strength by Penetrometer Test Natural Moisture Content Shear Strength by Penetrometer Test Natural Moisture Content Shear Strength by Penetrometer Test Natural Moisture Content Shear Strength Shear Strengt	—————————————————————————————————————
Drill Type: Datum: Assumed Datum: Assumed Domain: Cone Test Shelby Tube Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Soll DESCRIPTION FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist. SalLTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). Sall Silly sand, some gravel, grey, moist, (compact). Auger Sample SPT (N) Value On Atterberg Limits Dynamic Cone Test Shear Strength William Shear Strength by Shear Strength by Penetrometer Test Shear Strength by Shear Strength of Shear	× ⊕
Datum: Assumed Datum: Assumed Datum: Assumed Dynamic Cone Test Shelby Tube Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test N Value Shear S	→
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Logged by: Checked by: Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Vane Test Shear Strength by Penetrometer Test Shear Strength by Vane Test Standard Penetration Test N Value 250 500 750 250 500 750 Natural Moisture Content % Atterberg Limits (% Dry Weight Concasional cobbles, brown, moist. 99.9 SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (compact). 98.6 Shear Strength by Penetrometer Test Standard Penetration Test N Value 250 500 750 Natural Moisture Content % Atterberg Limits (% Dry Weight Content % Atterberg Limits	pm) S A M U U We S KN
Geodetic Elevation 100.7 FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (compact).	pm) SA AM U
SOIL DESCRIPTION Fill Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist. 99.9	t) Na With the second s
FILL Sand and gravel, fine to coarse grained, occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (compact).	ES K
occasional cobbles, brown, moist. SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (compact). 99.9 1 0 99.2 TILL Silty sand, some gravel, grey, moist, (compact).	X
SILTY SAND Possible fill, fine to medium grained, yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (compact).	X
yellow/brown, moist, (compact). TILL Silty sand, some gravel, grey, moist, (compact). 99.2 99.2 98.6 2	X
Silty sand, some gravel, grey, moist, (compact).	
Total pact.	
OTES: Borehole data requires interpretation assistance from WATER LEVEL RECORDS CORE DRILLING RECORDS	
Trow before use by others Elapsed Water Hole Open Run Depth % Rec. Piezometer installed upon completion. Time Level (m) To (m) No. (m)	₹D
Completion n/d 2.1 6 Days Dry	RD RQD %
Field work supervised by a Trow representative	
See Notes on Sample Descriptions This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B	

5. This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095B

TAW	ER LEVEL RECO	RDS
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	2.1
6 Days	Dry	

-		RILLING RECOF	
Run No.	Depth (m)	% Rec.	RQD %
1			



	OTEN00018095B											0.7	,	
Project:	Phase II Environmental Site	Assessme	ent									27		
Location:	1650 and 1666 Carling Aven	ue, Ottawa	a, Ontari	io						Sheet	l No.	_1_ of		
Date Drilled:	August 23rd, 2005		TRAT	_	Split Spo	on Sam	ple	(\boxtimes	Comb	ustible \	Vapour Rea	ding	
Drill Type:				_	Auger Sa SPT (N)				I) O		al Moistu erg Limi	ure Content		ļ
Datum:	Assumed			_	Dynamic	Cone T	est			Undra	ined Tri	axial at		
Logged by:	Checked by	:			Shelby T Shear Str	rength b	у		- S	Shear	nin at Fa Strengt rometer	h by		
8			Γ.	_	Vane Tes		netration					/apour Read	ina (nom	TST.
G M B C	SOIL DESCRIPTION		Geodetic Elevation	DEPTH	2	0		60	80	1	250		750	₩
L	HALTIC CONCRETE 25 mm		m 100.8	0 H	Shear S	_	00	150	kPa 200	Atte	rberg Lir		Weight)	L-LIES
ROA	DWAY GRANULARS 300 mm Y SAND		100.8 100.5			1001				×			3:11	
Poss	ible fill, fine to medium grained w/brown, moist, (loose to comp	d,	`		33:13:									
yello.	wibiowii, moist, (toose to comp	uact).		ľ	0		2133			>	<			\mathbb{Z}
		_	,		Ö		1100	1000				×		M
711			98.5	2									10.000	
- TILL Silty	sand, some gravel, grey, mois				-5-6-6-5-	1-2-6-1	Bouncir O	ig			×			\mathbb{N}
dense LIME	STONE BEDROCK		97.8	3	10 0 1 10 1 13 0 1 1 3 1		3133	13.001		1 3 1 1 1				
Grey,	, good to excellent quality.	-	97.3											П
		_		4	38131	1001		330		300			3313	
													200	11
				5								4.1.2.4.		Ш
													3010	11
			0.4.77										5010	Ш
	orehole terminated @ 6.1 m de	epth	94.7	6										14
		•												
				İ										
			}											
OTES:														Щ
	uires interpretation assistance from y others	Elapse			VEL REC		lole Ope	20	Run	CO		ILLING RE		RQD
	1	Time			vel (m)	- '	To (m)	"'	No.	(m)		70 L/GC		ועט

3. Field work supervised by a Trow representative

2. Piezometer installed upon 2.

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

TAW	ER LEVEL RECC	RDS
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	3.0
7 Days	3.5	
L		

		CORE DF	RILLING RECO	RD
	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
į				



Project No. Project:	OTEN00018095C Supplemental Phase II Environm	ental Site As	Ses	sme	ent						Figure	e No.		1	_	
Location:	1666 Carling Avenue, Ottawa, Or		500	3,110		****					Shee	t No.	1 0	of <u>1</u>	_	
	September 28th, 2005			Celli.	e _n	on Sar-	nlo		 1521		C- :	undikt "		1 P		,-
Drill Type:	p to 2011, 2000		_	Auge	er S	oon Sam ample	ыe		X X			uslible V al Moistu		-)
Datum:	Local		_			Value Cone T	est		o -			erg Limit ined Tria			 	—(
Logged by:	Checked by:		_	Shel		ube renath b		ı			% Stra	sin at Fa Strength	lure			Э
Loggod Dy.	Oncoked by			Vane			у	•	+ s			rometer				4
SY MBO	SOIL DESCRIPTION	Depth Below Grade	C E F		2		netration 40	Test N \	80		N	ustible V 250 atural Mo	500 isture Co	750 Intent %		S N M P
	ICRETE~150 mm	100.78	i o	1		Strength 0 1	00	150	200	kPa	Atte	rberg Lin	its (% Di	y Weigh	t) [VES V
FILL FILL	d and gravel, fine to coarse grained	100.7									þ					
	sional cobbles, brown, moist.	, 100.1		0::::											12	Ŋ
	f, fine to medium grained, light brov			Ö							b				\Box	
TILL		99.2		0			3:1:23									
Sility	sand, some gravel, grey, moist.	7	2												+	
		-		3.3		<u>) : -</u>	-0100	12.5.6		4.4					$-\downarrow$	
		-	3	10.00) 	Bouncir	າg:			h			6 3 3 6 3 3 3	$\longrightarrow \downarrow \downarrow$	\langle
LIME	STONE BEDROCK	97.2		10.4-			0							21 (22) 4 (4)	-/	A
	NOTONE BEBROOM		4				18138 19149	331			31113			0.00		
		96.	5													
		_	5	331			3133	996		21				933		l
				12 41 1		1.5 ()										
			6			100.0					3000					
			ľ	2 (1) 2 (1)							3 () 3			6		
B	orehole terminated @ 6.7 m depth	94.1	+												1	-
																Ī
OTES:										- 1			1			
Borehole data req. Trow before use b	uires interpretation assistance from y others	WATER Elapsed	١	Vater			ole Ope	en	Rur	- T	CO	RE DRI	LLING I			QD '
. Piezom eter install	ed upon completion.	Time ompletion	Le	vel (r 4.3	n)	-	To (m) n/d		No.		(m					
.Field work supervi	sed by a Trow representative	11 Days		4.4										ĺ		
.See Notes on Sam	nple Descriptions															
.This Drawing to be	e read with Trow Consulting ort OTEN00018095C											!				



Designation		DUIE	;;;(<i>)</i>	GI		υį	<i>)</i>	10	_				_			UW
•	OTEN00018095C		4. A.								Figur	e No.		2		-	
	Supplemental Phase II Enviro		te Asse	ess	ment						Shee	et No.	_1	_ of	_1	_	
	1666 Carling Avenue, Ottawa	, Ontario															
	September 27th, 2005				Split Sp Auger S			ole				bustible ral Mois			-		□ X
Drill Type:					SPT (N)	Val	lue		(_	Atter	berg Lir	nits			<u> </u>	
	Local				Dynamion Shelby			est		- I	% St	ained T rain at F	ailure	•			\oplus
Logged by:	Checked by:		-		Shear S Vane Te		igth by	/	+	- S		r Streng stromete					•
ş			Depth	р	Sta	anda	ard Per	netration T	est N V	alue	Con	bustible				om)	S Natur
S Y M B O	SOIL DESCRIPTION		Below Grade	HUMD	Shear	20 Stre		ιο ε	50	80 kPa	At	250 Natural I terberg I	50 Moistu Limits	re Cont (% Dry	750 ent % Weight	, [Natur Unit Weigl kN/m
CONC	CRETE~150 mm		0.00 8.00	0		50	10	00 1:	50	200		10	20) 3:3:3:3	30	:::: ::::	kN/m
FILL Sand	and gravel, fine to coarse grai	ned,			::::::::::::::::::::::::::::::::::::::		9 (1) 12 (1) (1)	3133						0101	3.5		
-FILL	ional cobbles, greyish brown,	moist. 10	0.00	1													7
Sand, yellow	fine to medium grained, light vish brown, moist.	99	9.4		0												
TILL Silty s	sand, some gravel, fine to med	liumg	3.8	2	0			0100			Ο.			4-1-2-6			\langle
XXX TILL	ed, grey, moist, (very dense).		5.0	"				Bouncin ⊙	g						32	Ī	1
\ araine	and, some gravel, fine to med ed, grey, mottles, moist, petrole		3.2 97.94		2012							3 13		9139	33	7	
odour LIME:	(very dense). STONE BEDROCK			3	3013				330	1113		3 13		9129			
		1							-2-0-0-2						10.11		
		_		4	3:13		36.6	: 4:1:3:4: : \$1:3:5:	3043	1100		3 113					1
		-															l
		4		5	9019		9 (1.12) 9 (1.14)		3863			2 11 2 6 4 6			20		
		_			2 5 1 1 2				12 (11 11 11	111111	120.21	# 15 E		1 · 1 · 1 · 1	12.21		
				6			2011	0.100									
					3010		2001								30	L	
		94	1.0												38		
Bo	orehole terminated @ 6.9 m de	epth															
						i											
						:											
						1											
						:											
						:											
				L	: : : :	Ŀ	. : : 1				1:::	: : :			<u> </u>		
NOTES: 1. Borehole data requ Trow before use by	uires interpretation assistance from y others		WATER			ECC			, , ,	Pus	,	ORE D	RILL	ING R			RQD %
2. Piezometer installe		Elapsed Time Completion			Water vel (m) 3.0		-	lole Ope To (m) n/d	""	Run No.		epth m)	+	70 IXB	·		.WD %
2 Ciold week	and hu a Tray carree	10 Days			3.5			1110									
 Field work supervis See Notes on Sam 	sed by a Trow representative uple Descriptions																
5. This Drawing to be	read with Trow Consulting ort OTEN00018095C																

5. This Drawing to be read with Trow Consulting Engineers Ltd. report OTEN00018095C



Project: Supplemental Phase II E Location: 1666 Carling Avenue, Ot	nvironmental Site Ass	ses	ssm	ont							. 5	No.					
				CIIL						9	Sheet	No.	1	of	1		
	awa, Ontario																
Date Drilled: September 28th, 2005				lit Sp			ple		X T		Combu				ing		
Drill Type:		_		ger S T (N)					I) 0		Natural Atterbe			ntent		 -	× ⊕
Datum: Local		_		namio elby 1			est	_	_		Undrair % Strair			t			\oplus
Logged by: Checked	by:		She	ear S ne Te	treng		у		- + s		Shear S Penetro						•
S	Depth	Τ_	1			d Pe	netration				Combu	stible V	apour	Readir	ng (ppr	n) S	T.
G S M M B SOIL DESCRIPTION	Below Grade	E		hear :	20 Stron		10	60	80	Pa		!50 tural Mo berg Lir	500 pisture		ot %	SAMPLES	Nati Ur Wei
ASPHALTIC CONCRETE 50 m	100.'8	Ĥ	- 1		50	-	00 1	50	200	ra		10	20	3	0	E S	Wei kN/
BLIND DRILL Large cobble, air drilled through											3003				300		
Large cobble, all diffied though	_									: (: :- (-				138 140	201		,
		'	3													X	
——————————————————————————————————————	99.0						0100				7						
TILL Silty sand, some gravel, fine to	medium 7 98.8	2														\mathbb{P}	
\drained, grey, moist, (very dense COBBLES			1.5							:. : : :: : :	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			100		$\left \right $	
Large cobbles, air drilled through	<u>h.</u> 97.9	3	13 1	: : : :	1113		8133	333			3013	1181			301	-	
	97.3	7															
		4					8108							138			
			13.5								0010						
}	_																
		5	22.5				3133				2022				201		
<u>- </u>																	
	-	6	-2-3			1: i:					0.000				0.011		ı
Borehole terminated @ 6.9	94.3 m depth		10.0	- 1 - 3 -		#### ####	8138				3000			3 (-	334		ı
		+	125 3	11:2:		111											
DTES:		_								لت.				0 = 1			
Borehole data requires interpretation assistance from Trow before use by others	Elapsed		Wat	ter	-00		lole Ope	en	Run	1	Dept			G RE			QD %
Piezometer installed upon completion.	Time Completion	L	evel n/a		\dashv		<u>To (m)</u> n/d	\dashv	No.	+	(m)			*	+		

3. Field work supervised by a Trow representative

2. Piezometer installed opc...

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

	WAT	ER LEVEL RECC	RDS
	Elapsed Time	Water Level (m)	Hole Open To (m)
Γ	Completion	n/d	n/d
	12 Days	3.4	
L			

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

Borehole Log F17R



Project No.	OTEN00018095C) 	. –		- 3								•	11	_
Project: Supplemental Phase II Environmental Site Assessment										4					
Location:	1666 Carling Avenue, Ottawa, O							•	She	eet N	10	<u>1</u> of	1		
Date Drilled:	September 28th, 2005		s	plit Sp	oon Sam	ple	ľ.	— ⊗	Co	mbust	tible Va	pour Rea	adina		
Drill Type:			А	uger S	ample	,,,,	E	II)	Nat	turał N	<i>A</i> oistur	Conten	-)
Datum:	Local			PT (N) ynamid	value Cone T	est		-	Und	draine	j Limits ed Triax	ial at		-	(
Logged by:	Checked by:			helby 1 hear S	Tube trength b	ογ	•	 - S	She	ear St	at Failu rength	эу			,
·				ane Te	st						neter T				•
GW L BO L	SOIL DESCRIPTION	Depth Below Grade	DEP TH	Shear S	20 Strength		60	80 kP 200		25 Natu Atterbe	0 Iral Mois erg Limi	ture Cont s (% Dry	750	SAMP-ING	1
ASPI	HALTIC CONCRETE 50 mm D DRILL	100.8	0				150	200		10		20	30	S	
		1							5 5 5						
-		-	1												
X		98.5	2												
TILL Silty:	sand, some gravel, grey, moist.	_		6.1.1			12221							-	
927/2	Auger refusal @ 2.9 m depth	97.9													-
OTES: Borehole data requ Trow before use b	uires interpretation assistance from	WATER							(CORE	DRIL	LING R)	
Borehole backfilled	upon completion.	Elapsed Time	Leve	ater el (m)		To (m)	en	Run No.		epth (m)	$\overline{\bot}$	% Red). 	RQ	D
See Notes on Sam	sed by a Trow representative	completion n/d		/d /d		n/d									

WAT	ER LEVEL RECC	PRDS
Elapsed	Water	Hole Open
Time	Level (m)	To (m)
Completion	n/d	n/d
n/d	n/d	

Run No.	Depth (m)	% Rec.	RQD %
-			



Projec Projec		onmantal Sita As	eessment			Figure No.	5	
Location			sessment			Sheet No.	1 of 1	
	rilled: September 28th, 2005	a, Ontano						
	no:		Split Spo Auger Sa	on Sample ample	⊠ 000	Combustible V Natural Moistu	apour Reading re Content	
Drill Ty Datum:			— SPT (N)		0	Atterberg Limit	s	I
Datum:			Shelby T			Undrained Tria % Strain at Fa	llure	(
Logged	I by: Checked by:	<u> </u>	Shear St Vane Tes	rength by st	+ s	Shear Strength Penetrometer		
SY M BO L	SOIL DESCRIPTION	Depth Below Grade	D E P 2 T Shear S	trength	80 . kPa	250 Natural Mo a Atterberg Lin	apour Reading (pprr 500 750 isture Content % hits (% Dry Weight)	SAMPLES
	CONCRETE~150 mm	100.9	0 5	0 100 150	200	10	20 30	S
	FILL Sand and gravel, fine to coarse gra brown grey, moist. SILTY SAND	ined,100.3	2:					
	Possible fill, fine to medium grained yellow/brown, moist.	99.4	-7 -0					Ä
	_ TILL _Silty sand, some gravel, grey, mois	t	2 6	Bouncing				
	Auger refusal @ 2.3 m deptl	98.4	(+\bar{\pi} + \bar{\pi} + \b				: : : : :	
Trow before. Borehole Field wor. See Note	data requires interpretation assistance from ore use by others backfilled upon completion. k supervised by a Trow representative on Sample Descriptions ving to be read with Trow Consulting	WATE Elapsed Time Completion n/d	R LEVEL REG Water Level (m) n/d	CORDS Hole Open To (m) n/d	Run No.	CORE DR Depth (m)	ILLING RECORE % Rec.	RQD



Project N	lo. OTEN00018095C) CII	O I			9 5		_		•	TI	П	J
Project:	Supplemental Phase II Environmen	tal Site As	ses:	sment						o. <u>6</u>			
Location:									Sheet No	o. <u>1</u> of	1_		
	ed: September 28th, 2005			Split Sp	non Sar	nnlo	r	 ⊠	Combustib	ile Vapour Re			,
Drill Type			_	Auger S	ample	npie		I)		ne vapour Re Disture Conter	•		
Datum:	Local			SPT (N Dynami		Test		<u> </u>	Atterberg t Undrained		ŀ	 	- (
Logged b				Shelby Shear S		hv		L	% Strain a	l Failure			
99	oncondaby.	TILLIPES.		Vane Te		Uy	-	 S	Penetrome				
SYM BOL	SOIL DESCRIPTION	Depth Below Grade	DMPHH	Shear	20 Strength		Test N V 60 150	alue 80 kPa 200	250	le Vapour Rea 500 I Moisture Con 3 Limits (% Dry 20	750	- M	
XXX F	ONCRETE~150 mm	100.8	0	30.00								Ĭ	_
S g	and and gravel, fine to coarse grained, reyish brown, moist.	100.1										V	
- XXXX - S	ILL and, fine to medium grained, light		1	3010									
Ÿ	ellowish brown, moist.	99.4											
S gr	ilty sand, some gravel, fine to medium rained, grey, moist, (very dense).	-	2	10 0 1 1 5 15 0 1 1 5								X	
-		-		-2-0-1-3								M	
66/28	Auger refusal @ 2.9 m depth	98.0	+				1.4.571					++	_
.Borehole back .Field work sup .See Notes on	kfilled upon completion.	WATEF apsed ime impletion n/d	V Le	VEL RE Vater vel (m) n/d n/d		S Hole Op To (m) n/d		Run No.	CORE Depth (m)	DRILLING F		RQI	



Project N	No. OTEN00018095C	יווט ונ	U	IE	L	-0	y E		$\underline{\mathbf{v}}$					•	T	1 [ON
Project:	Supplemental Phase II Environmer	ntal Site As	202	sme	nt					i	Figure	No		7	•	_	
Location	· · · · · · · · · · · · · · · · · · ·		303.	31110	111					_	Sheet	No		<u>1</u> of	1	_	
	led: September 28th, 2005				_				~~~					_			~
Drill Type			_			on Sam ample	ple							pour Re Conter	-		×
Datum:			_			Value Cone T	est		0		Allerb Undra					-	—
	Local		~~	Shell	by Т	ube					% Stra	ain at	Failu	ire			\oplus
Logged b	y: Checked by:			Shea Vane		rength b st	У		+ s		Shear Peneti						•
S S		Depth	D		Sta	ndard Pe	netration	Test N	Valu	е		ustible 250		our Rea	ding (pp	m)	Š Natura
SYMBOL SYMBOL	SOIL DESCRIPTION	Below Grade	DWPTI	She	2 ear S	0 -	40	60	80	kPa	- N Atte	atural rberg	Mois! Limit	ture Con s (% Dry	tent % Weight)	Naturi M Unit Weigh KN/m
₩	ASPHALTIC CONCRETE 50 mm	100.77 100.7	0		5	0 1	00 1	150	20	0		10	<u>;</u>	20	30		kN/m
	F <u>ILL</u> Sand and gravel, trace silt, fine to coarse	100.1		33	100		0.00			1331			201				
-	rained, brown, moist.		1	a.		-1-2-2-1				1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						\	Λ
	Possible fill, fine to medium grained, rellow/brown, moist.	99.5					8193										
	TILL Silty sand, some gravel, grey, moist.	_		200		. O										/	
	my cana, como gravor, groy, moist.		2	33					D;		D						\langle
		97.8		12.5			Bouncir O	ng .			D						1
	Auger refusal @ 2.9 m depth	01.0															
NOTES: 1. Borehole da Trow before																	
NOTES:	ta requires interpretation assistance from	WATE	R LE	VEL	RE	CORDS	3		Γ		CO	RE	ORIL	LING F	ECOF	 RD	
	use by others	lapsed Time	١	Wate	r		Hole Ope			Run No.	Dep (m	ith	T	% Re			QD %
2. EUTERIOIE DA	onlines open completion.	mpletion n/d		n/d n/d	<u>/</u>		n/d				<u> </u>		\uparrow			—	
4. See Notes o	upervised by a Trow representative in Sample Descriptions g to be read with Trow Consulting id. report OTEN00018095C			+I/G													



	t No. <u>OTEN00018095C</u>									ļ	Figur	re N	10.	8	į		
Projec		onmental Site A	sse	ssment	t									1 of		_	
Location		a, Ontario		·						-	3"					~	
	Orilled: September 28th, 2005			Split S Auger		n Samı	ole		X ID					pour Rea	-		[X
Orill Ty				SPT (N	۷) V	alue			D				yloistur 9 Limits	e Conten	.(—	_
Datum:		~~~~	_	Dynam Shelby		Cone Te be	est				% SI	train	ed Tria: at Fail	ure			Ð
_ogged	d by: Checked by:			Shear Vane T		ength b	У	-	†- S				rength neter T				4
s S Y		Depi Belo	h	s	itan	dard Pe	netration	Test N V	'alue		Con	nbus 25		pour Read	ding (pp	m)	S A M
SYMBOL	SOIL DESCRIPTION	Grac 100.17	- 1	7	20 r St 50	rength		50	80 200	kPa	At	Natu tterb		sture Con ts (% Dry 20	tent % Weight)	MP L K
	ASPHALTIC CONCRETE 50 mm			0 3333							h						Ĭ
	Sand and gravel, fine to coarse gra	ined, 100.1		1 00			3133	0.20								1	
	- <u>SILTY SAND</u> Possible fill, fine to medium grained	i, –		1									1100			<u> </u>	
	yellow/brown, moist.	98.9		.0		1:00:1:							1111111				X
	TILL Sandy silt, grey, mottles, moist, pet	roleum	;	2		0										$ \rangle$	\langle
	_odour.	-		13 4-1-1	<u> </u>		Bouncin	g		-3-3-6-						4	1
64X89	Auger refusal @ 3.0 m deptl	97.7 n		,		<u> </u>	1 1 1 1 1	1200	7 - 1 - 1	1111			100	1:::::	1 1 1	\top	1
OTES: Borehole	data requires interpretation assistance from	WAT	ER L	EVEL R	REC	ORDS					C	OR	E DRI	LING F	RECOF	 RD	
Trow bef	ore use by others backfilled upon completion.	Elapsed Time	[Water evel (m	<u> </u>	1	lole Ope To (m)			un lo.		epth m)		% Re	c.	R	RQD
20,01016		Completion n/d		n/d n/d	•		n/d										
	k supervised by a Trow representative	1,,,															
Con Make	es on Sample Descriptions														- 1		



Project No.	OTEN00018095C								_	Figure	No	9			
Project:	Supplemental Phase II Environmen		ses	sment						Sheet	No.	of	_1	-	
Location:	1666 Carling Avenue, Ottawa, Onta	ario	,												
	September 28th, 2005		_	Split Spo Auger S			ole		⊠ •••			apour Rea e Conten			□ X
Drill Type:				SPT (N) Dynamic			201	()		rg Limits			<u> </u>	0
Datum:	Local		_	Shelby 7	Fube	9		_		% Stra	ned Tria: n at Fail Strength	ure			⊕
Logged by:	Checked by:			Shear S Vane Te		gth by	/	;	 		ometer T				•
SYMBOL BOL	SOIL DESCRIPTION	Depth Below Grade	CEPT	Shear	20 Strei	ngth		60	80 kPa	1 :	250 tural Moi berg Lim	sture Cont its (% Dry	750	1.0	Na U We
	HALTIC CONCRETE 50 mm	100.77	0	13 3 1 1 3	50	1	00 1	150	200		10	20	30	S	
Sand	and gravel, trace silt, fine to coarse ed, dark brown, moist.	100.1		0.0110		30.11	- 0. 0. 0 0. - 0. 0. 0 0. - 0. 1. 0 0.	13.00			1121			J	
SILT	Y SAND ible fill, fine to medium grained,	99.5	1	1011	: -	: : : : : : : : : : : : : : : : : : :					1200			-1X	
yellov TILL	w/brown, moist.	_{-}{		0		23111 23111								$\left \right\rangle$	
Sand mottle	y silt, some sand and gravel, grey, es, moist,.	-	2	3 6 1 3			Bouncir O	19							
		+		10 01112		2 (- 1 - 2 (- 1 -	Bouncir)g							1
	Auger refusal @ 3.0 m depth	97.7	3	3313	::::		0 ::				330	111111		:: ^	-
NOTES: 1.Borehole data red Trow before use b	quires interpretation assistance from by others			EVEL RE	CC							LLING R			00.5
	d upon completion.	lapsed Time mpletion		Water evel (m) n/d		-	lole Ope To (m) n/d		Run No.	Dep (m)		% Re	c.	R	QD %
1.See Notes on Sar	ised by a Trow representative	n/d		n/d			4								

WAI	EK LEVEL KECK	אלאל
Elapsed Time	Water Level (m)	Hole Open To (m)
Completion	n/d	n/d
n/d	n/d	

	CORE DE	RILLING RECO	RD
Run No.	Depth (m)	% Rec.	RQD %



Pro	niec	t No.	OTEN00018095C	וטם	GIII	UI	C	L.	,Uţ	y !		<u>၁</u>						-	F-	Γ	U
	ojec		Supplemental Phase II Envir	onmental	Site Ass	sess	sment							Fig	ure	No.		10			
	catio		1666 Carling Avenue, Ottawa										_	Sh	eet	No.	_1	_ of	1		
			September 28th, 2005	, =			Split Sp	200	n ear-	nle	~~		_	^	om!-	ofibl- '	Ve	ω th	dia-		_
Drill			3 Spt. 6 1 2 5 11 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5		*	_	Auger	Sar	nple	hie				N:	atural	l Moist	ure C	ur Rea ontent	ung)
Dat			Local		***************************************		SPT (N Dynam			est		<u> </u>		U	ndrair	rg Lim ned Tri	axial			<u> </u>	
		l by:	Checked by	•			Shelby Shear S			v		+		Sł	near S	in at Fa Strengt	h by				•
							Vane T			y		+ s		Pe	enetro	ometer	Test				4
G& L	SYMBOL		SOIL DESCRIPTION		Depth Below Grade	THAWO	Shear	20	rength	netratio	60 150		ue 80 kPa	_	Na Atter	250	500	e Conte % Dry V	ng (ppm 50 nt % Veight) 30	OAML-ING	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
×	\bigotimes	ASPI- FILL	HALTIC CONCRETE 50 mm		100.8	0		Ĭ		Ĭ						Ĭ	- 1			j	
8		\graine	and gravel, trace silt, fine to ced, dark brown, moist.	coarse /	100.2				1.2.2.1		2 22								3 3 3 3		
8	▓	- <u>SILT)</u> Possil	′ SAND ble fill, fine to medium grained			1	0				0 12 0 1 11 1 2 13 3	(*) : (:) :								X	1
	▓	- yellow	//brown, moist.	-	99.0		Ö							b						X	
		- <u>TILL</u> Sandy	silt, some sand and gravel, o	grey,	1	2				Bounc	ıng			P	(1) (1) (4) (1)				331	X	1
		_mottle	s, moist, strong petroleum od	lour	-		-2-(-1-)		12 5-1-	Bounc	ing										
/2	1861		Auger refusal @ 3.0 m deptl	h	97.9	\parallel	-5 1 - 5	+												7	+
OTES Bore	hole	data requ re use by	ires interpretation assistance from		WATER			EC											CORD)	
		•	upon completion.	Elapse	<u> </u>	Le	Vater vel (m)		T	lole Or To (m			Run No.		Dept (m)		Q	% Rec		RQ	ΔD
See I	Notes	on Samp	ed by a Trow representative De Descriptions read with Trow Consulting rt OTEN00018095C	Comple n/d			n/d n/d			n/d											



Project No. OTEN000 Project: Supplement		atal Sita As	accem	ont					Figure	No.		1	_	
	ental Phase II Environmer ing Avenue, Ottawa, Onta		sessm	ent					Sheet	No.	_1_0	of _1		
Date Drilled: Septembe		ari U												_
Date Drilled. <u>Septembe</u> Drill Type:	1 2011, 2000		Au	ger Sa	on Sam ample	ple	0				/apour R ure Conte	•		>
Datum: Local		· · · · ·			Value Cone T	est		- -		erg Lim ined Tri			+-	—-(
Logged by:	Checked by:			elby T	ube rength b	v				ain at Fa Strengt				•
	Oncoked by			ne Te		у	+	3	Penet	rometer	Test			4
G X W M B SOI	I DESCRIPTION	Depth Below	DE			netration 1		alue 80	L	250	apour Re 500	750	m)	S A M
1 - 1	L DESCRIPTION	Grade 100.17	DEEP TH 0		trength	***		kPa 200	Atte	aturai Merberg Lii 10	oisture Co nits (% Di 20	ntent % y Weight 30	1)	NAMP LES
₩ <u>FILL</u>	ONCRETE 50 mm	100.7												
\grained, dark br	l, trace silt, fine to coarse own, moist.	100.1	100									9 6 - 12 6		
TILL Sandy silt, some	sand and gravel, grey,		1 2											
mottles, moist,.		98.9				Bouncir	ng .							
- <u>TILL</u> Sandy silt, grey	brown, mottles, moist,.		2			0								Ĭ
		97.9	3			Bouncir O	ıg.							
Auger re	fusal @ 2.8 m depth													
		4												
OTES: Borehole data requires interpreta Trow before use by others			R LEVE								RILLING			
Piezometer installed upon comp	letion.	Time	Wa <u>Leve</u> n/	<u>l (m)</u>	_ _'	Hole Ope To (m) n/d		Run No.	De _l		% F	(ec.	F	RQD
Field work assessed 12 - 7		mpletion n/d	n/ n/			11/0								
Field work supervised by a Trow. See Notes on Sample Description														
This Drawing to be read with Tro Engineers Ltd. report OTEN000														



Backfill Sand / Bentonite

Bentonite



Silica Sand



Sreen

Sample Type



Dual Tube

Materials



Asphalt



Fill



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

Folder Di Joven OneDrive ConeDrive - EnGlobe Corp/Workl02202032 CTR 290 Carling AvelgINT files Tuesday, June 07, 2022 @ 16:00 by Joven Mendoza

Polycyclic Aromatic Hydrocarbons

PHC/BTEX Petroleum Hydrocarbons / Benzene, Toluene, Ethylbenzene and Xylene

Canadian Tire Real Estate Limited Report Title

Drawing Title

CTR 290 - 1660 Carling Avenue, Ottawa

Phase II Environmental Site Assessment

Borehole Logs Legend & Notes

A.K.

2022/06/07

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Page 1 of 1 BH/MW22-01

DST Project No. **02202032**

Client Canadian Tire Real Estate Limited

Project Phase II Environmental Site Assessment

Date **April 26, 2022**

Method Hollow Stem Auger with Direct Push/Air Hammer

Diameter ID 7.6 cm

	m)	(m)	no	m)		Material Description)e	ecov.	CCGE) / PID		alysis		ratory a	nalvsis	Remarks
Depth (m)	Elevation (m)	Water level (m)	Well construction	<i>Depth (m)</i> Elevation (m)	Symbol		Sample #	Sample Type	% Sample Recov.	CCGD	PID	PAHs	PHC/BTEX	Metals	NOCs	Others	
0.5	- 78 -			0 78.04		ASPHALT FILL - gravel, some sand, light grey, dry, loose	SS1		100	NM	NM						
1.0	- -77 -			<i>0.75</i> 77.29		SAND & SILT - trace gravel, brown, damp, loose	282		100	NM	NM						
2.0	-						BH22-01		100	<5 ppm	<1 ppm	✓	✓	✓	✓	✓	
2.0	- 76 -			2 76.04		BEDROCK - limestone, fractured											
2.5	-	75.56															Groundwater level measure on May 3, 2022.
3.0	 75 -																
3.5	-																
4.0	 74 -																
4.5	-																
5.0	 73 																
5.5	-																
6.0	- 72																



Page 1 of 1 BH/MW22-02

DST Project No. **02202032**

Client Canadian Tire Real Estate Limited

Project Phase II Environmental Site Assessment

Date April 26, 2022

Method Hollow Stem Auger with Direct Push/Air Hammer

Diameter ID 7.6 cm

		<u>-</u>				Matarial Description					ion 78.15		.laia				Domonico
<u></u>	(m)	vel (m	tion	(m)		Material Description		ype	Reco	CCGL) / PID				ratory a	inalysis	Remarks
Depth (m)	Elevation (m)	Water level (m)	Well construction	<i>Depth (m)</i> Elevation (m)	Symbol		Sample #	Sample Type	% Sample Recov.	CCGD	PID	PAHs	PHC/BTEX	Metals	VOCs	Others	
0.5	78 			0 78.15 0.1 78.05	<i></i>	ASPHALT FILL - gravel, dry, loose, light brown	SS1		100	NM	NM						
1.0	- - -77			0.75 77.4 1.2 76.95	XXX	SAND - trace gravel, damp, soft SAND & GRAVEL - dry	BH22-02B		100	<5 ppm	<1 ppm		✓				
2.0	_			1.7 76.45 1.8 76.35		- black, seam SAND & SILT - damp, firm, some organics	BH22-02		100	<5 ppm	<1 ppm	✓	✓	✓	~	✓	Other: Glycols
2.5	76 	<u></u>		2.1 76.05		BEDROCK - limestone											Groundwater level measure on May 3, 2022.
3.0	- - 75	75.50															On May 3, 2022.
3.5	-																
4.0	- 74 -																
4.5	-					End of Borehole at 4.6 m.											
5.0	- 73 -																
5.5	-																
6.0	- -72																



BH/MW22-03

DST Project No. **02202032**

Client Canadian Tire Real Estate Limited

Project Phase II Environmental Site Assessment

Date April 26, 2022

Method Hollow Stem Auger with Direct Push/Air Hammer

Diameter ID 7.6 cm

	Œ	(m)	uc	Œ		Material Description		oc oc	ecov.	CCGD	/ PID		alysis		ratory a	nalvsis	Remarks
Depth (m)	Elevation (m)	Water level (m)	Well construction	<i>Depth (m)</i> Elevation (m)	Symbol		Sample #	Sample Type	% Sample Recov.	CCGD	PID	PAHs	PHC/BTEX	Metals	VOCs	Others	
0.5	-78 -			0 78.19 0.1 78.09	<i></i>	ASPHALT FILL - sandy gravel, dry, loose, light brown	SS1		100	NM	NM						
-	- - -77					- Silty	BH22-03		100	15 ppm	<1 ppm	~	✓	✓	✓	✓	Other: Glycols, pH, Grain Si: Duplicate: Dup-01
2.0	- - -76			1.6 76.59		SANDY SILT - trace gravel, damp, grey. firm	BH22-03B		100	10 ppm	<1 ppm		✓				
2.5	-						SS4		100	NM	NM						
2.0	- - -75	75.48		2.7 75.49		BEDROCK - limestone											Groundwater level measure on May 3, 2022.
3.5	-																
	- - -74																
4.5	-																
5.0	- -73 -																
6.0	-																



Page 1 of 1 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

		Œ				Material Description			ov.	CCG) / PID	Ana	lysis	;			Remarks
Depth (m)	Elevation (m)	Water level (m)	Well construction	<i>Depth (m)</i> Elevation (m)	lod		Sample #	Sample Type	% Sample Recov.			Subm		or laboi			
Deb	Elev	Wat	Wel		Symbol		Sam	Sam	% Sa	Q900	PID	PAHs	PHC,	Metals	VOCs	Others	
0.5	78 			0 78.22 0.1 78.12	/	ASPHALT FILL - sandy gravel, grey, dry, loose	SS1		100	NM	NM						
1.0	- - -77			0.75 77.47		SAND - trace gravel, brown, damp	BH22-04B		80	< 5 ppm	<1 ppm		✓				
1.5	-			1.4 76.82		- firm	BH22-04		95	<5 ppm	<1 ppm	✓	✓	✓	✓		
2.0	L			2 76.22		BEDROCK - limestone											
2.5	- 76 - -																
3.0	-																
3.5	75 -	74.88															Groundwater level measure on May 3, 2022.
4.0	- - -74																
4.5	- -																
5.0	- - -73																
5.5																	
6.0	-				\mathbb{X}												



Page 1 of 1 BH/MW22-05

DST Project No. **02202032**

Client Canadian Tire Real Estate Limited

Project Phase II Environmental Site Assessment

Date April 27, 2022

Method Hollow Stem Auger with Direct Push/Water Rotary Coring

Diameter ID 5.4 cm

						T .					ion 78.14						I .
_	(m)	/el (m)	tion	(m)		Material Description		ype	Recov	CCGE) / PID				ratory a	ınalysis	Remarks
Depth (m)	Elevation (m)	Water level (m)	Well construction	<i>Depth (m)</i> Elevation (m)	Symbol		Sample #	Sample Type	% Sample Recov.	CCGD	PID	PAHs	PHC/BTEX	Metals	VOCs	Others	
0.5	78 			0 78.14 0.1 78.04		ASPHALT FILL - gravel, some sand, grey, dry, loose	SS1		100	NM	NM						
1.0	- - 77 -						SS2		100	< 5 ppm	<1 ppm						
2.0	- - - 76			1.8 76.34		SAND - trace gravel, damp, brown, loose/soft	SS3		100	<5 ppm	<1 ppm						
2.5	1 1 1						SS4		100	NM	NM						
3.0	– 75 -	<u></u>		3.1 75.04		- saturated, some silt	BH22-05		100	< 5 ppm	<1 ppm	✓	✓	✓	✓	✓	Other: pH, Grain Size Groundwater level measure
4.0	- - - 74	74.70		3.5 74.64		BEDROCK - limestone											on May 3, 2022.
4.5	-																
5.0	- -73																
5.5 6.0	-																
	- 72				1//×	End of Borehole at 6.1 m.	4	1									



Page 1 of 2 **BH/MW22-06**

DST Project No. **02202032**

Client Canadian Tire Real Estate Limited

Project Phase II Environmental Site Assessment

Address CTR 290 - 1660 Carling Avenue. Ottawa

Date April 26, 2022

Method Hollow Stem Auger with Direct Push/Air Hammer

Diameter ID 7.6 cm

Coordinates **5025310** m N, **441429** m E

	(m)	(m) le	on	(E)		Material Description		ed	Recov.	CCG) / PID		alysis		ratory a	ınalysis	Remarks
Depth (m)	Elevation (m)	Water level (m)	Well construction	<i>Depth (m)</i> Elevation (m)	Symbol		Sample #	Sample Type	% Sample Recov.	CCGD	PID	PAHs	PHC/BTEX	Metals	VOCs	Others	
0.5	- 78 -			0 78.15 0.1 78.05		ASPHALT FILL - sandy gravel, grey/brown, damp, firm	SS1		100	NM	NM						
1.0	- -77						BH22-06		100	5 ppm	<1 ppm	~	~	~	~	✓	
2.0	- - - 76			1.5 76.65		Sand - trace gravel, light brown, damp, soft	SS2		100	NM	NM						
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 measure on May 3, 2022.
4.0	- - - 74			3.5 74.65		BEDROCK - limestone											
4.5	-																
2.5 2.5 3.0 3.5 4.0 4.5 5.0	- -73 -																
-6.0	- - -72																

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CTR 290 - 1660 Carling Avenue, Ottawa Phase II Environmental Site Assessment Sample # Sample Type % Sample Recov Surface Elevation CCGD Diameter CCGD / PID Method 78.15 April 26, 2022 Hollow Stem Auger with Direct Push/Air Hammer 5025310 m N, 441429 m ID 7.6 cm PID Analysis PAHs PHC/BTEX Metals VOCs Others Remarks