

# 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<br>(as recorded)   | Number<br>of Wells                                  | Well<br>Construction<br>Period | Ground<br>Elevation<br>(masl) | Groundwater<br>Elevation<br>(masl)                         | Water Found<br>Depth (mbgs) | Water Found<br>Elevation (masl) | Well<br>Completion<br>Material                  |  |  |  |  |  |  |  |  |
| Water Supply  | 39  | 1949 - 1964                    | Min - 74.4<br>Max – 79.7      | Min – 68.9<br>Max – 78.1                                   | Min – 3.9<br>Max – 64.0     | Min – 72.4<br>Max – 13.2        | All of the wells<br>are completed in<br>bedrock |  |  |  |  |  |  |  |  |
| Non-water<br>supply wells<br>(test wells,<br>observation<br>wells,<br>monitoring<br>wells,<br>abandoned<br>wells and<br>unspecified<br>wells) | 559   | 2006 - 2016                    | Min – 67.6<br>Max – 82.0      | No<br>groundwater<br>elevation<br>information<br>available | No information<br>available | No information<br>available     | No information<br>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        |                                    |                                    |                                       |                                    |  |  |  |  |  |  |  |  |  |
|---------|--|------------------------------------|------------------------------------|---------------------------------------|------------------------------------|--|--|--|--|--|--|--|--|--|
|         | Coologie Material et Conservad                                 | Geotechnical Ir<br>August 200      |                                    | Phase II ESA<br>May 2022, Englobe     |                                    |  |  |  |  |  |  |  |  |  |
| Well ID | Geologic Material at Screened<br>Interval                      | Ground Surface<br>Elevation (masl) | Groundwater<br>Elevation<br>(masl) | Ground Surface<br>Elevation<br>(masl) | Groundwater<br>Elevation<br>(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,<br>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,<br>moist, compact to dense | 77.8                               | DRY up to 74.8                     |                                       |                                    |  |  |  |  |  |  |  |  |  |
| MW G7   | Till silty sand, some gravel, grey,<br>moist, compact to dense | 78.0                               | DRY up to 74.8                     |                                       |                                    |  |  |  |  |  |  |  |  |  |
| MW G8   | Till silty sand, some gravel, grey,<br>moist, compact to dense | 78.0                               | 75.8                               |                                       |                                    |  |  |  |  |  |  |  |  |  |
| MW G11  | Till silty sand, some gravel, grey,<br>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<br>August 200      |                                    | Phase II ESA<br>May 2022, Englobe     |                                    |  |  |  |  |  |  |  |  |  |
|         | Geologic Material at Screened<br>Interval               | Ground Surface<br>Elevation (masl) | Groundwater<br>Elevation<br>(masl) | Ground Surface<br>Elevation<br>(masl) | Groundwater<br>Elevation<br>(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 <sup>TM</sup> , floclog <sup>TM</sup> 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 <sup>TM</sup> 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.** 

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Earth & Environment

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Earth & Environment



## 11 References

Chapman, L.J. and Putnam, D.F. (2007). Physiography of Southern Ontario, 3rd Edition, Ontario Geological Survey.

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

Ministry of Northern Development, Mines, Natural Resources and Forestry, OGS Earth. Retrieved from: <a href="https://www.geologyontario.mndm.gov.on.ca/ogsearth.html">https://www.geologyontario.mndm.gov.on.ca/ogsearth.html</a>

Rideau Valley Conservation Authority, RVCA GIS Maps, Map of A Property, accessed to the website in March 2022: https://www.rvca.ca/regulations-planning/map-a-property



## **Figures**





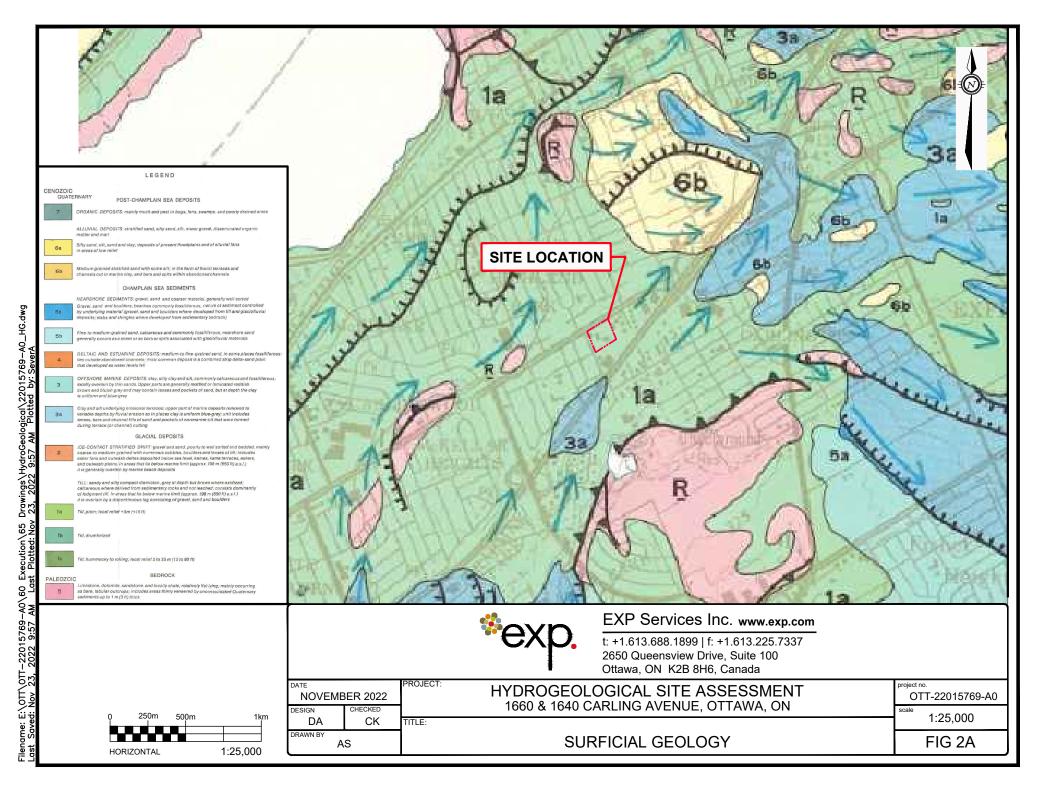




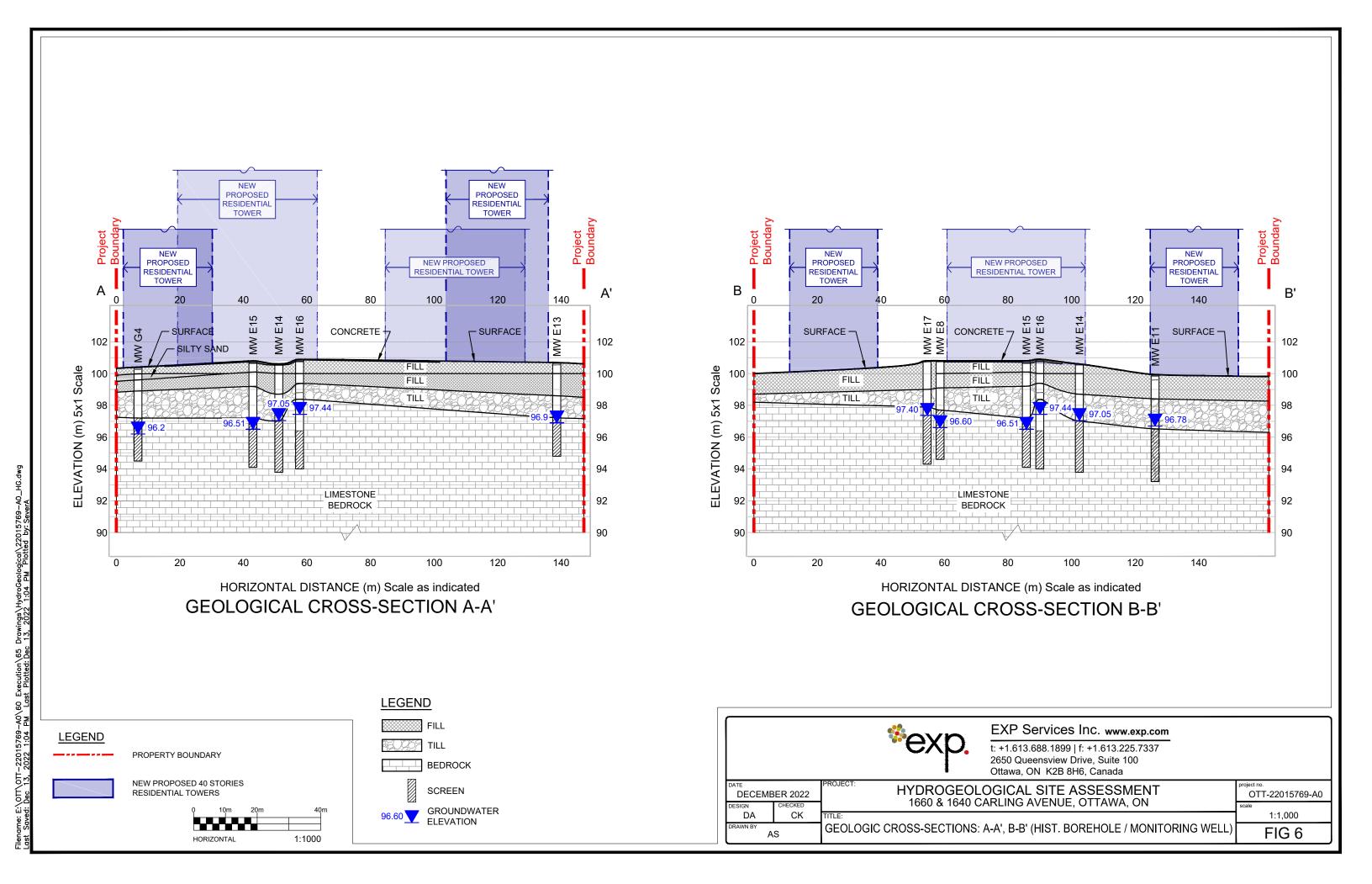




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Appendix A – MECP WWR



Record Count 4

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

| 150396 | 33                    | Lot 029 Conc 01   | 0  | TTAWA CITY (NEF         | PEAN) / OTTAWA-CARI     | LETON                      |              | Flowing? N                            |                        |                                      |                                     |  |
|--------|-----------------------|---|--|-------------------------|-------------------------|----------------------------|--------------|---------------------------------------|------------------------|--------------------------------------|-------------------------------------|--|
|        | 5/1949<br><b>MMYY</b> | Elev 77.5 (masl) Well_Depth_m: 88.3919982910156             | Easting 441251<br>UTM RC 9                 | Northing<br>unknown UTM | 5025422                 |                            |              | SWL<br>Pumping WL<br>Pump Rate        | 8.5<br>27.4<br>9.1     | (mbgs)<br>(mbgs)<br>(LPM)            | 68.9 (masl)<br>50.0 (masl)<br>2 / 0 |  |
|        |                       | / Domestic  | Water Supply                               |                         | Depth (m)               | Elev (masl)                |              | Spec. Cap.                            | 0.48                   | (LPM/m)                              | Hr / Min                            |  |
|        |                       | Water Found 45.7 (mbgs) Street Town/City                    | 31.7 (masl)                                | FRESH                   | 0.0                     | 77.5                       | Color        |                                       |                        | Soil Descri                          | ptions                              |  |
|        |                       |   |  |                         | 1.5                     | 75.9                       |              |                                       | UM SAND /<br>UM SAND / | GRAVE<br>GRAVE                       |                                     |  |
|        |                       |   |  |                         | 29.0                    | 48.5                       | BLUE<br>BLUE |                                       | SHALE /                |                                      | <br>!<br>!                          |  |
|        |                       |   |  |                         | 61.0                    | 16.5                       | WHITE        |                                       | MESTONE /              |                                      | ,<br>,                              |  |
|        |                       |   |  |                         | 88.4                    | -10.9                      |              |                                       | MESTONE /              |                                      | <i>I I</i>                          |  |
| 150396 | 69                    | Lot 031 Conc 01   | 0  | TTAWA CITY (NEF         | PEAN) / OTTAWA-CARI     | LETON                      |              | Flowing? N<br>SWL                     | 4.0                    | (mbgs)                               | 72.4 (masl)                         |  |
|        | 1/1949<br><b>MMYY</b> | Elev 76.3 (masl) Well_Depth_m: 23.7744007110596  / Domestic | Easting 441721<br>UTM RC 9<br>Water Supply | Northing<br>unknown UTM | 5025782                 |                            |              | Pumping WL<br>Pump Rate<br>Spec. Cap. | 5.5<br>13.6<br>8.95    | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 70.9 (masl)<br>1 / 0<br>Hr / Min    |  |
|        |                       | Water Found 23.8 (mbgs) Street Town/City                    | 52.6 (masl)                                | FRESH                   | <b>Depth (m)</b><br>0.0 | Elev (masl)<br>76.3        | Color        |                                       |                        | Soil Descri                          | ptions                              |  |
|        |                       |   |  |                         | 5.8                     | 70.6                       | BLUE<br>BLUE |                                       | CLAY /                 |                                      | <i>I I</i>                          |  |
|        |                       |   |  |                         | 23.8                    | 52.6                       | BLUE<br>BLUE |                                       | MESTONE /              |                                      | ,<br>,<br>,                         |  |
| 150790 | 08                    | Lot Conc  |  | OTTAWA                  | CITY / OTTAWA-CARI      | LETON                      |              | Flowing? N                            |                        |                                      |                                     |  |
|        | 4/1951<br><b>MMYY</b> | Elev 78.7 (masl) Well_Depth_m: 18.8976001739502             | Easting 4411111<br>UTM RC 9                | Northing<br>unknown UTM | 5025142                 |                            |              | SWL<br>Pumping WL<br>Pump Rate        | 0.9<br>6.1<br>18.2     | (mbgs)<br>(mbgs)<br>(LPM)            | 77.8 (masl)<br>72.6 (masl)<br>2 / 0 |  |
|        |                       | / Domestic  | Water Supply                               |                         | Depth (m)               | Elev (masl)                |              | Spec. Cap.                            | 3.51                   | (LPM/m)                              | Hr / Min                            |  |
|        |                       | Water Found 17.7 (mbgs) Street Town/City                    | 61.0 (masl)                                | FRESH                   | 0.0                     | 78.7                       | Color        |                                       |                        | Soil Descri                          | ptions                              |  |
|        |                       |   |  |                         | 0.9<br>18.9             | 77.8<br>59.8               |              | LIN                                   | CLAY /<br>MESTONE /    | SHALE                                | /<br>E /                            |  |
| 150796 | 35                    | Lot Conc  |  | OTTAWA                  | CITY / OTTAWA-CARI      | LETON                      |              | Flowing? N<br>SWL                     | 3.7                    | (mbgs)                               | 72.3 (masl)                         |  |
|        | /1950<br><b>MMYY</b>  | Elev 75.9 (masl) Well_Depth_m: 17.0687999725342             | Easting 440991<br>UTM RC 9                 | Northing<br>unknown UTM | 5025232                 |                            |              | Pumping WL<br>Pump Rate<br>Spec. Cap. | 4.5                    | (mbgs)<br>(LPM)<br>(LPM/m)           | (masl)<br>0 / 30<br>Hr / Min        |  |
|        |                       | / Domestic  Water Found 16.2 (mbgs)  Street Town/City       | Water Supply<br>59.8 (masl)                | FRESH                   | <b>Depth (m)</b><br>0.0 | <b>Elev (masl)</b><br>75.9 | Color        | эроо. Оар.                            |                        | Soil Descri                          |                                     |  |
|        |                       |   |  |                         | 1.2                     | 74.7                       |              |                                       | CLAY /                 |                                      | 1                                   |  |
|        |                       |   |  |                         | 17.1                    | 58.9                       | BLACK        |                                       | ROCK /                 |                                      | /                                   |  |

| Well F           | Record #                   |  |                                       |                         | Based on Ministry of B  | Environment Wa             | ter Well In  | formation Dat                  | abase Dec                    | ember 31, 2                          | 016, available on                               |
|------------------|----------------------------|--|---------------------------------------|-------------------------|-------------------------|----------------------------|--------------|--------------------------------|------------------------------|--------------------------------------|---|
| 1507972 Lot Conc |                            |  |                                       | OTTAWA                  | A CITY / OTTAWA-CAR     | LETON                      |              | Flowing? N                     |                              |                                      |   |
| Date             | 12/5/1950<br><b>DDMMYY</b> | Elev 76.1 (masl) Well_Depth_m: 17.373600006103     | <b>Easting</b> 441731 <b>UTM RC</b> 9 | Northing unknown UTM    | 5025662                 |                            |              | SWL<br>Pumping WL<br>Pump Rate | 0.9<br>36.4                  | (mbgs)<br>(mbgs)<br>(LPM)            | 75.2 (masl)<br>(masl)<br>1 / 0                  |
|                  |                            | / Domestic Water Found 12.2 (ml Street Town/City   | Water Supply<br>gs) 63.9 (masl)       | FRESH                   | <b>Depth (m)</b><br>0.0 | <b>Elev (masl)</b><br>76.1 | Color        | Spec. Cap.                     |                              | (LPM/m) Soil Descr                   | Hr / Min<br>iptions                             |
|                  |                            | ,  |                                       |                         | 1.5                     | 74.5                       |              |                                | SILT /                       |                                      | <i>I I</i>                                      |
|                  |                            |  |                                       |                         | 17.4                    | 58.7                       |              |                                | SILT /<br>ROCK /<br>ROCK /   |                                      | /<br>/<br>/                                     |
| 15               | 507994                     | Lot Conc   |                                       | OTTAWA                  | A CITY / OTTAWA-CAR     | LETON                      |              | Flowing? N                     | 110 011 7                    |                                      | <u> </u>  |
| Date             | 4/12/1953<br>DDMMYY        | Elev 76.1 (masl) Well_Depth_m: 20.116800308227     | <b>Easting</b> 441731 <b>UTM RC</b> 9 | Northing unknown UTM    | 5025662                 |                            |              | SWL<br>Pumping WL<br>Pump Rate | 2.1<br>4.6<br>27.3           | (mbgs)<br>(mbgs)<br>(LPM)            | 73.9 (masl)<br>71.5 (masl)<br>1 / 0             |
|                  |                            | / Domestic Water Found 18.3 (ml Street Town/City   | Water Supply<br>gs) 57.8 (masl)       | FRESH                   | <b>Depth (m)</b><br>0.0 | <b>Elev (masl)</b> 76.1    | Color        | Spec. Cap.                     | 11.19                        | (LPM/m) Soil Descr                   | Hr / Min<br>iptions                             |
|                  |                            |  |                                       |                         | 2.1                     | 73.9                       |              |                                | TOPSOIL /                    | MEDIUM MEDIUM                        |   |
|                  |                            |  |                                       |                         | 4.3                     | 71.8                       |              |                                | SHALE /                      | 3                                    | /<br>/  |
|                  |                            |  |                                       |                         | 20.1                    | 56.0                       | BLUE<br>BLUE |                                | MESTONE /                    |                                      | /   |
| 15               | 508001                     | Lot Conc   |                                       | OTTAWA                  | CITY / OTTAWA-CAR       | LETON                      |              | Flowing? N                     | 40.0                         | (b)                                  | 05.0 (- 1)                                      |
| Date             | 4/12/1956<br><b>DDMMYY</b> | Elev 77.1 (masl) Well_Depth_m: 76.200004577636     |                                       | Northing<br>unknown UTM | 5025507                 |                            |              | Pumping WL Pump Rate           | 12.2<br>19.5<br>54.6<br>7.46 | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 65.0 (masl)<br>57.6 (masl)<br>2 / 0<br>Hr / Min |
|                  |                            | / Commerical Water Found 76.2 (ml Street Town/City | Water Supply<br>gs) 0.9 (masl)        | FRESH                   | <b>Depth (m)</b><br>0.0 | <b>Elev (masl)</b><br>77.1 | Color        | Spec. Cap.                     | 7.40                         | Soil Descr                           |   |
|                  |                            |  |                                       |                         |                         |                            |              |                                |                              |                                      |   |

| 1508035 |                            | Lot                             | Conc                               |  |                                |                 | OTTAWA                  | CITY / OTTAWA-CARLETON  |     |                            |                                | Flowing? N |                           |                     |                          |       |
|---------|----------------------------|---------------------------------|------------------------------------|--|--------------------------------|-----------------|-------------------------|-------------------------|-----|----------------------------|--------------------------------|------------|---------------------------|---------------------|--------------------------|-------|
| Date    | 5/27/1950<br><b>DDMMYY</b> | Elev<br>Well_Depth_m            | 77.6 (masl)<br>n: 15.2399997711182 |  | Easting 441471<br>UTM RC 9 unl |                 | Northing<br>unknown UTM | 5025702                 |     |                            | SWL<br>Pumping WL<br>Pump Rate | 2.7<br>4.6 | (mbgs)<br>(mbgs)<br>(LPM) | 74.8<br>73.0        | (masl)<br>(masl)<br>/ 10 |       |
|         |                            | Water Fou<br>Stree<br>Town/City | t                                  |  | Water Su<br>) 62.3             | upply<br>(masl) | FRESH                   | <b>Depth (m)</b><br>0.0 | ` ' | <b>Elev (masl)</b><br>77.6 | Color                          | Spec. Cap. |                           | (LPM/m) Soil Descri |                          | / Min |
|         |                            |                                 |                                    |  |                                |                 |                         | 15.2                    | 2   | 62.3                       |                                | LIM        | ESTONE                    | /                   |                          | /     |

76.2

0.9

LIMESTONE /

| Well F | Record #                   |  |  |                         | Based on Ministry of E         | Environment Wa             | ater Well Information Dat                     | abase Dec                           | ember 31, 20                         | 016, available online.                     |
|--------|----------------------------|--|--|-------------------------|--------------------------------|----------------------------|---|-------------------------------------|--------------------------------------|--|
| 15     | 508036                     | Lot Conc   |  | OTTAWA                  | CITY / OTTAWA-CAR              | LETON                      | Flowing? N                                    |                                     |                                      |  |
| Date   | 11/9/1951<br><b>DDMMYY</b> | Elev 77.2 (masl) Well_Depth_m: 30.4799995422363                    | Easting 441441<br>UTM RC 9                 | Northing unknown UTM    | 5025622                        |                            | SWL<br>Pumping WL<br>Pump Rate                | 3.0<br>4.6<br>18.2                  | (mbgs)<br>(mbgs)<br>(LPM)            | 74.2 (masl)<br>72.6 (masl)<br>0 / 30       |
|        |                            | / Domestic Water Found 18.3 (mbgs) Street Town/City                | Water Supply<br>58.9 (masl)                | FRESH                   | <b>Depth (m)</b><br>0.0        | Elev (masl)<br>77.2        | Spec. Cap.                                    | 11.93                               | (LPM/m) Soil Descrip                 | Hr / Min<br>otions                         |
|        |                            |  |  |                         | 0.6<br>30.5                    | 76.6<br>46.7               |   | TOPSOIL /                           |                                      | 1  |
| 15     | 508037                     | Lot Conc   |  | OTTAWA                  | A CITY / OTTAWA-CAR            |                            | Flowing? N                                    | ILSTONE /                           |                                      | ,  |
| Date   | 11/6/1952<br>DDMMYY        | Elev 79.3 (masl) Well_Depth_m: 16.1543998718262                    | Easting 441681<br>UTM RC 9                 | Northing<br>unknown UTM | 5025132                        |                            | SWL<br>Pumping WL<br>Pump Rate                | 2.1<br>31.8                         | (mbgs)<br>(mbgs)<br>(LPM)            | 77.2 (masl)<br>(masl)<br>1 / 0<br>Hr / Min |
|        |                            | Domestic / Commerical Water Found 12.2 (mbgs) Street Town/City     | Water Supply<br>67.2 (masl)                | FRESH                   | <b>Depth (m)</b><br>0.0        | <b>Elev (masl)</b><br>79.3 | Spec. Cap.                                    |                                     | (LPM/m) Soil Descrip                 |  |
|        |                            |  |  |                         | 0.9                            | 78.4                       |   | CLAY /<br>CLAY /<br>CLAY /          | MEDIUM S<br>MEDIUM S<br>MEDIUM S     | AND / STONES                               |
|        |                            |  |  |                         | 2.1                            | 77.2                       |   | ROCK /<br>ROCK /                    |                                      | /<br>/                                     |
|        |                            |  |  |                         | 16.2                           | 63.2                       | LIM   | MESTONE /<br>MESTONE /<br>MESTONE / |                                      | /<br>/<br>/                                |
| 15     | 508038                     | Lot Conc   |  | OTTAWA                  | CITY / OTTAWA-CAR              | LETON                      | Flowing? N                                    |                                     |                                      |  |
| Date   | 9/22/1953<br><b>DDMMYY</b> | Elev   77.4 (masl)   Well_Depth_m: 20.1168003082275   / Commerical | Easting 441391<br>UTM RC 9<br>Water Supply | Northing<br>unknown UTM | 5025722<br>Depth (m)           | Elev (masi)                | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.  | 4.6                                 | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 72.9 (masl)<br>(masl)<br>/<br>Hr / Min     |
|        |                            | Water Found 20.1 (mbgs) Street Town/City                           | 57.3 (masl)                                | FRESH                   | 0.0                            | 77.4                       | Color   |                                     | Soil Descrip                         | otions                                     |
|        |                            |  |  |                         | 2.4                            | 75.0                       | NAVI UTE                                      | CLAY /                              |                                      | /  |
| 4.     | 00000                      | 1.4 0  |  | OTT AVAIL               | 20.1                           | 57.3                       | WHITE LIM                                     | IESTONE /                           |                                      | /  |
| Date   | 4/26/1954<br>DDMMYY        | Lot Conc  Elev 78.1 (masl)  Well_Depth_m: 20.7264003753662         | <b>Easting</b> 441531 <b>UTM RC</b> 9      | Northing unknown UTM    | A CITY / OTTAWA-CAR<br>5025347 | LE I UN                    | Flowing / N<br>SWL<br>Pumping WL<br>Pump Rate | 1.8<br>7.6<br>31.8                  | (mbgs)<br>(mbgs)<br>(LPM)            | 76.3 (masl)<br>70.5 (masl)<br>2 / 0        |
|        |                            | / Domestic  Water Found 19.8 (mbgs)  Street Town/City              | Water Supply<br>58.3 (masl)                | FRESH                   | <b>Depth (m)</b><br>0.0        | <b>Elev (masl)</b><br>78.1 | Spec. Cap.                                    | 5.49                                | (LPM/m) Soil Descrip                 | Hr / Min                                   |

20.7

72.0

57.4

CLAY /

LIMESTONE /

| Well Record          | #  |  |                                 | Based on Ministry of E       | Environment Wa | ater Well Information Dat                    | abase Dec                   | ember 31, 20                         | 16, available online.                            |
|----------------------|--|--|---------------------------------|------------------------------|----------------|--|-----------------------------|--------------------------------------|--|
| 1508040              | Lot Conc   |  | OTTAWA                          | A CITY / OTTAWA-CARI         | LETON          | Flowing? N                                   |                             |                                      |  |
| Date 10/26/1         | ` ,  | Easting 441371<br>UTM RC 9<br>Water Supply | Northing<br>unknown UTM         | 5025122  Depth (m)           | Elev (masi)    | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. | 1.8<br>38.1<br>31.8<br>0.88 | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 76.5 (masl)<br>40.3 (masl)<br>0 / 40<br>Hr / Min |
|                      | Water Found 75.6 (mbgs) Street Town/City                               | 2.8 (masl)                                 | FRESH                           | 0.0                          | 78.4           | Color  |                             | Soil Descrip                         | otions   |
|                      |  |  |                                 | 1.8                          | 76.5           |  | TOPSOIL /                   |                                      | 1  |
| 1508069              | Lot Conc   |  | OTTAWA                          | 76.5<br>A CITY / OTTAWA-CARI | 1.9            | Flowing? N                                   | MESTONE /                   |                                      | /  |
| Date 4/23/19         | 960 <b>Elev</b> 77.2 (masl)  | Easting 441571<br>UTM RC 5                 | Northing<br>margin of error : 1 | 5025432                      | LLTON          | SWL<br>Pumping WL<br>Pump Rate               | 4.6<br>48.8<br>4.5          | (mbgs)<br>(mbgs)<br>(LPM)            | 72.6 (masl)<br>28.4 (masl)<br>4 / 0              |
|                      | / Cooling And A/C  |  |                                 | Depth (m)                    | Elev (masl)    | Spec. Cap.                                   | 0.10                        | (LPM/m)                              | Hr / Min   |
|                      | Water Found 64.0 (mbgs) Street Town/City                               | 13.2 (masl)                                | FRESH                           | 0.0                          | 77.2           | Color  |                             | Soil Descrip                         | otions   |
|                      |  |  |                                 | 0.9                          | 76.3           |  | FILL /                      |                                      | 1  |
|                      |  |  |                                 | 64.0                         | 13.2           |  | MESTONE /                   |                                      |  |
| 1508300              | Lot Conc   |  | OTTAWA                          | A CITY / OTTAWA-CARI         | LETON          | Flowing? N<br>SWL                            | 4.3                         | (mbgs)                               | 71.0 (masl)                                      |
| Date 2/10/19<br>DDMM |  | Easting 440986<br>UTM RC 9                 | Northing<br>unknown UTM         | 5025247                      |                | Pumping WL<br>Pump Rate                      | 4.3                         | (mbgs)<br>(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 Descrip                         | otions   |
|                      |  |  |                                 | 1.5                          | 73.8           |  | TOPSOIL / TOPSOIL /         |                                      | /<br>/<br>/                                      |
|                      |  |  |                                 | 21.3                         | 54.0           | LIN<br>LIN                                   | MESTONE /<br>MESTONE /      |                                      | !<br>!   |
| 1508301              | Lot Conc   |  | OTTAWA                          | A CITY / OTTAWA-CARI         | LETON          | Flowing? N                                   |                             |                                      |  |
| Date 10/7/19<br>DDMM | 950 <b>Elev</b> 75.3 (masl)  IYY <b>Well_Depth_m:</b> 28.0416011810303 | Easting 440986<br>UTM RC 9                 | Northing<br>unknown UTM         | 5025247                      |                | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. | 2.7<br>3.7<br>36.4<br>39.77 | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 72.5 (masl)<br>71.6 (masl)<br>1 / 0<br>Hr / Min  |
|                      | / Domestic  Water Found 15.2 (mbgs)                                    | Water Supply<br>60.0 (masl)                | FRESH                           | Depth (m)                    | Elev (masl)    |  | 00.77                       | ,                                    |  |
|                      | Street<br>Town/City  | 33.3                                       |                                 | 0.0                          | 75.3           | Color  |                             | Soil Descrip                         | otions   |
|                      |  |  |                                 | 0.6                          | 74.7           |  | SILT /<br>SILT /<br>SILT /  |                                      | /<br>/<br>/                                      |
|                      |  |  |                                 | 1.8                          | 73.5           |  | SHALE /<br>SHALE /          |                                      | /<br>/<br>/                                      |
|                      |  |  |                                 | 28.0                         | 47.2           |  | MESTONE /                   |                                      | !<br>!   |

| Well Record        | d#      |                                   |                                 |                             |                     | Based on M    | inistry of E     | Environment Wa             | ater Well In | formation Dat                  | abase Dec           | ember 31,                 | 2016, availab    | le online.           |
|--------------------|---------|-----------------------------------|---------------------------------|-----------------------------|---------------------|---------------|------------------|----------------------------|--------------|--------------------------------|---------------------|---------------------------|------------------|----------------------|
|                    |         |                                   |                                 |                             |                     |               | 28.0             | 47.2                       |              | LIN                            | MESTONE /           |                           | 1                |                      |
| 1508302            | )2      | Lot                               | Conc                            |                             | OTTAW               | A CITY / OTT  | AWA-CAR          | LETON                      |              | Flowing? N                     |                     |                           |                  |                      |
| Date 12/27/        |         | Elev<br>Well_Depth_m:             | 74.5 (masl)<br>23.7744007110596 | Easting 44093<br>UTM RC 9   | ·                   | 5025382       |                  |                            |              | SWL<br>Pumping WL<br>Pump Rate | 4.6<br>7.6<br>22.7  | (mbgs)<br>(mbgs)<br>(LPM) | ,                | nasl)<br>nasl)<br>60 |
|                    |         | Water Foun                        | / Domestic d 23.8 (mbgs)        | Water Supply 50.7 (masl)    | FRESH               |               | Depth (m)<br>0.0 | Elev (masl)<br>74.5        | Color        | Spec. Cap.                     | 7.46                | (LPM/m) Soil Desc         | Hr / Mi          | in                   |
|                    |         | Street<br>Town/City               | , ,                             | , ,                         |                     |               | 0.0              | 74.5                       | Color        |                                |                     | Soli Desc                 | riptions         |                      |
|                    |         |                                   |                                 |                             |                     |               | 4.0<br>23.8      | 70.5<br>50.7               |              | LIN                            | CLAY /<br>MESTONE / |                           | <i>1</i>         |                      |
| 1508303            | 13      | Lot                               | Conc                            |                             | OTTAW               | A CITY / OTT  | AWA-CAR          | LETON                      |              | Flowing? N                     |                     |                           |                  |                      |
| Date 5/30/         |         | Elev                              | 76.2 (masl)<br>16.7639999389648 | Easting 44103               | _                   | 5025262       |                  |                            |              | SWL<br>Pumping WL              | 1.8<br>3.0          | (mbgs)<br>(mbgs)          | 73.2 (r          | nasl)<br>nasl)       |
| DDIWI              | /IIVI I | weii_Deptii_iii.                  |                                 |                             | UIIKIIOWII O I M    |               |                  |                            |              | Pump Rate<br>Spec. Cap.        | 31.8<br>26.10       | (LPM)<br>(LPM/m)          | 0 / 3<br>Hr / Mi |                      |
|                    |         | Water Foun                        | / Domestic<br>d 16.8 (mbgs)     | Water Supply<br>59.5 (masl) | FRESH               |               | 0.0<br>0.0       | Elev (masl)<br>76.2        | Color        | орес. Сар.                     | 20.10               | Soil Desc                 |                  |                      |
|                    |         | Street<br>Town/City               |                                 |                             |                     |               |                  |                            |              |                                |                     |                           |                  |                      |
|                    |         |                                   |                                 |                             |                     |               | 0.9<br>16.8      | 75.3<br>59.5               |              | LIN                            | CLAY /<br>MESTONE / |                           | 1                |                      |
| 1508419            | 9       | Lot                               | Conc                            |                             | OTTAW               | A CITY / OTT  | AWA-CAR          | LETON                      |              | Flowing? N                     |                     |                           |                  |                      |
| Date 11/24/        | 1/1954  | Elev                              | 79.6 (masl)                     | Easting 44191               | 1 Northing          | 5025282       |                  |                            |              | SWL<br>Pumping WL              | 3.0<br>7.6          | (mbgs)<br>(mbgs)          | ,                | nasl)<br>nasl)       |
| DDM                | MYY     | Well_Depth_m:                     | 18.2880001068115                | UTM RC 5                    | margin of error : 1 | 100 m - 300 m |                  |                            |              | Pump Rate                      | 31.8                | (LPM)                     | 2 / 0            | ,                    |
|                    |         |                                   | / Commerical                    | Water Supply                |                     |               | Depth (m)        | Elev (masl)                |              | Spec. Cap.                     | 6.96                | (LPM/m)                   | Hr / M           | in                   |
|                    |         | Water Foun<br>Street<br>Town/City | <b>d</b> 18.3 (mbgs)            | 61.3 (masl)                 | FRESH               |               | 0.0              | 79.6                       | Color        |                                |                     | Soil Desc                 | riptions         |                      |
|                    |         |                                   |                                 |                             |                     |               | 5.2              | 74.4                       |              |                                | CLAY /              |                           | /                |                      |
|                    |         |                                   |                                 |                             |                     |               | 18.3             | 61.3                       |              | LIN                            | MESTONE /           |                           | 1                |                      |
| 1508420            | 20      | Lot                               | Conc                            |                             | OTTAW               | A CITY / OTT  | AWA-CAR          | LETON                      |              | Flowing? N                     |                     |                           |                  |                      |
| <b>Date</b> 2/16/  | /1955   | Elev                              | 79.7 (masl)                     | Easting 44182               | 1 Northing          | 5025242       |                  |                            |              | SWL                            | 1.5                 | (mbgs)                    | ,                | nasl)                |
| DDM                |         |                                   | 19.8120002746582                | UTM RC 5                    | _                   |               |                  |                            |              | Pumping WL<br>Pump Rate        | 3.0<br>36.4         | (mbgs)<br>(LPM)           | 76.6 (r<br>2 / 0 | nasl)<br>ı           |
|                    |         |                                   | / Commerical                    | Water Supply                |                     | _             |                  |                            |              | Spec. Cap.                     | 23.86               | (LPM/m)                   | Hr / Mi          |                      |
|                    |         | Water Foun<br>Street              |                                 | 59.9 (masl)                 | FRESH               | [             | 0.0              | <b>Elev (masl)</b><br>79.7 | Color        |                                |                     | Soil Desc                 | riptions         |                      |
|                    |         | Town/City                         |                                 |                             |                     |               |                  |                            |              |                                |                     |                           |                  |                      |
|                    |         |                                   |                                 |                             |                     |               | 3.7              | 76.0                       |              |                                | FILL /              |                           | 1                |                      |
|                    |         |                                   |                                 |                             |                     |               | 19.8             | 59.9                       |              |                                | MESTONE /           |                           | 1                |                      |
| 1508437            | 37      | Lot                               | Conc                            |                             | OTTAW               | A CITY / OTT  | AWA-CAR          | LETON                      |              | Flowing? N                     |                     | (mala ma)                 | 76.4             | I\                   |
| <b>Date</b> 11/14/ | 4/1963  | Elev                              | 79.5 (masl)                     | Easting 44153               | 1 Northing          | 5025062       |                  |                            |              | SWL<br>Pumping WL              | 3.0<br>61.0         | (mbgs)<br>(mbgs)          | ,                | nasl)<br>nasl)       |
| DDM                | /MYY    | Well_Depth_m:                     | 60.9599990844727                | UTM RC 5                    | margin of error : 1 | 100 m - 300 m |                  |                            |              | Pump Rate                      | 18.2                | (LPM)                     | 2 / 0            | ,                    |
|                    |         |                                   | / Commerical                    | Water Supply                |                     | _             | N4h- (           | Elect 1                    |              | Spec. Cap.                     | 0.31                | (LPM/m)                   | Hr / M           |                      |
|                    |         | Water Foun<br>Street              |                                 | 20.0 (masl)                 | FRESH               | [             | 0.0              | <b>Elev (masl)</b><br>79.5 | Color        |                                |                     | Soil Desc                 | riptions         |                      |
|                    |         | Town/City                         |                                 |                             |                     |               |                  |                            |              |                                |                     |                           |                  |                      |

|                       |   |   |   | Based on Ministry of E                               | invironment wa                          | ter Well Informa                                     | lion Dalabase Del   | cember 31,                                     | 2016, available online.               |
|-----------------------|---|---|---|--|---|--|---|--|---------------------------------------|
|                       |   |   |   | 1.2  | 78.3                                    |  | CLAY /  |  | 1                                     |
|                       |   |   |   | 61.0   | 18.5                                    | GREY   | LIMESTONE /   |  | 1                                     |
| 1508438               | Lot Conc  |   | OTTAWA                                      | A CITY / OTTAWA-CARI                                 | ETON                                    | Flo  | owing? N  |  |                                       |
| Date 4/7/1964         | Elev 79.2 (masl)  | Easting 441591                            | Northing                                    | 5025102  |   |  | <b>SWL</b> 2.4  | (mbgs)   | 76.8 (masl)                           |
| DDMMYY                | Well_Depth_m: 60.9599990844727  | UTM RC 5                                  | margin of error : 1                         |  |   | •  | ng WL 31.7  | (mbgs)   | 47.5 (masl)                           |
|                       | oossassassassassas  | • · · · · · · ·                           |   |  |   |  | p Rate 136.4  | (LPM)  | 1 / 0<br>Hr / Min                     |
|                       | / Commerical  | Water Supply                              |   | Depth (m)  | Elev (masl)                             | Spe  | c. Cap. 4.66  | (LPM/m)  | Hr / Min                              |
|                       | Water Found 7.6 (mbgs)  | ) 71.6 (masl)                             | FRESH                                       | 0.0  | 79.2                                    | Color  |   | Soil Desc                                      | criptions                             |
|                       | Street  |   |   |  |   |  |   |  |                                       |
|                       | Town/City   |   |   |  |   |  |   |  |                                       |
|                       |   |   |   | 1.5  | 77.7                                    |  | CLAY /  |  | 1                                     |
|                       |   |   |   |  |   |  | CLAY /  |  | 1                                     |
|                       |   |   |   | 61.0   | 18.3                                    | GREY   | LIMESTONE /   |  | 1                                     |
|                       |   |   |   |  |   | GREY   | LIMESTONE /   |  | 1                                     |
| 1508924               | Lot Conc  |   | OTTAWA                                      | A CITY / OTTAWA-CARI                                 | LETON                                   | Flo  | owing? N  |  |                                       |
| Date 3/16/1951        | Elev 74.7 (masl)  | Easting 441031                            | Northing                                    | 5025482  |   |  | SWL 1.8   | (mbgs)   | 72.9 (masl)                           |
| DDMMYY                | Well_Depth_m: 18.8976001739502  | UTM RC 9                                  | unknown UTM                                 |  |   | •  | ng WL 3.0<br>p Rate 27.3  | (mbgs)<br>(LPM)                                | 71.6 (masl)<br>0 / 30                 |
|                       |   |   |   |  |   |  | c. Cap. 22.37   | (LPM/m)  | Hr / Min                              |
|                       | / Domestic  | Water Supply                              |   | Depth (m)  | Elev (masl)                             | Ope  | c. Cap. 22.57   | (LI W/III)                                     | 111 / 141111                          |
|                       | Water Found 18.9 (mbgs)   | ) 55.8 (masl)                             | FRESH                                       | 0.0  | 74.7                                    | Color  |   | Soil Desc                                      | criptions                             |
|                       | Street  |   |   |  |   |  |   |  |                                       |
|                       | Town/City   |   |   |  |   |  |   |  |                                       |
|                       |   |   |   | 3.0  | 71.6                                    |  | CLAY /  |  | /                                     |
|                       |   |   |   | 18.9   | 55.8                                    |  | LIMESTONE /   |  |                                       |
| 1508925               | Lot Conc  |   | OTTAWA                                      | A CITY / OTTAWA-CARI                                 | ETON                                    | Flo  | wing? N   |  |                                       |
| Date 4/20/1951        | Elev 75.0 (masl)  | Easting 440851                            | Northing                                    | 5025462  |   |  | <b>SWL</b> 1.5  | (mbgs)   | 73.5 (masl)                           |
| DDMMYY                | Well_Depth_m: 24.3840007781982  | UTM RC 9                                  | unknown UTM                                 | 5025402  |   | •  | ng WL 3.0   | (mbgs)   | 72.0 (masl)                           |
| DD IIIII I            |   | O'III Ito                                 | unknown o m                                 |  |   | Pum  | p Rate  | (LPM)  | /                                     |
|                       |   |   |   |  |   |  | •   | (I DA4/)                                       | LL. / A.C.                            |
|                       | / Domestic  | Water Supply                              |   | Depth (m)  | Elev (masl)                             |  | с. Сар.   | (LPM/m)  | Hr / Min                              |
|                       | / Domestic Water Found 21.3 (mbgs)  |   | FRESH                                       | <b>Depth (m)</b><br>0.0                              | <b>Elev (masl)</b> 75.0                 |  | c. Cap.   | (LPM/m) Soil Desc                              |                                       |
|                       | / Domestic Water Found 21.3 (mbgs)  |   | FRESH                                       |  |   | Spe  | c. Cap.   | , ,  |                                       |
|                       | / Domestic Water Found 21.3 (mbgs)  |   | FRESH                                       |  |   | Spe  | с. Сар.   | , ,  |                                       |
|                       | / Domestic Water Found 21.3 (mbgs)  |   | FRESH                                       |  |   | Spe  | c. <b>Cap</b> .<br>CLAY /   | Soil Desc                                      |                                       |
|                       | / Domestic Water Found 21.3 (mbgs)  |   | FRESH                                       | 2.1<br>3.4   | 75.0<br>72.9<br>71.7                    | Spe  | CLAY /<br>GRAVEL /  | Soil Desc                                      |                                       |
|                       | / Domestic Water Found 21.3 (mbgs)  |   | FRESH                                       | 2.1  | 75.0                                    | Spe  | CLAY /  | Soil Desc                                      |                                       |
| 1510606               | / Domestic Water Found 21.3 (mbgs)  | ) 53.7 (masl)                             |   | 2.1<br>3.4   | 75.0<br>72.9<br>71.7<br>50.6            | Spe<br>Color<br>BLUE                                 | CLAY /<br>GRAVEL /  | Soil Desc                                      |                                       |
|                       | / Domestic Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01  | ) 53.7 (masl)                             | OTTAWA CITY (NEF                            | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI            | 75.0<br>72.9<br>71.7<br>50.6            | Spe-Color  BLUE                                      | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9                    | Soil Desc                                      | / / / / / / / / / / / / / / / / / / / |
| <b>Date</b> 6/17/1949 | / Domestic Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01 Elev 75.9 (masl)   | ) 53.7 (masl) O Easting 440801            | OTTAWA CITY (NEF                            | 2.1<br>3.4<br>24.4                                   | 75.0<br>72.9<br>71.7<br>50.6            | Spec<br>Color<br>BLUE<br>Flo<br>Pumpi                | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL           | Soil Desc<br>(mbgs)<br>(mbgs)                  | 75.0 (masl) (masl)                    |
|                       | / Domestic Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01  | ) 53.7 (masl)                             | OTTAWA CITY (NEF                            | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI            | 75.0<br>72.9<br>71.7<br>50.6            | Sper<br>Color<br>BLUE<br>Fic<br>Pumpi<br>Pum         | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL<br>p Rate | (mbgs)<br>(mbgs)<br>(LPM)                      | 75.0 (masl) (masl) 1 / 0              |
| <b>Date</b> 6/17/1949 | / Domestic Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01 Elev 75.9 (masl)   | ) 53.7 (masl) O Easting 440801            | OTTAWA CITY (NEF<br>Northing<br>unknown UTM | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI<br>5025547 | 75.0<br>72.9<br>71.7<br>50.6<br>LETON   | Sper<br>Color<br>BLUE<br>Fic<br>Pumpi<br>Pum         | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL           | Soil Desc<br>(mbgs)<br>(mbgs)                  | 75.0 (masl) (masl)                    |
| <b>Date</b> 6/17/1949 | / Domestic  Water Found 21.3 (mbgs)  Street Town/City  Lot 030 Conc 01  Elev 75.9 (masl)  Well_Depth_m: 19.5072002410889  | O  Easting 440801  UTM RC 9  Water Supply | OTTAWA CITY (NEF                            | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI            | 75.0<br>72.9<br>71.7<br>50.6            | Sper<br>Color<br>BLUE<br>Fic<br>Pumpi<br>Pum         | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL<br>p Rate | (mbgs)<br>(mbgs)<br>(LPM)                      | 75.0 (masl) (masl) 1 / 0 Hr / Min     |
| <b>Date</b> 6/17/1949 | / Domestic  Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01  Elev 75.9 (masl)  Well_Depth_m: 19.5072002410889  / Domestic  Water Found 18.3 (mbgs) Street | O  Easting 440801  UTM RC 9  Water Supply | OTTAWA CITY (NEF<br>Northing<br>unknown UTM | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI<br>5025547 | 75.0 72.9 71.7 50.6  LETON  Elev (masl) | Spec<br>Color<br>BLUE<br>Flo<br>Pumpi<br>Pum<br>Spec | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL<br>p Rate | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 75.0 (masl) (masl) 1 / 0 Hr / Min     |
| <b>Date</b> 6/17/1949 | / Domestic  Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01 Elev 75.9 (masl) Well_Depth_m: 19.5072002410889 / Domestic Water Found 18.3 (mbgs)            | O  Easting 440801  UTM RC 9  Water Supply | OTTAWA CITY (NEF<br>Northing<br>unknown UTM | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI<br>5025547 | 75.0 72.9 71.7 50.6  LETON  Elev (masl) | Spec<br>Color<br>BLUE<br>Flo<br>Pumpi<br>Pum<br>Spec | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL<br>p Rate | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | 75.0 (masl) (masl) 1 / 0 Hr / Min     |
| <b>Date</b> 6/17/1949 | / Domestic  Water Found 21.3 (mbgs) Street Town/City  Lot 030 Conc 01  Elev 75.9 (masl)  Well_Depth_m: 19.5072002410889  / Domestic  Water Found 18.3 (mbgs) Street | O  Easting 440801  UTM RC 9  Water Supply | OTTAWA CITY (NEF<br>Northing<br>unknown UTM | 2.1<br>3.4<br>24.4<br>PEAN) / OTTAWA-CARI<br>5025547 | 75.0 72.9 71.7 50.6  LETON  Elev (masl) | Spec<br>Color<br>BLUE<br>Flo<br>Pumpi<br>Pum<br>Spec | CLAY /<br>GRAVEL /<br>SHALE /<br>owing? N<br>SWL 0.9<br>ng WL<br>p Rate | (mbgs) (mbgs) (mbgs) (LPM) (LPM/m) Soil Desc   | 75.0 (masl) (masl) 1 / 0 Hr / Min     |

|       | cord #                     |  |   |                                  | Based on Ministry of E     | nvironnient wa             | iter well illiorillation bataba              | ase Dece         | ember 31, 2016,                      | available offillie                        | э. |
|-------|----------------------------|--|---|----------------------------------|----------------------------|----------------------------|--|------------------|--------------------------------------|---|----|
| 1510  | 0608                       | Lot 030 Conc 01  | 0   | TTAWA CITY (NEP                  | PEAN) / OTTAWA-CARI        | ETON                       | Flowing? N                                   |                  |                                      |   |    |
|       | 6/21/1949<br><b>DDMMYY</b> | Elev 76.5 (masl) Well_Depth_m: 20.1168003082275                        | Easting 440786<br>UTM RC 9                    | Northing<br>unknown UTM          | 5025562                    |                            | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. | 1.2              | (mbgs)<br>(LPM)                      | 5.3 (masl)<br>(masl)<br>1 / 0<br>Hr / Min |    |
|       |                            | / Domestic  Water Found 18.9 (mbgs)  Street Town/City                  | Water Supply<br>57.6 (masl)                   | FRESH                            | <b>Depth (m)</b><br>0.0    | <b>Elev (masl)</b><br>76.5 | Spec. Cap.                                   |                  | (LPM/m) Soil Description             |   |    |
|       |                            |  |   |                                  | 3.4                        | 73.1                       |  | DERS /           | CLAY                                 | 1   |    |
| 1510  | 2600                       | Lat 020 Cana 01  | 0   | TTAMA CITY (NED                  | 20.1<br>EAN) / OTTAWA-CARI | 56.4                       | Flowing? N                                   | TONE /           |                                      | 1   |    |
| 1510  |                            | Lot 030 Conc 01  |   | ,                                | •                          | LION                       | SWL  | 1.2              | (mbgs) 7                             | 4.7 (masl)                                |    |
|       | 6/14/1949<br><b>DDMMYY</b> | Elev 75.9 (masl) Well_Depth_m: 19.5072002410889                        | Easting 440801<br>UTM RC 9                    | Northing<br>unknown UTM          | 5025552                    |                            | Pumping WL<br>Pump Rate                      | 1.2              | (LPM)                                | 4.7 (masl)<br>1 / 0                       |    |
|       |                            | / Domestic  Water Found 18.3 (mbgs)  Street Town/City                  | Water Supply<br>57.7 (masl)                   | FRESH                            | <b>Depth (m)</b><br>0.0    | <b>Elev (masl)</b><br>75.9 | Spec. Cap. 9,                                | 999.99           | (LPM/m) Soil Description             | Hr / Min<br>ns                            |    |
|       |                            |  |   |                                  | 3.0<br>19.5                | 72.9<br>56.4               |  | DERS /           | CLAY                                 | /<br>/                                    |    |
| 1536  | 6753                       | Lot Conc   |   | OTTAWA                           | CITY / OTTAWA-CARL         | .ETON                      | Flowing?                                     |                  |                                      |   |    |
| ate 8 | 8/14/2006<br>DDMMYY        | Elev 77.0 (masl) Well_Depth_m: 3.90000009536743                        | Easting 441494<br>UTM RC 3<br>Abandoned-Other | Northing<br>margin of error : 10 |                            |                            | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. |                  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min         |    |
|       |                            | Water Found (mbgs) Street 1607 CARLING AV Town/City OTTAWA             | (masl)  |                                  | <b>Depth (m)</b><br>0.0    | <b>Elev (masl)</b><br>77.0 | Color  |                  | Soil Description                     | ns  |    |
|       |                            |  |   |                                  | 3.9                        | 73.1                       |  |                  |                                      | 1   |    |
| 7043  | 3268                       | Lot Conc   |   | OTTAWA                           | CITY / OTTAWA-CARL         | .ETON                      | Flowing?                                     |                  |                                      | , n                                       |    |
|       | 2/26/2007<br>DDMMYY        | Elev 78.2 (masl) Well_Depth_m: 4.57000017166138                        | Easting 441867<br>UTM RC 3                    | Northing<br>margin of error : 10 | 5025326<br>) - <b>30 m</b> |                            | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. |                  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>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 Description                     | 15  |    |
|       |                            |  |   |                                  | 1.2                        | 77.0                       | BROWN  | FILL /           | GRAVEL                               | 1   |    |
|       |                            |  |   |                                  | 2.4<br>4.0                 | 75.8<br>74.3               | BROWN<br>GREY                                | SAND /<br>SILT / | SILT<br>SAND                         | /<br>/                                    |    |
|       |                            |  |   |                                  | 4.6                        | 73.7                       | GREY   | SILT /           | SAND                                 | 1   |    |
| 7114  | 4836                       | Lot Conc   |   | OTTAWA                           | CITY / OTTAWA-CARL         | ETON                       | Flowing?                                     |                  |                                      |   |    |
| ate   | DDMMYY                     | Elev 77.7 (masl) Well_Depth_m: 5.48640012741089                        | <b>Easting</b> 441393 <b>UTM RC</b> 3         | Northing<br>margin of error : 10 | 5025180<br>0 - <b>30 m</b> |                            | SWL Pumping WL Pump Rate                     |                  | (mbgs)<br>(mbgs)<br>(LPM)            | (masl)<br>(masl)<br>/                     |    |
|       |                            | / Monitoring Water Found (mbgs) Street 861 CLYDE AVE. Town/City Ottawa | Test Hole<br>(masl)                           |                                  | <b>Depth (m)</b><br>0.0    | <b>Elev (masi)</b><br>77.7 | Spec. Cap.<br>Color                          |                  | (LPM/m) Soil Description             | Hr / Min<br>ns                            |    |

Record Count 30

| ell Record # |   |                | Based                       | on Ministry of E | Invironment Wa                       | ater Well Info  | ormation Database Dec   | ember 31, 2016,                         | available online.                    |
|--------------|---|----------------|-----------------------------|------------------|--------------------------------------|---|---|---|--------------------------------------|
|              |   |                |                             | 1.7              | 76.0                                 | BROWN   | FILL /  | GRAVEL                                  | / LOOSE                              |
|              |   |                |                             |                  | 76.1                                 | BROWN   | FILL /  | GRAVEL                                  | / LOOSE                              |
|              |   |                |                             |                  |                                      | BROWN   | FILL /  | GRAVEL                                  | / LOOSE                              |
|              |   |                |                             |                  | 76.0                                 | BROWN   | FILL /  | GRAVEL                                  | / LOOSE                              |
|              |   |                |                             |                  | 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 /   |   | 1                                    |
|              |   |                |                             |                  |                                      | GREY  | LIMESTONE /   |   | ,                                    |
|              |   |                |                             |                  |                                      | GREY  | LIMESTONE /   |   | ,                                    |
|              |   |                |                             |                  |                                      | GREY  |   |   | ,                                    |
|              |   |                |                             |                  |                                      |   | LIMESTONE /   |   | 1                                    |
|              |   |                |                             |                  |                                      | GREY  | LIMESTONE /   |   | 1                                    |
| 7117494      | Lot Conc                                |                | OTTAWA CITY /               | OTTAWA-CARI      | LETON                                |   | Flowing?  |   |                                      |
| 40/4/0000    | []                                      | F41 444400     | Northbroad 50054            | 05               |                                      |   | SWL   | (mbgs)                                  | (masl)                               |
| te 12/4/2008 | Elev 77.7 (masl)                        | Easting 441406 | Northing 50251              | 165              |                                      | F   | Pumping WL  | (mbgs)                                  | (masl)                               |
| DDMMYY       | Well_Depth_m: 3.04800009727478          | UTM RC 3       | margin of error : 10 - 30 m |                  |                                      |   | Pump Rate   | (LPM)                                   | 1                                    |
|              | / Monitoring                            | Test Hole      |                             |                  |                                      |   | Spec. Cap.  | (LPM/m)                                 | Hr / Min                             |
|              | =                                       |                |                             | Depth (m)        | Elev (masl)                          |   |   |   |                                      |
|              | Water Found (mbgs) Street 861 CLYDE AVE | (masl)         |                             | 0.0              | 77.7                                 | Color   |   | Soil Description                        | ns                                   |
|              | Town/City Ottawa                        |                |                             |                  |                                      |   |   |   |                                      |
|              | Townsky Chava                           |                |                             |                  |                                      |   |   |   |                                      |
|              |   |                |                             | 1.2              | 76.4                                 | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  | 76.5                                 | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  | 76.4                                 | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  |                                      | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  |                                      | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  |                                      | BROWN   | SAND /  | SILT                                    | ,                                    |
|              |   |                |                             |                  |                                      |   |   |   | ,                                    |
|              |   |                |                             |                  |                                      | BROWN   | CVND /  |   | 1                                    |
|              |   |                |                             |                  | 76 5                                 | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  | 76.5                                 | BROWN   | SAND /  | SILT                                    | 1                                    |
|              |   |                |                             |                  | 76.5                                 | BROWN<br>BROWN  | SAND /  | SILT<br>SILT                            | 1                                    |
|              |   |                |                             |                  | 76.5                                 | BROWN<br>BROWN<br>BROWN   | SAND /<br>SAND /<br>SAND /  | SILT<br>SILT<br>SILT                    | /<br>/<br>/                          |
|              |   |                |                             |                  | 76.5                                 | BROWN<br>BROWN<br>BROWN   | SAND /<br>SAND /<br>SAND /  | SILT<br>SILT<br>SILT<br>SILT            | /<br>/<br>/<br>/                     |
|              |   |                |                             |                  | 76.5                                 | BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN   | SAND /<br>SAND /<br>SAND /<br>SAND /<br>SAND /  | SILT<br>SILT<br>SILT<br>SILT<br>SILT    | <br>                                 |
|              |   |                |                             |                  | 76.5                                 | BROWN<br>BROWN<br>BROWN   | SAND /<br>SAND /<br>SAND /  | SILT<br>SILT<br>SILT<br>SILT            | <br>   <br>   <br>     <br>          |
|              |   |                |                             |                  | 76.5<br>76.6                         | BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN   | SAND /<br>SAND /<br>SAND /<br>SAND /<br>SAND /  | SILT<br>SILT<br>SILT<br>SILT<br>SILT    | <br>   <br>   <br>   <br>            |
|              |   |                |                             |                  |                                      | BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN   | SAND /<br>SAND /<br>SAND /<br>SAND /<br>SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT | /<br>/<br>/<br>/<br>/<br>/<br>/      |
|              |   |                |                             |                  | 76.6                                 | BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN   | SAND /   | SILT SILT SILT SILT SILT SILT SILT SILT | /<br>/<br>/<br>/<br>/<br>/<br>/<br>/ |
|              |   |                |                             |                  | 76.6<br>77.1                         | BROWN   | SAND /   | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6                 | BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN                                  | SAND /   | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5         | BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN                         | SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6                 | BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN<br>BROWN                | SAND /   | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5         | BROWN                         | SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5<br>76.6 | BROWN                   | SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5<br>76.6 | BROWN                         | SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5<br>76.6 | BROWN                   | SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5<br>76.6 | BROWN | SAND /  | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5<br>76.6 | BROWN                   | SAND /               | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |
|              |   |                |                             |                  | 76.6<br>77.1<br>76.6<br>76.5<br>76.6 | BROWN       | SAND / | SILT SILT SILT SILT SILT SILT SILT SILT |                                      |

| Well | Recor | rd# |
|------|-------|-----|
|------|-------|-----|

| istry of Envi | ronment | Water Well Information | Database December | r 31, 2016, | available ( |
|---------------|---------|------------------------|-------------------|-------------|-------------|
| 1.2           | 76.4    | BROWN                  | SAND /            | SILT        | /           |
|               |         | 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        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 77.1    | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.5    | BROWN                  | SAND /            | SILT        | 1           |
|               | 77.1    | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 77.2    | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 77.1    | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.6    | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.7    | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.4    | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.6    | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.4    | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.6    | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.7    | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               |         | BROWN                  | SAND /            | SILT        | 1           |
|               | 76.6    | BROWN                  | SAND /            | SILT        | 1           |
|               |         |                        |                   |             |             |

| Well Record # | Based on Ministry of E | invironment V | Vater Well Informa | 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          | 1                 |
|               |                        |               | BROWN              | SAND /               | SILT          | 1                 |
|               |                        | 76.6          | BROWN              | SAND /               | SILT          | 1                 |
|               |                        | 76.7          | BROWN              | SAND /               | SILT          | 1                 |
|               | 3.0                    | 75.4          | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | GREY               | LIMESTONE /          |               | /                 |
|               |                        | 77.7          | GREY               | LIMESTONE /          |               | /                 |
|               |                        | 75.4          | GREY               | LIMESTONE /          |               | /                 |
|               |                        |               | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | GREY               | LIMESTONE /          |               | 1                 |
|               |                        | 74.9          | GREY               | LIMESTONE /          |               | 1                 |
|               |                        | 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          | GREY               | LIMESTONE /          |               | ,                 |
|               |                        | 74.6<br>74.9  | GREY               | LIMESTONE /          |               | ,                 |
|               |                        | 74.9          | GREY               | LIMESTONE /          |               | ,                 |
|               |                        |               | GREY               | LIMESTONE /          |               | ,                 |
|               |                        |               |                    |                      |               | ,                 |
|               |                        | 77 7          | GREY               | LIMESTONE /          |               | ,                 |
|               |                        | 77.7          | GREY               | LIMESTONE /          |               | ,                 |
|               |                        | 75.3          | GREY               | LIMESTONE /          |               | ,                 |
|               |                        | 74.8          | GREY               | LIMESTONE /          |               | ,                 |
|               |                        | 74.7          | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | GREY               | LIMESTONE /          |               | /                 |
|               |                        |               | GREY               | LIMESTONE /          |               | /                 |
|               |                        |               | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | GREY               | LIMESTONE /          |               | /                 |
|               |                        |               | GREY               | LIMESTONE /          |               | 1                 |
|               |                        | 74.8          | GREY               | LIMESTONE /          |               | 1                 |
|               |                        |               | CPEV               | LIMESTONE /          |               | 1                 |

GREY

GREY

LIMESTONE /

LIMESTONE /

Thursday, July 21, 2022

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| 3.0         | 74.7        | GREY  | LIMESTONE /  |  | 1           |
|-------------|-------------|---|--|--|-------------|
| 3.0         |             |   |  |  |             |
|             | 74.8        | GREY  | LIMESTONE /  |  | ,           |
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|             |             |   |  |  | 1           |
|             |             |   |  |  | /           |
|             | 74.7        |   |  |  | 1           |
|             |             |   |  |  | /           |
|             |             |   |  |  | 1           |
|             |             |   |  |  | 1           |
|             |             |   |  |  | /           |
|             | 74.8        |   | LIMESTONE /  |  | /           |
|             | 74.7        | GREY  | LIMESTONE /  |  | 1           |
|             | 74.8        | GREY  | LIMESTONE /  |  | 1           |
|             | 74.7        | GREY  | LIMESTONE /  |  | /           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             | 74.6        | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  | LIMESTONE /  |  | 1           |
|             |             | GREY  |  |  | 1           |
|             |             | GREY  |  |  | 1           |
|             |             |   |  |  | 1           |
|             |             |   |  |  | 1           |
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|             |             |   |  |  | ,           |
|             |             |   |  |  | ,           |
|             |             | GRET  |  |  |             |
| OTTAWA-CARL | ETON        |   |  |  |             |
| 194         |             |   |  |  | (masl)      |
| 10-1        |             |   |  |  | (masl)      |
|             |             |   |  |  | /           |
| Donth (m)   | Floy (most) | ;   | Spec. Cap.   | (LPM/m)  | Hr / Min    |
| 0.0         | 78.6        | Color   |  | Soil Description   | IS          |
| <b>6</b> -  | 00 1        | DD0:::::  | A.1.15   | ç  | ,           |
| 9.5         | 69.1        | BROWN   | SAND /   | CLAY   | /           |
|             |             |   | SAND /   | CLAY   | 1           |
|             | 69.2        | BROWN   |  |  |             |
|             | 69.2        | BROWN<br>BROWN  | SAND /<br>SAND /   | CLAY<br>CLAY   | ,<br>/<br>/ |
|             | Depth (m)   | 74.7 74.8 74.7 74.6  74.6  OTTAWA-CARLETON  194  Depth (m) Elev (masl) 0.0 78.6 | 74.9 GREY 74.8 GREY 74.7 GREY 74.8 GREY 74.7 GREY 74.8 GREY 74.7 GREY 74.8 GREY 74.7 GREY GREY GREY GREY GREY GREY GREY GREY | GREY LIMESTONE / T4.7 GREY LIMESTONE / T4.8 GREY LIMESTONE / GREY LIMES | GREY        |

| inistry of E | nvironment W | ater Well Informat | ion Database Decembe | er 31, 2016 | , availabl |
|--------------|--------------|--------------------|----------------------|-------------|------------|
| 9.5          | 69.2         | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              | 69.1         | BROWN              | SAND /               | CLAY        | /          |
|              | 69.2         | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | 1          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              | 69.0         | BROWN              | SAND /               | CLAY        | /          |
|              | 69.2         | BROWN              | SAND /               | CLAY        | /          |
|              | 69.1         | BROWN              | SAND /               | CLAY        | /          |
|              | 69.2         | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              | 69.0         | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              | 69.2         | BROWN              | SAND /               | CLAY        | /          |
|              | 69.1         | BROWN              | SAND /               | CLAY        | 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        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              | 69.3         | BROWN              | SAND /               | CLAY        | /          |
|              | 68.8         | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              | BROWN              | SAND /               | CLAY        | /          |
|              |              |                    |                      |             |            |

|     |      |       |        | o. o., _o.o, |   |
|-----|------|-------|--------|--------------|---|
| 9.5 | 68.8 | BROWN | SAND / | CLAY         | 1 |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 69.3 | BROWN | SAND / | CLAY         | 1 |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 68.8 | BROWN | SAND / | CLAY         | / |
|     | 69.3 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 71.4 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 69.0 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 71.4 | BROWN | SAND / | CLAY         | / |
|     | 69.3 | BROWN | SAND / | CLAY         | / |
|     | 68.0 | BROWN | SAND / | CLAY         | / |
|     | 69.0 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 71.4 | BROWN | SAND / | CLAY         | / |
|     | 68.8 | BROWN | SAND / | CLAY         | / |
|     | 69.0 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 68.0 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     | 68.8 | BROWN | SAND / | CLAY         | / |
|     | 68.0 | BROWN | SAND / | CLAY         | / |
|     | 68.8 | BROWN | SAND / | CLAY         | / |
|     | 68.0 | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      | BROWN | SAND / | CLAY         | / |
|     |      |       |        |              |   |

Thursday, July 21, 2022

| Vell Record       | l #                        |                                    |                                       | Ва                                   | sed on Ministry of E    | Environment W              | ater Well Informat | ion Database Dec                 | ember 31, 2016                       | 6, available o                |
|-------------------|----------------------------|------------------------------------|---------------------------------------|--------------------------------------|-------------------------|----------------------------|--------------------|----------------------------------|--------------------------------------|-------------------------------|
| 7119478           | Lot                        | Conc                               |                                       | OTTAWA CI                            | TY / OTTAWA-CAR         | LETON                      | Flo                | wing?                            |                                      |                               |
| Date 1/30/2       |                            | 79.5 (masl)<br>m: 4.57000017166138 | Easting 441403<br>UTM RC 3            | Northing<br>margin of error : 10 - 3 | 5025080<br><b>0 m</b>   |                            |                    | SWL<br>ng WL<br>o Rate<br>. Cap. | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (mas<br>(mas<br>/<br>Hr / Min |
|                   | Water Fo<br>Stre<br>Town/C | ( 3 /                              | (masl)                                |                                      | <b>Depth (m)</b><br>0.0 | <b>Elev (masl)</b><br>79.5 | Color              | . Сир.                           | Soil Description                     |                               |
|                   |                            |                                    |                                       |                                      | 2.7                     | 76.8<br>77.8               | BROWN<br>BROWN     | SAND /                           | SILT<br>SILT                         | /                             |
|                   |                            |                                    |                                       |                                      | 4.6                     | 76.0<br>74.9               | GREY<br>GREY       | LIMESTONE /                      |                                      | /                             |
| 7119479           | Lot                        | Conc                               |                                       | OTTAWA CI                            | TY / OTTAWA-CAR         | LETON                      | Flo                | wing?                            |                                      |                               |
| te 1/28/2<br>DDMI |                            | 82.0 (masl)<br>m: 3.96000003814697 | <b>Easting</b> 441430 <b>UTM RC</b> 3 | Northing<br>margin of error : 10 - 3 | 5025086<br><b>0 m</b>   |                            |                    | Rate                             | (mbgs)<br>(mbgs)<br>(LPM)            | (ma:<br>(ma:<br>/             |
|                   |                            | / Monitoring                       |                                       |                                      | Depth (m)               | Elev (masl)                | Spec               | . Cap.                           | (LPM/m)                              | Hr / Min                      |
|                   | Water Fo<br>Stre<br>Town/C | ( 0 /                              | (masl)                                |                                      | 0.0                     | 82.0                       | Color              |                                  | Soil Description                     | ons                           |
|                   |                            |                                    |                                       |                                      | 0.1                     | 81.9                       | BLACK              | OTHER /                          |                                      | 1                             |
|                   |                            |                                    |                                       |                                      |                         | 77.9                       | BLACK<br>BLACK     | OTHER /                          |                                      | /<br>/                        |
|                   |                            |                                    |                                       |                                      |                         | 81.9                       | BLACK<br>BLACK     | OTHER /<br>OTHER /               |                                      | 1                             |
|                   |                            |                                    |                                       |                                      |                         |                            | BLACK<br>BLACK     | OTHER /<br>OTHER /               |                                      | 1                             |
|                   |                            |                                    |                                       |                                      |                         |                            | BLACK<br>BLACK     | OTHER /                          |                                      | /<br>/                        |
|                   |                            |                                    |                                       |                                      |                         |                            | BLACK<br>BLACK     | OTHER /<br>OTHER /               |                                      | /<br>/                        |
|                   |                            |                                    |                                       |                                      |                         | 78.2<br>81.9               | BLACK<br>BLACK     | OTHER /                          |                                      | /<br>/                        |
|                   |                            |                                    |                                       |                                      |                         | 77.9                       | BLACK              | OTHER /                          |                                      | ,                             |
|                   |                            |                                    |                                       |                                      |                         |                            | BLACK              | OTHER /                          |                                      | 1                             |

78.2

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| nistry of Environment | water well inform | ation Database December 31, 201 | i6, available |
|-----------------------|-------------------|---------------------------------|---------------|
| 0.1 81.0              | BLACK             | OTHER /                         | 1             |
|                       | BLACK             | OTHER /                         | /             |
|                       | BLACK             | OTHER /                         | 1             |
|                       | BLACK             | OTHER /                         | /             |
|                       | BLACK             | OTHER /                         | 1             |
|                       | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
| 77.5                  | BLACK             | OTHER /                         | ,             |
| 77.7                  | BLACK             | OTHER /                         | ,             |
| 77.5                  | BLACK             | OTHER /                         | ,             |
| 78.2                  | BLACK             | OTHER /                         | ,             |
| 77.9                  | BLACK             | OTHER /                         | ,             |
| 77.0                  | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
| 81.0                  | BLACK             | OTHER /                         | ,             |
| 79.0                  | BLACK             | OTHER /                         | ,             |
| 77.5                  | BLACK             | OTHER /                         | ,             |
| 11.5                  | BLACK             | OTHER /                         | ,             |
| 79.0                  | BLACK             | OTHER /                         | ,             |
| 79.0                  | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
| 81.0                  | BLACK             | OTHER /                         | ,             |
|                       |                   |                                 | ,             |
| 79.0                  | BLACK             | OTHER /                         | 1             |
| 77.5                  | BLACK             | OTHER /<br>OTHER /              | 1             |
| 79.0                  | BLACK<br>BLACK    | OTHER /                         | 1             |
|                       | BLACK             | OTHER /                         | ,             |
| 77.5                  |                   |                                 | ,             |
| 77.5                  | BLACK<br>BLACK    | OTHER /<br>OTHER /              | ,             |
|                       | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
| 79.0                  | BLACK             | OTHER /                         | ,             |
| 79.0<br>79.2          | BLACK             | OTHER /                         | ,             |
| 79.2<br>77.9          | BLACK             | OTHER /                         | ,             |
| 11.9                  | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | ,             |
|                       |                   | OTHER /                         | ,             |
|                       | BLACK             |                                 | ,             |
| 70.0                  | BLACK             | OTHER /                         | ,             |
| 79.2                  | BLACK             | OTHER /                         | 1             |
|                       | BLACK             | OTHER /                         | ,             |
| 77.7                  | BLACK             | OTHER /                         | ,             |
| 77.7                  | BLACK             | OTHER /                         | ,             |
| 79.2                  | BLACK             | OTHER /                         | ,             |
| 70.0                  | BLACK             | OTHER /                         | /             |
| 78.2                  | BLACK             | OTHER /                         | /             |
| 79.2                  | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | /             |
| 77.9                  | BLACK             | OTHER /                         | ,             |
|                       | BLACK             | OTHER /                         | /             |
| 76.7                  | BLACK             | OTHER /                         | /             |
|                       | BLACK             | OTHER /                         | /             |
|                       | BLACK             | OTHER /                         | 1             |

| Willistry Of E | invironment wa | iter wen miormation | Database December    | 31, 2010,    | available Ull    |
|----------------|----------------|---------------------|----------------------|--------------|------------------|
| 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           |
|                | 77.1           | BROWN               | GRAVEL /<br>GRAVEL / | SAND         | / FILL<br>/ FILL |
|                | 77.1           | BROWN<br>BROWN      | GRAVEL /             | SAND<br>SAND | / FILL           |
|                | 76.7           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 70.7<br>77.1   | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 76.9           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 70.9           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 77.1           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 77.1           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                |                | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 75.9           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 77.1           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 76.7           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                | 77.1           | BROWN               | GRAVEL /             | SAND         | / FILL           |
|                |                |                     |                      |              |                  |

| inistry of E | invironment w | ater well information | n Database Decembe | r 31, 2016 | s, 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            |
|              | 76.2          | BROWN                 | GRAVEL /           | SAND       | / FILL            |
|              | 70.9          | BROWN                 | GRAVEL /           | SAND       | / FILL            |
|              |               | BROWN                 | GRAVEL /           | SAND       | / FILL            |
|              |               | BROWN                 | GRAVEL /           | SAND       | / FILL            |
|              |               |                       |                    |            | / FILL            |
|              | 76.7          | BROWN                 | GRAVEL /           | SAND       |                   |
|              | 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            |
|              |               | 5.10.111              | C.U.VLL /          | J 1D       |                   |

| ministry or L | IIVII OIIIIICIIL V | rater wen informe | ition Butubuse Beccinibe | . 01, 2010, | available of |
|---------------|--------------------|-------------------|--------------------------|-------------|--------------|
| 0.9           | 78.2               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 77.4               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 81.1               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 77.4               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 81.1               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 77.1               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 81.1               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               |                    | BROWN             | GRAVEL /                 | SAND        | / FILL       |
|               | 77.4               | BROWN             | GRAVEL /                 | SAND        | / FILL       |
| 4.0           | 73.7               | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               | 74.3               | GREY              | LIMESTONE /              |             | /            |
|               | 73.7               | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               | 75.4               | GREY              | LIMESTONE /              |             | /            |
|               | 74.3               | GREY              | LIMESTONE /              |             | /            |
|               | 73.9               | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               | 75.4               | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               | 73.9               | GREY              | LIMESTONE /              |             | /            |
|               | 75.4               | GREY              | LIMESTONE /              |             | /            |
|               | 73.9               | GREY              | LIMESTONE /              |             | /            |
|               | 72.8               | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | /            |
|               |                    | GREY              | LIMESTONE /              |             | 1            |
|               |                    | GREY              | LIMESTONE /              |             | 1            |
|               |                    | GREY              | LIMESTONE /              |             | 1            |
|               | 74.3               | GREY              | LIMESTONE /              |             | 1            |
|               | 75.4               | GREY              | LIMESTONE /              |             | 1            |
|               | 74.3               | GREY              | LIMESTONE /              |             | 1            |
|               | 73.7               | GREY              | LIMESTONE /              |             | 1            |
|               |                    | GREY              | LIMESTONE /              |             | 1            |
|               |                    |                   |                          |             |              |

|               |                        |              |                  | and Barrier B. 1 12        | 0040                      |
|---------------|------------------------|--------------|------------------|----------------------------|---------------------------|
| /ell Record # | Based on Ministry of E | nvironment W | ater Well Inform | ation Database December 31 | , 2016, available online. |
|               | 4.0                    | 73.7         | GREY             | LIMESTONE /                | 1                         |
|               |                        | 78.1         | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        | 73.9         | GREY             | LIMESTONE /                | /                         |
|               |                        | 78.1         | GREY             | LIMESTONE /                | /                         |
|               |                        | 73.7         | GREY             | LIMESTONE /                | /                         |
|               |                        | 74.3         | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | 1                         |
|               |                        |              | GREY             | LIMESTONE /                | 1                         |
|               |                        |              | GREY             | LIMESTONE /                |                           |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        | 73.9         | GREY             | LIMESTONE /                | ,                         |
|               |                        | 70.0         | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        | 78.1         | GREY             | LIMESTONE /                | ,                         |
|               |                        | 77.1         | GREY             | LIMESTONE /                | ,                         |
|               |                        | 74.0         | GREY             | LIMESTONE /                | ,                         |
|               |                        | 74.0         | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        | 77.1         | GREY             |                            | ,                         |
|               |                        | 77.1         |                  | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        | 74.0         | GREY             | LIMESTONE /                | /                         |
|               |                        | 77.1         | GREY             | LIMESTONE /                | /                         |
|               |                        | 75.2         | GREY             | LIMESTONE /                | /                         |
|               |                        | 77.1         | GREY             | LIMESTONE /                | /                         |
|               |                        | 75.2         | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | /                         |
|               |                        |              | GREY             | LIMESTONE /                | 1                         |
|               |                        |              | GREY             | LIMESTONE /                | 1                         |
|               |                        |              | GREY             | LIMESTONE /                | 1                         |
|               |                        | 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 /                |                           |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | GREY             | LIMESTONE /                | ,                         |
|               |                        |              | CREV             | LIMESTONE /                | ,                         |

GREY

**GREY** 

75.2

LIMESTONE /

LIMESTONE /

| /ell Record #                                   |  |   |  | Based on Ministry of I   | Environment Wa  | ater Well Inforr   | nation Database Dec   | ember 31, 2016,  | available online.  |
|---|--|---|--|--|---|--|---|--|--|
|   |  |   |  | 4.0  | 74.1  | GREY   | LIMESTONE /   |  | 1  |
|   |  |   |  |  |   | GREY   | LIMESTONE /   |  | ,  |
|   |  |   |  |  | 74.0  | GREY   | LIMESTONE /   |  | ,  |
|   |  |   |  |  | 74.3  | GREY   | LIMESTONE /   |  | ,  |
|   |  |   |  |  | 74.5  | GREY   | LIMESTONE /   |  | 1  |
|   |  |   |  |  | 74.0  | GREY   | LIMESTONE /   |  | ,  |
|   |  |   |  |  | 74.0  | GREY   | LIMESTONE /   |  | ,  |
|   |  |   |  |  |   |  |   |  | /  |
|   |  |   |  |  | 74.4  | GREY   | LIMESTONE /   |  | /  |
|   |  |   |  |  | 74.1  | GREY   | LIMESTONE /   |  | /  |
|   |  |   |  |  | 74.0  | GREY   | LIMESTONE /   |  | 1  |
|   |  |   |  |  | 74.3  | GREY   | LIMESTONE /   |  | 1  |
|   |  |   |  |  |   | GREY   | LIMESTONE /   |  | /  |
|   |  |   |  |  |   | GREY   | LIMESTONE /   |  | /  |
|   |  |   |  |  |   | GREY   | LIMESTONE /   |  | /  |
|   |  |   |  |  |   | GREY   | LIMESTONE /   |  | 1  |
|   |  |   |  |  |   | GREY   | LIMESTONE /   |  | 1  |
|   |  |   |  |  | 74.0  | GREY   | LIMESTONE /   |  | 1  |
| 7136552   | Lot Conc   |   | NEPEAN TOWN  | ISHIP / OTTAWA-CAR   | LETON   |  | Flowing?  |  |  |
| 1 100002  | Lot Goile  |   | .12. 2.01 10001  | .c 011/W/1-OAIN  |   |  | SWL   | (mbgs)   | (masl)   |
| te 11/2/2009                                    | Elev (masl) Easti  | ng 441941   | Northing   | 5025275  |   | Pur  | nping WL  | (mbgs)   | (masl)   |
| DDMMYY  | Well_Depth_m: 3.96000003814697   | UTM RC 4  | margin of error : 30   | ) m - 100 m  |   |  | ump Rate  | (LPM)  | (111631)   |
|   |  |   | ū  |  |   |  | •   |  | /  |
|   | / Monitoring and Te Monit  | oring and Test Ho   | le   | Depth (m)  | Elev (masl)   | 5  | рес. Сар.   | (LPM/m)  | Hr / Min   |
|   | Water Found (mbgs)   | (masl)  |  | 0.0  |   | Color  |   | Soil Description   | s  |
|   | Street 881 LADY ELLEN PLACE  |   |  | 0.0  |   | 35.5.  |   |  |  |
|   | Town/City Ottawa   |   |  |  |   |  |   |  |  |
|   |  |   |  | 0.6  |   | BROWN  | FILL /  | STONES   | / LOOSE  |
|   |  |   |  | 2.4  |   | BROWN  | SAND /  | SILT   | / LOOSE  |
|   |  |   |  | 4.0  |   |  |   |  | / HARD   |
|   |  |   |  |  |   | GREY   | SILT /  | SAND   | / IIAIND   |
| 7136553   | Lot Conc   |   | OTTAWA   |  | LETON   |  | Flowing?  | SAND   | / HAILD  |
| 7136553   | Lot Conc   |   |  | CITY / OTTAWA-CAR  | LETON   |  |   | (mbgs)   | (masl)   |
|   | Lot Conc<br>Elev 76.8 (masl) Easti   | ng 441880   | OTTAWA<br>Northing   |  | LETON   |  | Flowing?<br>SWL   | (mbgs)   | (masl)   |
|   |  | ng 441880<br>UTM RC 4   |  | CITY / OTTAWA-CAR  | LETON   | Pur  | Flowing?<br>SWL<br>nping WL   | (mbgs)<br>(mbgs)   |  |
| e 11/2/2009                                     | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR  | LETON   | Pur<br>P   | Flowing?<br>SWL<br>nping WL<br>ump Rate   | (mbgs)<br>(mbgs)<br>(LPM)  | (masl)<br>(masl)<br>/  |
| te 11/2/2009                                    | Elev         76.8 (masl)         East           Well_Depth_m:         4.26999998092651           / Monitoring and Te Observation   | UTM RC 4  | Northing   | CITY / OTTAWA-CAR  | LETON  Elev (masl)  | Pur<br>P   | Flowing?<br>SWL<br>nping WL   | (mbgs)<br>(mbgs)   | (masl)   |
| te 11/2/2009                                    | Elev         76.8 (masl)         East           Well_Depth_m:         4.26999998092651           / Monitoring and Te Obser           Water Found         (mbgs)  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>0 m - 100 m  |   | Pur<br>P   | Flowing?<br>SWL<br>nping WL<br>ump Rate   | (mbgs)<br>(mbgs)<br>(LPM)  | (masl)<br>(masl)<br>/<br>Hr / Min  |
| te 11/2/2009                                    | Elev         76.8 (masl)         East           Well_Depth_m:         4.26999998092651           / Monitoring and Te Observation   | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>) m - 100 m<br>Depth (m)   | Elev (masl)   | Pur<br>P<br>S  | Flowing?<br>SWL<br>nping WL<br>ump Rate   | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)   | (masl)<br>(masl)<br>/<br>Hr / Min  |
| te 11/2/2009                                    | Elev         76.8 (masl)         East           Well_Depth_m:         4.26999998092651           / Monitoring and Te Obser           Water Found         (mbgs)  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>) m - 100 m<br>Depth (m)   | Elev (masl)   | Pur<br>P<br>S  | Flowing?<br>SWL<br>nping WL<br>ump Rate   | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)   | (masl)<br>(masl)<br>/<br>Hr / Min  |
| e 11/2/2009                                     | Elev   76.8 (masl)   East  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>0 m - 100 m<br>Depth (m)<br>0.0  | Elev (masl)<br>76.8   | Pur<br>P<br>S<br>Color   | Flowing?<br>SWL<br>nping WL<br>ump Rate<br>pec. Cap.  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)   | (masl)<br>(masl)<br>/<br>Hr / Min<br>s   |
| e 11/2/2009                                     | Elev   76.8 (masl)   East  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>0 m - 100 m<br>Depth (m)<br>0.0  | Elev (masl)<br>76.8   | Pur<br>P<br>S<br>Color   | Flowing? SWL mping WL ump Rate pec. Cap.  | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  | (masl) (masl) / Hr / Min s   |
| e 11/2/2009                                     | Elev   76.8 (masl)   East  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>0 m - 100 m<br>Depth (m)<br>0.0<br>0.6<br>1.8                                      | Flev (masl)<br>76.8<br>76.2<br>75.0                           | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN                                   | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT /   | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY   | (masl) (masl) / Hr / Min s / LOOSE / DENSE   |
| te 11/2/2009                                    | Elev   76.8 (masl)   East  | UTM RC 4  | Northing   | CITY / OTTAWA-CAR<br>5025408<br>0 m - 100 m<br>Depth (m)<br>0.0  | Elev (masl)<br>76.8   | Pur<br>P<br>S<br>Color   | Flowing? SWL mping WL ump Rate pec. Cap.  | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  | (masl) (masl) / Hr / Min s   |
| te 11/2/2009                                    | Elev   76.8 (masl)   East  | UTM RC 4  | Northing<br>margin of error : 30   | CITY / OTTAWA-CAR<br>5025408<br>0 m - 100 m<br>Depth (m)<br>0.0<br>0.6<br>1.8                                      | Flev (masl)<br>76.8<br>76.2<br>75.0<br>72.6                   | Pui<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT /  | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  | (masl) (masl) / Hr / Min s / LOOSE / DENSE / WATER-BEARING                             |
| 11/2/2009<br>DDMMYY                             | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obset Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa   | UTM RC 4 vation Wells (masl)  | Northing<br>margin of error : 30   | Depth (m) 0.0  0.6 1.8 4.3  CITY / OTTAWA-CAR  | Flev (masl)<br>76.8<br>76.2<br>75.0<br>72.6                   | Pui<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL nping WL ump Rate pec. Cap.  FILL / SILT /   | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY (mbgs)   | (masl) (masl) / Hr / Min s / LOOSE / DENSE   |
| Pe 11/2/2009 DDMMYY  7136554 e 11/2/2009        | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obset Water Found (mbgs)  Street 881 LADY ELLEN PLACE Town/City Ottawa  Lot Conc  Elev 78.0 (masl) Easti  | UTM RC 4 vation Wells (masl)  | Northing<br>margin of error : 30<br>OTTAWA<br>Northing                         | Depth (m) 0.0  0.6 1.8 4.3  CITY / OTTAWA-CAR  | Flev (masl)<br>76.8<br>76.2<br>75.0<br>72.6                   | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT /  | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  | (masl) (masl) / Hr / Min s / LOOSE / DENSE / WATER-BEARING                             |
| e 11/2/2009<br>DDMMYY  7136554                  | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obset Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa   | UTM RC 4 vation Wells (masl)  | Northing<br>margin of error : 30   | Depth (m) 0.0  0.6 1.8 4.3  CITY / OTTAWA-CAR  | Flev (masl)<br>76.8<br>76.2<br>75.0<br>72.6                   | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL                             | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY (mbgs)   | (masl) (masl) / Hr / Min s / LOOSE / DENSE / WATER-BEARING                             |
| Pe 11/2/2009 DDMMYY  7136554 e 11/2/2009        | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obser Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa  Lot Conc Elev 78.0 (masl) Easti Well_Depth_m: 4.88000011444092   | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4                    | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | Depth (m) 0.0  0.6 1.8 4.3 CITY / OTTAWA-CAR   | Flev (masl)<br>76.8<br>76.2<br>75.0<br>72.6<br>LETON          | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL                    | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs)                                 | (masl) (masl) / Hr / Min s / LOOSE / DENSE / WATER-BEARING                             |
| 7136554<br>ie 11/2/2009                         | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obser Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa  Lot Conc Elev 78.0 (masl) Easti Well_Depth_m: 4.88000011444092  / Monitoring and Te Monite                   | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4  pring and Test Ho | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | OCITY / OTTAWA-CAR 5025408 Om - 100 m  Depth (m) 0.0  0.6 1.8 4.3  CITY / OTTAWA-CAR 5025341 Om - 100 m  Depth (m) | Flev (masl) 76.8 76.2 75.0 72.6  LETON  Flev (masl)           | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate           | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (LPM) (LPM/m)                   | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min   |
| e 11/2/2009<br>DDMMYY<br>7136554<br>e 11/2/2009 | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obser Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa  Lot Conc Elev 78.0 (masl) Easti Well_Depth_m: 4.88000011444092  / Monitoring and Te Monit Water Found (mbgs) | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4                    | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | Depth (m) 0.0  0.6 1.8 4.3 CITY / OTTAWA-CAR   | Flev (masl)<br>76.8<br>76.2<br>75.0<br>72.6<br>LETON          | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate           | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (LPM)                           | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min   |
| P 11/2/2009 DDMMYY  7136554 P 11/2/2009         | Elev   76.8 (masl)   East  | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4  pring and Test Ho | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | OCITY / OTTAWA-CAR 5025408 Om - 100 m  Depth (m) 0.0  0.6 1.8 4.3  CITY / OTTAWA-CAR 5025341 Om - 100 m  Depth (m) | Flev (masl) 76.8 76.2 75.0 72.6  LETON  Flev (masl)           | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate           | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (LPM) (LPM/m)                   | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min   |
| 7136554<br>ie 11/2/2009                         | Elev 76.8 (masl) Easti Well_Depth_m: 4.26999998092651  / Monitoring and Te Obser Water Found (mbgs) Street 881 LADY ELLEN PLACE Town/City Ottawa  Lot Conc Elev 78.0 (masl) Easti Well_Depth_m: 4.88000011444092  / Monitoring and Te Monit Water Found (mbgs) | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4  pring and Test Ho | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | OCITY / OTTAWA-CAR 5025408 Om - 100 m  Depth (m) 0.0  0.6 1.8 4.3  CITY / OTTAWA-CAR 5025341 Om - 100 m  Depth (m) | Flev (masl) 76.8 76.2 75.0 72.6  LETON  Flev (masl)           | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY                           | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate           | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (mbgs) (LPM) (LPM/m)            | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min   |
| 7136554<br>te 11/2/2009                         | Elev   76.8 (masl)   East  | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4  pring and Test Ho | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | Depth (m) 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      | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY<br>Pur<br>P<br>S<br>Color | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate pec. Cap. | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min   |
| 7136554<br>te 11/2/2009                         | Elev   76.8 (masl)   East  | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4  pring and Test Ho | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | 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 | Pur P S Color  BROWN BROWN GREY  Pur P S Color                             | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate pec. Cap. | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min s |
| 7136554<br>tte 11/2/2009                        | Elev   76.8 (masl)   East  | utm RC 4 rvation Wells (masl)  ng 441869  utm RC 4  pring and Test Ho | Northing<br>margin of error : 30<br>OTTAWA<br>Northing<br>margin of error : 30 | Depth (m) 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      | Pur<br>P<br>S<br>Color<br>BROWN<br>BROWN<br>GREY<br>Pur<br>P<br>S<br>Color | Flowing? SWL mping WL ump Rate pec. Cap.  FILL / SILT / SILT / Flowing? SWL mping WL ump Rate pec. Cap. | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description  SAND CLAY CLAY  (mbgs) (mbgs) (LPM) (LPM/m)  Soil Description | (masl) (masl) / Hr / Min s  / LOOSE / DENSE / WATER-BEARING (masl) (masl) / Hr / Min   |

| 7139974                  | Lot Conc                                |                            | OTTAWA                           | CITY / OT                   | TAWA-CARI               | ETON                    |       | Flowing?                       |                           |                  |
|--------------------------|---|----------------------------|----------------------------------|-----------------------------|-------------------------|-------------------------|-------|--------------------------------|---------------------------|------------------|
| Date 8/14/2009<br>DDMMYY | Elev 67.6 (masl) Well_Depth_m: 6        | Easting 441295<br>UTM RC 4 | Northing<br>margin of error : 30 | 5026966<br>m - <b>100</b> m |                         |                         |       | SWL<br>Pumping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl) |
|                          | Water Found (mbgs                       |                            |                                  |                             | <b>Depth (m)</b><br>0.0 | <b>Elev (masl)</b> 67.6 | Color | Spec. Cap.                     | (LPM/m) Soil Descriptions | Hr / Min         |
|                          | Town/City Ottawa                        |                            |                                  |                             |                         |                         |       |                                |                           |                  |
|                          |   |                            |                                  |                             | 0.2                     | 67.4                    |       | 1                              |                           | 1                |
|                          |   |                            |                                  |                             |                         | 76.6                    |       | 1                              |                           | 1                |
|                          |   |                            |                                  |                             |                         |                         |       | 1                              |                           | 1                |
|                          |   |                            |                                  |                             |                         | 76.0                    |       | 1                              |                           | 1                |
|                          |   |                            |                                  |                             |                         |                         |       | 1                              |                           | 1                |
|                          |   |                            |                                  |                             |                         | 67.4                    |       | 1                              |                           | 1                |
|                          |   |                            |                                  |                             | 0.4                     | 75.8                    | GREY  | STONES /                       |                           | 1                |
|                          |   |                            |                                  |                             |                         |                         | GREY  | STONES /                       |                           | /                |
|                          |   |                            |                                  |                             |                         | 67.2                    | GREY  | STONES /                       |                           | /                |
|                          |   |                            |                                  |                             |                         | 76.4                    | GREY  | STONES /                       |                           | 1                |
|                          |   |                            |                                  |                             |                         |                         | GREY  | STONES /                       |                           | 1                |
|                          |   |                            |                                  |                             |                         | 67.2                    | GREY  | STONES /                       |                           | 1                |
|                          |   |                            |                                  |                             | 1.4                     | 75.4                    | BROWN | FILL /                         | SAND                      | / 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 /                         |                           | / 0121           |
|                          |   |                            |                                  |                             |                         | 71.8                    | GREY  | CLAY /                         |                           | ,                |
|                          |   |                            |                                  |                             |                         | 63.2                    | GREY  | CLAY /                         |                           | ,                |
|                          |   |                            |                                  |                             |                         | 00.2                    | GREY  | CLAY /                         |                           | ,                |
|                          |   |                            |                                  |                             |                         | 72.4                    | GREY  | CLAY /                         |                           | ,                |
|                          |   |                            |                                  |                             |                         | 71.8                    | GREY  | CLAY /                         |                           | ,                |
|                          |   |                            |                                  |                             | 6.0                     | 71.8                    | GREY  | ROCK /                         |                           | 1                |
|                          |   |                            |                                  |                             | 0.0                     | 10.0                    | GREY  | ROCK /                         |                           | /                |
|                          |   |                            |                                  |                             |                         | 70.0                    |       |                                |                           | /                |
|                          |   |                            |                                  |                             |                         | 70.2                    | GREY  | ROCK /                         |                           | /                |
|                          |   |                            |                                  |                             |                         | 64.0                    | GREY  | ROCK /                         |                           | /                |
|                          |   |                            |                                  |                             |                         | 61.6                    | GREY  | ROCK /                         | LIMESTONE                 | /                |
|                          |   |                            |                                  |                             |                         |                         | GREY  | ROCK /                         | LIMESTONE                 | 1                |
| 7147062                  | Lot Conc                                |                            | OTTAWA                           | CITY / OT                   | TAWA-CARL               | ETON                    |       | Flowing?                       |                           |                  |
| Date 5/12/2010           | <b>Elev</b> 78.8 (masl)                 | Easting 441962             | Northing                         | 5025324                     |                         |                         |       | SWL                            | (mbgs)                    | (masl)           |
| DDMMYY                   | Well_Depth_m: 5.78999996185303          | UTM RC 4                   | -                                |                             |                         |                         |       | Pumping WL                     | (mbgs)                    | (masl)           |
| DUIVINIYY                | <b>Weil_Deptil_m</b> : 3.78999990185303 | UTWIKE 4                   | margin of error : 30             | 111 - 100 M                 |                         |                         |       | Pump Rate                      | (LPM)                     | /                |
|                          | / Monitoring and                        | Γe Monitoring and Test Ho  | le                               |                             | Danth ()                | Flor: (1)               |       | Spec. Cap.                     | (LPM/m)                   | Hr / Min         |
|                          | Water Found (mbgs)                      | -                          |                                  |                             | Depth (m)               | Elev (masl)             |       |                                | 0.110                     |                  |
|                          | Street 1550 /1451 CARLII                |                            |                                  |                             | 0.0                     | 78.8                    | Color |                                | Soil Descriptions         |                  |
|                          | Street 1000/1401 CARLII                 | NO/OULDINE I               |                                  |                             |                         |                         |       |                                |                           |                  |
|                          | Taura (City) Ottowo                     |                            |                                  |                             |                         |                         |       |                                |                           |                  |
|                          | Town/City Ottawa                        |                            |                                  |                             |                         |                         |       |                                |                           |                  |
|                          | Town/City Ottawa                        |                            |                                  |                             | 4.3                     | 74.5                    | BROWN | COARSE SAND /                  | GRAVEL                    | / HARD           |

|     |              | 1                   |                            |                          |                          |                  |               |        |                         |                  |                    |
|-----|--------------|---------------------|----------------------------|--------------------------|--------------------------|------------------|---------------|--------|-------------------------|------------------|--------------------|
| 71  | 147063       | Lot                 | Conc                       |                          | OTTAWA CIT               | ΓΥ / OTTAWA-CARI | ETON          |        | Flowing?<br>SWL         | (mhas)           | (masl)             |
| ate | 5/12/2010    | Elev                | 78.2 (masl)                | Easting 441946           | Northing 5               | 5025352          |               |        | SWL<br>Pumping WL       | (mbgs)           | ' '                |
|     | DDMMYY       |                     | 5.78999996185303           | UTM RC 4                 | margin of error : 30 m - |                  |               |        | Pumping WL<br>Pump Rate | (mbgs)<br>(LPM)  | (masl)             |
|     |              |                     |                            |                          |                          |                  |               |        | •                       | . ,              | •                  |
|     |              |                     | / Monitoring and           | Te Monitoring and Test H | ole                      | Depth (m)        | Elev (masl)   |        | Spec. Cap.              | (LPM/m)          | Hr / Min           |
|     |              | Water Fou           | nd (mbgs)                  | ) (masl)                 |                          | 0.0              | 78.2          | Color  |                         | Soil Description | ıs                 |
|     |              | Street<br>Town/City | 1550 CARLING AV            | /ENUE                    |                          |                  |               |        |                         | ·                |                    |
|     |              | Townscity           | Ottawa                     |                          |                          |                  |               |        |                         |                  |                    |
|     |              |                     |                            |                          |                          | 4.6              | 73.7          | BROWN  | COARSE SAND /           | HARD             | / DRY              |
|     |              |                     |                            |                          |                          | 5.8              | 72.4          | GREY   | COARSE SAND /           | GRAVEL           | / SILT             |
| 71  | 149495       | Lot                 | Conc                       |                          | OTTAWA CIT               | ΓΥ / OTTAWA-CARI | ETON          |        | Flowing?                |                  |                    |
| 40  | 7/13/2010    | Elev                | (masl)                     | Easting 441701           | Northing 5               | 5025233          |               |        | SWL                     | (mbgs)           | (masl)             |
| te  | DDMMYY       |                     | (masi)<br>9.14000034332275 | UTM RC 4                 |                          |                  |               |        | Pumping WL              | (mbgs)           | (masl)             |
|     | DDIAIIAI I I | Meil Dehrii III     | 7.14000034332273           | JIWIKC 4                 | margin of error : 30 m - | . 100 111        |               |        | Pump Rate               | (LPM)            | 1                  |
|     |              |                     | / Monitoring and           | Te Test Hole             |                          | Depth (m)        | Elev (masi)   |        | Spec. Cap.              | (LPM/m)          | Hr / Min           |
|     |              | Water Fou           | nd (mbgs                   | ) (masl)                 |                          | 0.0              | Liev (Iliasi) | Color  |                         | Soil Description | ns                 |
|     |              | Street<br>Town/City | 1551 LAPERRIER             |                          |                          | 0.0              |               | 50101  |                         | Son Description  |                    |
|     |              |                     |                            |                          |                          | 2.1              |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          | ۷.۱              |               | BROWN  | FILL /                  |                  | / LOOSE<br>/ LOOSE |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  | 76.6          | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  | -             | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | BROWN  | FILL /                  |                  | / LOOSE            |
|     |              |                     |                            |                          |                          |                  |               | DDOWN. | EII /                   |                  | / 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

| 7    | 50369                             | Lot                               | Conc                            |                                  | OTTAWA (                           | CITY / OTTAWA-CARL          | ETON                | Flowing                        |                    |                           |                  |  |
|------|-----------------------------------|-----------------------------------|---------------------------------|----------------------------------|------------------------------------|-----------------------------|---------------------|--------------------------------|--------------------|---------------------------|------------------|--|
| ate  | 8/6/2010<br><b>DDMMYY</b>         | Elev<br>Well_Depth_m:             | 79.1 (masl)<br>5.78999996185303 | Easting 441964<br>UTM RC 4       | Northing<br>margin of error : 30 i | 5025307<br>m - <b>100 m</b> |                     | SWI<br>Pumping WI<br>Pump Rate | =                  | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl) |  |
|      |                                   |                                   | / Monitoring and Te             | Monitoring and Test Ho           | le                                 | Depth (m)                   | Elev (masl)         | Spec. Cap                      |                    | (LPM/m)                   | Hr / Min         |  |
|      |                                   | Water Foun<br>Street<br>Town/City | ( 0 )                           | (masl)                           |                                    | 0.0                         | 79.1                | Color                          |                    | Soil Descriptio           | ns               |  |
|      |                                   |                                   |                                 |                                  |                                    | 3.7<br>5.8                  | 75.5<br>73.3        | BROWN<br>GREY                  | GRAVEL /<br>SILT / | SAND<br>GRAVEL            | / HARD<br>/ HARD |  |
| 7.   | 50370                             | Lot                               | Conc                            |                                  | OTTAWA                             | CITY / OTTAWA-CARL          |                     | Flowing                        |                    |                           | , , , , , , ,    |  |
|      |                                   | Lot                               | Conc                            |                                  | OTTAWA                             | DITT / OTTAWA-OAK           | LION                | SWI                            |                    | (mbgs)                    | (masl)           |  |
| Date | 8/6/2010                          | Elev                              | 78.8 (masl)                     | <b>Easting</b> 441977            | Northing                           | 5025324                     |                     | Pumping Wi                     |                    | (mbgs)                    | (masl)           |  |
|      | DDMMYY                            | Well_Depth_m:                     | 5.78999996185303                | UTM RC 4                         | margin of error : 30 i             | m - 100 m                   |                     | Pump Rate                      | •                  | (LPM)                     | 1                |  |
|      |                                   |                                   | / Monitoring and Te             |                                  |                                    | Depth (m)                   | Elev (masl)         | Spec. Cap                      |                    | (LPM/m)                   | Hr / Min         |  |
|      | Water Foun<br>Street<br>Town/City | d (mbgs)<br>1550 CARLING AVE.     | (masl)                          |                                  | 0.0                                | 78.8                        | Color               |                                | Soil Descriptio    | ns                        |                  |  |
|      |                                   |                                   |                                 |                                  |                                    | 3.7                         | 75.1                | BROWN                          | GRAVEL /           | SAND                      | / HARD           |  |
|      |                                   |                                   |                                 |                                  |                                    | 5.8                         | 73.0                | GREY                           | SILT /             | GRAVEL                    | / HARD           |  |
| 7    | 50371                             | Lot                               | Conc                            |                                  | OTTAWA (                           | CITY / OTTAWA-CARL          | .ETON               | Flowing                        | •                  |                           |                  |  |
| Date | 8/6/2010                          | Elev                              |                                 | Easting 441951                   | Manthina                           | 5005040                     |                     | SWI                            | -                  | (mbgs)                    | (masl)           |  |
| Date | DDMMYY                            |                                   | 78.4 (masl)<br>5.78999996185303 | Easting 441951<br>UTM RC 4       | Northing margin of error : 30 i    | 5025342                     |                     | Pumping Wi                     |                    | (mbgs)                    | (masl)           |  |
|      | DD.IIII.                          | vicii_Boptii_iiii                 |                                 |                                  | •                                  | II - 100 III                |                     | Pump Rate<br>Spec. Cap         |                    | (LPM)                     | /<br>Hr / Min    |  |
|      |                                   | Water Foun                        |                                 | Monitoring and Test Ho<br>(masl) | le                                 | <b>Depth (m)</b><br>0.0     | Elev (masl)<br>78.4 | Spec. Cap                      | •                  | (LPM/m) Soil Descriptio   |                  |  |
|      |                                   | Town/City                         |                                 |                                  |                                    |                             |                     |                                |                    |                           |                  |  |
|      |                                   | •                                 |                                 |                                  |                                    | 3.7                         | 74.8                | BROWN                          | GRAVEL /           | SAND                      | / HARD           |  |
|      |                                   |                                   |                                 |                                  |                                    | 5.8                         | 72.7                | GREY                           | SILT /             | GRAVEL                    | / HARD           |  |
| 7.   | 50372                             | Lot                               | Conc                            |                                  | OTTAWA                             | CITY / OTTAWA-CARL          |                     | Flowing                        |                    |                           |                  |  |
|      |                                   | LOI                               | Conc                            |                                  | OTTAWA                             |                             | LION                | SWI                            |                    | (mbgs)                    | (masl)           |  |
| Date | 8/6/2010                          | Elev                              | 78.3 (masl)                     | Easting 441941                   | Northing                           | 5025348                     |                     | Pumping Wi                     | =                  | (mbgs)                    | (masl)           |  |
|      | DDMMYY                            | Well_Depth_m:                     | 5.78999996185303                | UTM RC 4                         | margin of error : 30 i             | m - 100 m                   |                     | Pump Rate                      | )                  | (LPM)                     | 1                |  |
|      |                                   |                                   | / Monitoring and Te             | Monitoring and Test Ho           | ole                                | Depth (m)                   | Elev (masl)         | Spec. Cap                      |                    | (LPM/m)                   | Hr / Min         |  |
|      |                                   | Water Foun<br>Street<br>Town/City | d (mbgs)<br>1550 CARLING AVE.   | (masl)                           |                                    | 0.0                         | 78.3                | Color                          |                    | Soil Descriptio           | ns               |  |
|      |                                   |                                   |                                 |                                  |                                    | 3.7                         | 74.7                | BROWN                          | GRAVEL /           | SAND                      | / HARD           |  |
|      |                                   |                                   |                                 |                                  |                                    | 5.8                         | 72.6                | GREY                           | SILT /             | GRAVEL                    | / HARD           |  |
| 7    | 51896                             | Lot                               | Conc                            |                                  | OTTAWA (                           | CITY / OTTAWA-CARL          | ETON                | Flowing                        | •                  |                           |                  |  |
| Date | 8/19/2010                         | Elev                              | (masl)                          | Easting 441696                   | Northin-                           | 5025220                     |                     | SWI                            |                    | (mbgs)                    | (masl)           |  |
| -a.c | DDMMYY                            |                                   | 5.78999996185303                | UTM RC 2                         | Northing<br>margin of error : 3 -  |                             |                     | Pumping Wi                     |                    | (mbgs)                    | (masl)           |  |
|      |                                   |                                   |                                 |                                  |                                    |                             |                     | Pump Rate<br>Spec. Cap         |                    | (LPM)<br>(LPM/m)          | /<br>Hr / Min    |  |
|      |                                   |                                   | 1551 LAPERRIER                  | Test Hole (masl)                 |                                    | <b>Depth (m)</b><br>0.0     | Elev (masl)         | Color                          | •                  | Soil Descriptio           |                  |  |
|      |                                   | Town/City                         | OTTAWA                          |                                  |                                    |                             |                     |                                |                    |                           |                  |  |
|      |                                   | Town/City                         | OTTAWA                          |                                  |                                    | 0.6                         |                     | GREY                           | GRAVEL /           | FILL                      | / LOOSE          |  |

|                        |                                   |                                    |                            |                                  |                          | <b>,</b>   |                     |               | nation Database Dec         | , , , , ,                 |                   |
|------------------------|-----------------------------------|------------------------------------|----------------------------|----------------------------------|--------------------------|------------|---------------------|---------------|-----------------------------|---------------------------|-------------------|
|                        |                                   |                                    |                            |                                  |                          | 3.3<br>5.8 |                     | BROWN<br>GREY | SAND /<br>LIMESTONE /       |                           | / SOFT<br>/ HARD  |
| 7154088                | Lot C                             | onc                                |                            | OTTAWA                           | CITY / OTT               |            | .ETON               |               | Flowing?                    |                           |                   |
| Date 10/15/2010 DDMMYY | Elev Well_Depth_m: 6.4            | 79.1 (masl)                        | Easting 441952<br>UTM RC 3 | Northing<br>margin of error : 10 | 5025311<br>- <b>30 m</b> |            |                     |               | SWL<br>nping WL<br>ump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)  |
|                        |                                   | / Monitoring and Te                | Monitoring and Test Hol    | ما                               |                          |            |                     |               | pec. Cap.                   | (LPM/m)                   | Hr / Min          |
|                        | Water Found                       | (mbgs)                             | (masl)                     |                                  |                          | 0.0        | Elev (masl)<br>79.1 | Calan         |                             | Soil Description          | _                 |
|                        | Street 14 Town/City O             | 479 LAPIERIERRE                    | , ,                        |                                  |                          | 0.0        | 79.1                | Color         |                             | Soil Description          | is .              |
|                        |                                   |                                    |                            |                                  |                          | 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 C                             | onc                                |                            | OTTAWA                           | CITY / OTT               | AWA-CARI   | .ETON               |               | Flowing?                    |                           |                   |
| <b>Date</b> 10/15/2010 | Elev                              | 79.9 (masl)                        | Easting 441956             | Northin-                         | 5025274                  |            |                     |               | SWL                         | (mbgs)                    | (masl)            |
| DDMMYY                 | Well_Depth_m: 7.3                 | ` ,                                | Easting 441956<br>UTM RC 3 | Northing margin of error : 10    |                          |            |                     |               | nping WL                    | (mbgs)                    | (masl)            |
| DDIVINITI              | weii_Deptii_iii. /                | 32000017100138                     | OTWING 5                   | margin or error . 10             | - 30 111                 |            |                     |               | ump Rate                    | (LPM)                     | /                 |
|                        |                                   | Monitoring and Te                  | Monitoring and Test Hol    | le                               | п                        | epth (m)   | Elev (masl)         | S             | рес. Сар.                   | (LPM/m)                   | Hr / Min          |
|                        | Water Found Street 14 Town/City O | (mbgs)<br>479 LAPIERIERRE<br>TTAWA | (masl)<br>ST.              |                                  | _                        | 0.0        | 79.9                | Color         |                             | Soil Description          | ıs                |
|                        | Townsolty 0                       | 117.007.                           |                            |                                  |                          |            |                     |               |                             |                           |                   |
|                        |                                   |                                    |                            |                                  |                          | 0.9        | 79.0                | BROWN         | GRAVEL /                    | SAND                      | / SOFT            |
|                        |                                   |                                    |                            |                                  |                          | 3.3        | 76.6                | BROWN         | SAND /                      | SILT                      | / SOFT            |
|                        |                                   |                                    |                            |                                  |                          | 5.2<br>7.3 | 74.8<br>72.6        | BROWN<br>GREY | SAND /<br>SILT /            | SILT<br>GRAVEL            | / SOFT<br>/ DENSE |
|                        | 1                                 |                                    |                            |                                  |                          |            |                     |               |                             | GIVAVEL                   | / DENGE           |
| 7155919                | Lot C                             | onc                                |                            | OTTAWA                           | CITY / OTT               | AWA-CARI   | ETON.               |               | Flowing?<br>SWL             | (mbgs)                    | (masl)            |
| Date 10/28/2010        | Elev                              | (masl)                             | Easting 441395             | Northing                         | 5025187                  |            |                     | Pur           | nping WL                    | (mbgs)                    | (masl)            |
| DDMMYY                 | Well_Depth_m: 7.0                 | 01000022888184                     | UTM RC 3                   | margin of error : 10             | - 30 m                   |            |                     |               | ump Rate                    | (LPM)                     | /                 |
|                        |                                   | / Manitarina and Ta                | Monitoring and Test Hol    | la.                              |                          |            |                     |               | pec. Cap.                   | (LPM/m)                   | Hr / Min          |
|                        | Water Found                       | (mbgs)<br>61 CLYDE AVE             | (masl)                     | e                                | С                        | <b>0.0</b> | Elev (masi)         | Color         | •                           | Soil Description          | ıs                |
|                        |                                   |                                    |                            |                                  |                          | 0.6        |                     | BROWN         | FILL /                      |                           | / SOFT            |
|                        |                                   |                                    |                            |                                  |                          | 1.8        |                     | BROWN         | CLAY /                      |                           | / WATER-BEARING   |
|                        |                                   |                                    |                            |                                  |                          | 7.0        |                     | GREY          | LIMESTONE /                 |                           | / HARD            |
| 7155920                | Lot C                             | onc                                |                            | OTTAWA                           | CITY / OTT               | AWA-CARI   | ETON .              |               | Flowing?                    |                           |                   |
| Date 10/28/2010        | Elev                              | (masl)                             | Easting 441400             |                                  |                          |            |                     |               | SWL                         | (mbgs)                    | (masl)            |
| DDMMYY                 | Well_Depth_m: 7.3                 |                                    | Easting 441402<br>UTM RC 3 | Northing<br>margin of error : 10 | 5025183                  |            |                     |               | nping WL                    | (mbgs)                    | (masl)            |
| T I INIIVIO            | weii_Debui_iii. /.:               | ,200001/100130                     | UTWING 3                   | margin of error : 10             | - 30 111                 |            |                     |               | ump Rate                    | (LPM)                     | /                 |
|                        |                                   | Monitoring and Te                  | Monitoring and Test Hol    | le                               |                          | epth (m)   | Elev (masl)         | S             | рес. Сар.                   | (LPM/m)                   | Hr / Min          |
|                        |                                   | (mbgs)<br>61 CLYDE RD              | (masl)                     |                                  | _                        | 0.0        | ()                  | Color         |                             | Soil Description          | ıs                |
|                        | Town/City O                       | TIAVVA                             |                            |                                  |                          |            |                     |               |                             |                           |                   |
|                        |                                   |                                    |                            |                                  |                          | 1.2        |                     | BROWN         | FILL /                      |                           | / DRY             |
|                        |                                   |                                    |                            |                                  |                          | 2.1        |                     | BROWN         | CLAY /                      |                           | / WATER-BEARING   |
|                        |                                   |                                    |                            |                                  |                          | 7.3        |                     | GREY          | LIMESTONE /                 |                           | / HARD            |

| W | Iط | ΙR | 200 | ard | l # |
|---|----|----|-----|-----|-----|
|   |    |    |     |     |     |

| 7155921                             | Lot  | Conc  |  | OTTAW                               | 'A CITY / OTTA                         | WA-CARLE                | ETON          | Flowing  |                  | (h)                                  | (1)  |
|-------------------------------------|--|---|--|-------------------------------------|--|-------------------------|---------------|--|------------------|--------------------------------------|--|
| DDMMY                               |  | (masl)  n: 3.96000003814697  / Monitoring and To  | Easting 441376 UTM RC 3 Te Monitoring and Test H           | margin of error : 1                 |  | epth (m)                | Elev (masl)   | SW<br>Pumping W<br>Pump Ra<br>Spec. Ca                               | L<br>e           | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min              |
|                                     | Water Fo   | und (mbgs)  | (masl)   |                                     | De                                     | 0.0                     | Elev (Illasi) | Color  |                  | Soil Descript                        | iono   |
|                                     |  | et 861 CLYDE ST<br>y OTTAWA   | , ,  |                                     |  | 0.0                     |               | Color  |                  | Soil Descript                        | lions  |
|                                     |  |   |  |                                     |  | 0.9                     |               | BROWN  | 1                |                                      | 1  |
|                                     |  |   |  |                                     |  | 1.8                     |               | BROWN  | CLAY /           |                                      | / SOFT   |
|                                     |  |   |  |                                     |  | 4.0                     |               | GREY   | LIMESTONE /      |                                      | / HARD   |
| 7155922                             | Lot  | Conc  |  | OTTAW                               | A CITY / OTTA                          | ₩A-CARLE                | ETON          | Flowing  | ?                |                                      |  |
|                                     |  |   | =  |                                     | 5005400                                |                         |               | SW   | L                | (mbgs)                               | (masl)   |
| Date 10/28/201                      |  | (masl)  | Easting 441445   | Ū                                   | 5025122                                |                         |               | Pumping W  | L                | (mbgs)                               | (masl)   |
| DDMMY                               | weii_Deptn_n                                       | n: 7.01000022888184   | UTM RC 3   | margin of error : 1                 | 10 - 30 m                              |                         |               | Pump Ra  | e                | (LPM)                                | 1  |
|                                     |  | / Monitoring and T  | Te Monitoring and Test I                                   | Hole                                | Dr                                     | epth (m)                | Elev (masl)   | Spec. Ca   | o.               | (LPM/m)                              | Hr / Min                                       |
|                                     | Water Fo   | und (mbgs)  | (masl)   |                                     | D6                                     | 0.0                     | Liev (masi)   | Color  |                  | Soil Descript                        | tions  |
|                                     |  | ot 861 CLYDE ST<br>y OTTAWA   |  |                                     |  | 0.0                     |               | 55.5.  |                  | Jon 2000p.                           |  |
|                                     |  |   |  |                                     |  | 0.9                     |               | BROWN  | FILL /           |                                      | / SOFT   |
|                                     |  |   |  |                                     |  | 1.8                     |               | BROWN  | CLAY /           |                                      | / DRY  |
|                                     |  |   |  |                                     |  | 7.0                     |               | GREY   | LIMESTONE /      |                                      | / HARD   |
| 7155923                             | Lot  | Conc  |  | OTTAW                               | A CITY / OTTA                          | WA-CARLE                | ETON          | Flowing  | ?                |                                      |  |
| D-4- 40/00/00                       |  | (I)   | F41 444000   | No addition of                      | 5005450                                |                         |               | SW   | L                | (mbgs)                               | (masl)   |
| Date 10/26/20 <sup>-</sup><br>DDMMY |  | (masl)  | Easting 441393<br>UTM RC 3                                 | ~                                   | 5025150                                |                         |               | Pumping W  |                  | (mbgs)                               | (masl)   |
| DDIVINIT                            | weii_Deptii_n                                      | n: 2.44000005722046   | UTWIRC 3   | margin of error : 1                 | 10 - 30 m                              |                         |               | Pump Ra  |                  | (LPM)                                | 1  |
|                                     |  | / Monitoring and T  | Te Monitoring and Test I                                   | Hole                                | _                                      |                         |               | Spec. Ca   | o.               | (LPM/m)                              | Hr / Min                                       |
|                                     |  |   |  |                                     |  |                         |               |  |                  |                                      |  |
|                                     | Water Fo   | und (mbgs)  | · ·  |                                     | Dŧ                                     | epth (m)                | Elev (masl)   | Color  |                  | Soil Descript                        | ions   |
|                                     | Stree  | und (mbgs)<br>et 861 CLYDE RD<br>y OTTAWA   | · ·  |                                     | ы                                      | 0.0                     | Elev (masi)   | Color  |                  | Soil Descript                        | ions   |
|                                     | Stree  | et 861 CLYDE RD   | · ·  |                                     | Б                                      |                         | Elev (masi)   | Color  | SAND /           | Soil Descript                        | ions / DRY                                     |
|                                     | Stree  | et 861 CLYDE RD   | · ·  |                                     |  | 0.0                     | Elev (masi)   |  | SAND /<br>SAND / | Soil Descript                        |  |
| 7155924                             | Stree<br>Town/Cit                                  | ot 861 CLYDE RD<br>y OTTAWA   | · ·  |                                     | 'A CITY / OTTA                         | 0.0<br>1.5<br>2.4       | . ,           | BROWN  | SAND /           | Soil Descript                        | / DRY  |
| 7155924                             | Stree<br>Town/Cit                                  | bit 861 CLYDE RD y OTTAWA   | (masl)   | OTTAW                               | 'A CITY / OTTA                         | 0.0<br>1.5<br>2.4       | . ,           | BROWN<br>BROWN   | SAND /           | Soil Descript                        | / DRY  |
| Date 10/26/201                      | Stree Town/Cit  Lot 0 Elev                         | st 861 CLYDE RD y OTTAWA  Conc (masl)   | (masl)   | OTTAW/                              | A CITY / OTTA<br>5025185               | 0.0<br>1.5<br>2.4       | . ,           | BROWN<br>BROWN   | SAND /           |                                      | / DRY<br>/ WATER-BEARIN                        |
|                                     | Stree Town/Cit  Lot 0 Elev                         | bit 861 CLYDE RD y OTTAWA   | (masl)   | OTTAW/                              | A CITY / OTTA<br>5025185               | 0.0<br>1.5<br>2.4       | . ,           | BROWN<br>BROWN<br>Flowing  | SAND / ? L L     | (mbgs)                               | / DRY<br>/ WATER-BEARIN<br>(masl)              |
| Date 10/26/201                      | Stree Town/Cit  Lot 0 Elev                         | Conc (masl) n: 2.44000005722046   | (masl)  Easting 441424  UTM RC 3                           | OTTAW, Northing margin of error : 1 | 'A CITY / OTTA<br>5025185<br>10 - 30 m | 1.5<br>2.4<br>AWA-CARLE | ETON          | BROWN BROWN Flowing SW Pumping W                                     | SAND /           | (mbgs) (mbgs)                        | / DRY<br>/ WATER-BEARIN<br>(masl)<br>(masl)    |
| <b>Date</b> 10/26/201               | Stree Town/Cit  Lot  U Elev Well_Depth_n  Water Fo | tet 861 CLYDE RD OTTAWA  Conc (masl) n: 2.44000005722046 / Monitoring and Tound (mbgs) out 861 CLYDE RD | (masl)  Easting 441424  UTM RC 3  Te Monitoring and Test I | OTTAW, Northing margin of error : 1 | 'A CITY / OTTA<br>5025185<br>10 - 30 m | 0.0<br>1.5<br>2.4       | . ,           | BROWN BROWN Flowing SW Pumping W Pump Rai                            | SAND /           | (mbgs)<br>(mbgs)<br>(LPM)            | / DRY / WATER-BEARIN  (masl) (masl) / Hr / Min |
| <b>Date</b> 10/26/201               | Stree Town/Cit  Lot  U Elev Well_Depth_n  Water Fo | tet 861 CLYDE RD OTTAWA  Conc (masl) n: 2.44000005722046 / Monitoring and Tound (mbgs)                  | (masl)  Easting 441424  UTM RC 3  Te Monitoring and Test I | OTTAW, Northing margin of error : 1 | 'A CITY / OTTA<br>5025185<br>10 - 30 m | 1.5<br>2.4<br>AWA-CARLE | ETON          | BROWN BROWN Flowing SW Pumping W Pump Ra' Spec. Ca                   | SAND / ? L L ue  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | / DRY / WATER-BEARIN  (masl) (masl) / Hr / Min |
| <b>Date</b> 10/26/201               | Stree Town/Cit  Lot  U Elev Well_Depth_n  Water Fo | tet 861 CLYDE RD OTTAWA  Conc (masl) n: 2.44000005722046 / Monitoring and Tound (mbgs) out 861 CLYDE RD | (masl)  Easting 441424  UTM RC 3  Te Monitoring and Test I | OTTAW, Northing margin of error : 1 | 'A CITY / OTTA<br>5025185<br>10 - 30 m | 1.5<br>2.4<br>AWA-CARLE | ETON          | BROWN<br>BROWN<br>Flowing<br>SW<br>Pumping W<br>Pump Rai<br>Spec. Ca | SAND /           | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | / DRY / WATER-BEARIN  (masl) (masl) / Hr / Min |

| Vell Record #             |                                   |                               |                            |                               | Based on M               | linistry of E           | nvironment Wa | ater Well Inf | ormation Data                  | abase Dec          | ember 31, 2016,           | available online.     |
|---------------------------|-----------------------------------|-------------------------------|----------------------------|-------------------------------|--------------------------|-------------------------|---------------|---------------|--------------------------------|--------------------|---------------------------|-----------------------|
| 7156015                   | Lot                               | Conc                          |                            | OTTAWA (                      | CITY / OTT               | AWA-CARI                | .ETON         |               | Flowing?                       |                    |                           |                       |
| Date 11/23/2010<br>DDMMYY | Elev<br>Well_Depth_m:             | (masl)<br>4.26719999313354    | Easting 441415<br>UTM RC 3 | Northing margin of error : 10 | 5025176<br>- <b>30 m</b> |                         |               |               | SWL<br>Pumping WL<br>Pump Rate |                    | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)<br>/ |
|                           |                                   | •                             | Monitoring and Test Hole   | •                             | 1                        | Depth (m)               | Elev (masl)   |               | Spec. Cap.                     |                    | (LPM/m)                   | Hr / Min              |
|                           | Water Four<br>Street<br>Town/City | 861 CLYDE AVE                 | (masl)                     |                               |                          | 0.0                     |               | Color         |                                |                    | Soil Description          | s                     |
|                           |                                   |                               |                            |                               |                          | 2.1<br>4.3              |               | BROWN<br>GREY | LIM                            | SAND /             | CLAY<br>SHALE             | / SOFT<br>/ DENSE     |
| 7156016                   | Lot                               | Conc                          |                            | OTTAWA (                      | CITY / OTT               | AWA-CARL                | ETON          |               | Flowing?                       |                    |                           |                       |
| Pate 11/24/2010           | Elev                              | (masl)                        | Easting 441436             | Northing                      | 5025123                  |                         |               |               | SWL                            |                    | (mbgs)                    | (masl)                |
| DDMMYY                    |                                   | 4.26719999313354              | UTM RC 3                   | margin of error : 10          |                          |                         |               |               | Pumping WL<br>Pump Rate        |                    | (mbgs)<br>(LPM)           | (masl)                |
|                           |                                   | / Monitoring and Te           | Observation Wells          |                               |                          |                         |               |               | Spec. Cap.                     |                    | (LPM/m)                   | Hr / Min              |
|                           | Water Four<br>Street<br>Town/City | nd (mbgs)<br>861 CLYDE AVE    | (masl)                     |                               | ı                        | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Color         |                                |                    | Soil Description          | s                     |
|                           |                                   |                               |                            |                               |                          | 2.1<br>4.3              |               | BROWN<br>GREY | LIM                            | SAND /             | CLAY                      | /<br>/                |
| 7156734                   | Lot                               | Conc                          |                            | OTTAWA (                      | CITY / OTT               | AWA-CARL                | .ETON         |               | Flowing?                       |                    |                           |                       |
| pate 11/24/2010 DDMMYY    | Elev                              | (masl)<br>4.87680006027222    | Easting 441435<br>UTM RC 3 | Northing margin of error : 10 | 5025120                  |                         |               |               | SWL<br>Pumping WL<br>Pump Rate |                    | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)      |
|                           |                                   | / Monitoring and Te           | Monitoring and Test Hole   | •                             |                          | Depth (m)               | Elev (masl)   |               | Spec. Cap.                     |                    | (LPM/m)                   | Hr / Min              |
|                           | Water Four<br>Street              | nd (mbgs)<br>861 CLYDE AVENUE | (masl)                     |                               |                          | 0.0                     | , , , ,       | Color         |                                |                    | Soil Description          | s                     |
|                           | Town/City                         |                               |                            |                               |                          |                         |               |               |                                |                    |                           |                       |
|                           |                                   |                               |                            |                               |                          | 2.7<br>4.9              |               | BROWN<br>GREY | LIM                            | SAND /<br>ESTONE / | CLAY                      | /                     |
| 7157811                   | Lot                               | Conc                          |                            | OTTAWA (                      | CITY / OTT               | AWA-CARL                | .ETON         | GILLI         | Flowing?                       | LOTONL /           |                           | ,                     |
| ate 12/1/2010             | Elev                              | (masl)                        | Easting 441959             | Northing                      | 5025291                  |                         |               |               | SWL                            |                    | (mbgs)                    | (masl)                |
| DDMMYY                    |                                   | 6.09999990463257              | •                          | margin of error : 10          |                          |                         |               |               | Pumping WL<br>Pump Rate        |                    | (mbgs)<br>(LPM)           | (masl)<br>/           |
|                           |                                   | / Monitoring and To           | Monitoring and Test Hole   | <u>.</u>                      |                          |                         |               |               | Spec. Cap.                     |                    | (LPM/m)                   | Hr / Min              |
|                           | Water Four                        | •                             | (masl)                     | •                             | I                        | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Color         | -                              |                    | Soil Deceristics          | •                     |
|                           |                                   | 1479 LAPIERRE AVE             | . , ,                      |                               |                          | 0.0                     |               | Color         |                                |                    | Soil Description          | s                     |
|                           |                                   |                               |                            |                               |                          | 0.9                     |               | BROWN         |                                | GRAVEL /           | SAND                      | / SOFT                |
|                           |                                   |                               |                            |                               |                          | 4.3                     |               | GREY          |                                | SAND /             | GRAVEL                    | / SOFT                |
|                           |                                   |                               |                            |                               |                          | 6.1                     |               | GREY          |                                | SAND /             | GRAVEL                    | / WATER-BEARING       |
| 7157812                   | Lot                               | Conc                          |                            | OTTAWA                        | CITY / OTT               | AWA-CARI                | ETON          |               | Flowing?<br>SWL                |                    | (mbgs)                    | (masl)                |
| Pate 12/1/2010            | Elev                              | (masl)                        | Easting 441965             | Northing                      | 5025269                  |                         |               |               | Pumping WL                     |                    | (mbgs)                    | (masl)                |
| DDMMYY                    | well_Depth_m:                     | 6.09999990463257              | UTM RC 3                   | margin of error : 10          | - 30 m                   |                         |               |               | Pump Rate                      |                    | (LPM)                     | /                     |
|                           |                                   | -                             | Monitoring and Test Hole   | •                             | 1                        | Depth (m)               | Elev (masl)   |               | Spec. Cap.                     |                    | (LPM/m)                   | Hr / Min              |
|                           | Water Four<br>Street              | nd (mbgs)  1479 LAPIERRE AVE  | (masl)                     |                               |                          | 0.0                     | •             | Color         |                                |                    | Soil Description          | s                     |
|                           |                                   | OTTAWA                        | -                          |                               |                          |                         |               |               |                                |                    |                           |                       |

| ell 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-CAR        | LETON          |                 | Flowing?            |                  |                   |
|              |                                      |                             |                                |                  |                |                 | SWL                 | (mbgs)           | (masl)            |
| ite 12/1/201 | ,                                    | Easting 441941              | Northing 5025265               |                  |                | Pu              | mping WL            | (mbgs)           | (masl)            |
| DDMMY        | Y Well_Depth_m: 5.48999977111816     | UTM RC 3                    | margin of error : 10 - 30 m    |                  |                | P               | ump Rate            | (LPM)            | 1                 |
|              | / Monitoring ar                      | d Te Monitoring and Test Ho | ole                            | Donth (m)        | Flow (magel)   | 8               | Spec. Сар.          | (LPM/m)          | Hr / Min          |
|              | Water Found (mb                      | •                           |                                | Depth (m)<br>0.0 | Elev (masl)    | Color           |                     | Soil Description |                   |
|              | Street 1479 LAPIERE A                | AVE                         |                                | 0.0              |                | Color           |                     | Son Description  | 15                |
|              | Town/City OTTAWA                     |                             |                                |                  |                |                 |                     |                  |                   |
|              | •                                    |                             |                                |                  |                |                 |                     |                  |                   |
|              |                                      |                             |                                | 0.9              |                | BROWN           | GRAVEL /            | SAND             | / SOFT            |
|              |                                      |                             |                                | 4.3              |                | GREY            | COARSE SAND /       | GRAVEL           | / SOFT            |
|              |                                      |                             |                                | 5.5              |                | GREY            | COARSE SAND /       | GRAVEL           | / SOFT            |
| 7158273      | Lot Conc                             |                             | OTTAWA CITY / O                | TTAWA-CAR        | LETON          |                 | Flowing?            |                  |                   |
| e 12/22/201  | 0 Elev (masl)                        | Easting 441259              | Northing 5024978               |                  |                |                 | SWL                 | (mbgs)           | (masl)            |
| DDMMY        | , ,                                  | -                           | margin of error : 30 m - 100 m |                  |                |                 | mping WL            | (mbgs)           | (masl)            |
| DDIMINI      | 7.017777883333700                    | OTHERO 4                    | margin or error : 30 m - 100 m |                  |                |                 | ump Rate            | (LPM)            | /                 |
|              | / Monitoring ar                      | d Te Test Hole              |                                | Depth (m)        | Elev (masl)    | S               | Врес. Сар.          | (LPM/m)          | Hr / Min          |
|              | Water Found (mb                      | gs) (masl)                  |                                | 0.0              | ()             | Color           |                     | Soil Description | ns                |
|              | Street 877 BOYD AVE Town/City Ottawa |                             |                                |                  |                |                 |                     |                  |                   |
|              | •                                    |                             |                                | 0.3              |                | BLACK           | 1                   | GRAVEL           | 1                 |
|              |                                      |                             |                                | 0.0              |                | BLACK           | ,                   | GRAVEL           | ,                 |
|              |                                      |                             |                                |                  |                | BLACK           | ,                   | GRAVEL           | ,                 |
|              |                                      |                             |                                |                  |                | BLACK           | ,                   | GRAVEL           | ,                 |
|              |                                      |                             |                                |                  |                | BLACK           | 1                   | 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            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                | _                |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                | 7.6              |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |
|              |                                      |                             |                                |                  |                | GREY            | LIMESTONE /         |                  | / HARD            |

| DDMMYY   Well_Depth_m: 7.5/99988555508   UTM RC 3   margin of error: 10 - 30 m   Pump Rate   Pump Ra | Well Record #         |  |                                    | Based   | on Ministry of E | nvironment Wa | ater Well Information I                  | Database Dec           | ember 31, 2016,                        | available onl                          | ine.          |
|--|-----------------------|--|------------------------------------|---|------------------|---------------|--|------------------------|--|--|---------------|
| Date    | 7159360               | Lot Conc   |                                    | OTTAWA CITY /                                 | OTTAWA-CARL      | ETON          | _  |                        |  |  |               |
| Tispace   Lot   Core   Contact   Core   Co |                       | Well_Depth_m:         7.61999988555908           / Monitoring and Te           Water Found         (mbgs)           Street         877 BOYD AVE                                  | UTM RC 3 e Test Hole               | -   | Depth (m)        | Elev (masl)   | Pumping W<br>Pump Rat<br>Spec. Cap       | L<br>e                 | (mbgs)<br>(LPM)<br>(LPM/m)             | (masl)<br>/<br>Hr / Min                |               |
| Data    |                       | ·  |                                    |   |                  |               |  |                        |  |  | S             |
| Tito   Color   Color | <b>Date</b> 1/20/2011 | Elev (masl)   Well_Depth_m: 7.6199988555908  | UTM RC 3 e Test Hole               | Northing 50249                                | Depth (m)        |               | SW<br>Pumping W<br>Pump Rat<br>Spec. Cap | L<br>L<br>e            | (mbgs)<br>(LPM)<br>(LPM/m)             | (masl)<br>/<br>Hr / Min                |               |
| Date   2/3/2011   Elev   (mash   Easting   440868   Northing   5025396   Pumping ML (mbgs)   (mash   Mbgs)   |                       |  |                                    |   |                  |               |  |                        |  |  | S             |
| Tid2302  | <b>Date</b> 2/3/2011  | Elev (masl) Well_Depth_m:  / Water Found (mbgs) Street 496 TILLBURY AVE  | UTM RC 3 Abandoned-Other           | Northing 50253                                | 96<br>Depth (m)  |               | SW<br>Pumping W<br>Pump Rat<br>Spec. Cap | L<br>L<br>e<br>o.      | (mbgs)<br>(LPM)<br>(LPM/m)             | (masl)<br>/<br>Hr / Min<br>s           |               |
| Third   Thir | <b>Date</b> 1/6/2011  | Elev (masl) Well_Depth_m:  / Water Found (mbgs) Street   | UTM RC 3                           | Northing 50251                                | 80  Depth (m)    |               | SW<br>Pumping W<br>Pump Rat<br>Spec. Cap | L<br>L<br>e            | (mbgs)<br>(LPM)<br>(LPM/m)             | (masl)<br>(masl)<br>/<br>Hr / Min      |               |
| 9.1 GREY LIMESTONE / HARD  Thursday, July 21, 2022  Page 29 of 63  | <b>Date</b> 4/26/2011 | Elev         (masl)           Well_Depth_m:         9.14000034332275           / Monitoring and Te           Water Found         (mbgs)           Street         877 BOYD AVENUE | UTM RC 3  Monitoring and Test Hole | Northing 50249<br>margin of error : 10 - 30 m | Depth (m)<br>0.0 |               | SW Pumping W Pump Rat Spec. Cap Color    | ?<br>L<br>L<br>e<br>o. | (mbgs) (LPM) (LPM/m)  Soil Description | (masl)<br>(masl)<br>/<br>Hr / Min<br>s |               |
|  |                       | 22   |                                    |   |                  |               |  |                        | OTONEO                                 |  | Page 29 of 63 |

| W | ام | ΙR | 2 | or | d : | # |
|---|----|----|---|----|-----|---|
|   |    |    |   |    |     |   |

| Well Recolu #  |               |                       |                           |                      |                  |             |                |                    | ,,               |                   |
|----------------|---------------|-----------------------|---------------------------|----------------------|------------------|-------------|----------------|--------------------|------------------|-------------------|
| 7163795        | Lot           | Conc                  |                           | OTTAWA               | CITY / OTTAWA-CA | RLETON      | Flow           | ng?                |                  |                   |
|                |               |                       |                           |                      |                  |             | ;              | SWL                | (mbgs)           | (masl)            |
| Date 4/26/2011 | Elev          | (masl)                | Easting 441258            | Northing             | 5024959          |             | Pumping        | WI                 | (mbgs)           | (masl)            |
| DDMMYY         | Well Depth m  | 9.14000034332275      | UTM RC 3                  | margin of error : 10 | 0 - 30 m         |             |                |                    |                  | /                 |
|                |               |                       |                           |                      |                  |             | Pump I         |                    | (LPM)            |                   |
|                |               | / Monitoring and Te   | e Monitoring and Test Hol | le.                  |                  |             | Spec.          | Сар.               | (LPM/m)          | Hr / Min          |
|                | Water Fou     |                       |                           |                      | Depth (m)        | Elev (masl) |                |                    |                  |                   |
|                | water Fou     | <b>nd</b> (mbgs)      | (masl)                    |                      | 0.0              |             | Color          |                    | Soil Description | ns                |
|                | Street        | 877 BOYD AVENUE       |                           |                      |                  |             |                |                    |                  |                   |
|                | Town/City     | Ottawa                |                           |                      |                  |             |                |                    |                  |                   |
|                |               |                       |                           |                      |                  |             |                |                    |                  |                   |
|                |               |                       |                           |                      | 0.3              |             | BLACK          | GRAVEL /           | FILL             | / LOOSE           |
|                |               |                       |                           |                      | 1.5              |             | BROWN          | SAND /             | STONES           | / SOFT            |
|                |               |                       |                           |                      |                  |             |                |                    | 0.0.120          |                   |
|                |               |                       |                           |                      | 9.1              |             | GREY           | LIMESTONE /        |                  | / HARD            |
| 7163796        | Lot           | Conc                  |                           | OTTAWA               | CITY / OTTAWA-CA | RI FTON     | Flow           | na?                |                  |                   |
| 7 1037 30      | LOT           | Conc                  |                           | 01171177             |                  | VEL I OIL   |                | SWL                | (mbgs)           | (masl)            |
| Date 4/26/2011 | Elev          | (masl)                | Easting 441274            | Northing             | 5024980          |             |                |                    |                  | , ,               |
| DDMMYY         |               | , ,                   | -                         | _                    |                  |             | Pumping        |                    | (mbgs)           | (masl)            |
| DOININITY      | weil_pebtil_m | : 9.14000034332275    | UTM RC 3                  | margin of error : 10 | u - 3u M         |             | Pump I         | Rate               | (LPM)            | 1                 |
|                |               | / Manito-i            | - Manitarina T            | la.                  |                  |             | Spec.          | Сар.               | (LPM/m)          | Hr / Min          |
|                |               | •                     | e Monitoring and Test Hol | ie                   | Depth (m)        | Elev (masl) | .,             | •                  | /                | •                 |
|                | Water Fou     | <b>nd</b> (mbgs)      | (masl)                    |                      | 0.0              |             | Color          |                    | Soil Description | ns                |
|                | Street        | 877 BOYD AVENUE       |                           |                      | ***              |             |                |                    |                  |                   |
|                | Town/City     |                       |                           |                      |                  |             |                |                    |                  |                   |
|                | i owincity    | Guawa                 |                           |                      |                  |             |                |                    |                  |                   |
|                |               |                       |                           |                      | 0.3              |             | BLACK          | GRAVEL /           | FILL             | / LOOSE           |
|                |               |                       |                           |                      | 1.5              |             | BROWN          | SAND /             | STONES           | / SOFT            |
|                |               |                       |                           |                      |                  |             |                |                    | SIUNES           |                   |
|                |               |                       |                           |                      | 9.1              |             | GREY           | LIMESTONE /        |                  | / HARD            |
| 7163797        | Lot           | Conc                  |                           | OTTAWA               | CITY / OTTAWA-CA | RIFTON      | Flow           | na?                |                  |                   |
| 1103191        | LUI           | Conc                  |                           | OTIAWA               | CITT OTTAWA-OA   | VEL I OIN   |                | SWL                | (mbgo)           | (masl)            |
| Date 4/26/2011 | Elev          | (masl)                | Easting 441276            | Northing             | 5024979          |             |                |                    | (mbgs)           | ` '               |
|                |               | , ,                   | -                         | -                    |                  |             | Pumping        | WL                 | (mbgs)           | (masl)            |
| DDMMYY         | weii_Deptn_m  | : 9.14000034332275    | UTM RC 3                  | margin of error : 10 | U - 30 M         |             | Pump I         | Rate               | (LPM)            | /                 |
|                |               | / Manifestines and To | - Manifeston and Task Ha  |                      |                  |             | Spec. (        | Сар.               | (LPM/m)          | Hr / Min          |
|                |               | •                     | e Monitoring and Test Hol | ie                   | Depth (m)        | Elev (masl) |                | •                  | , ,              |                   |
|                | Water Fou     | <b>nd</b> (mbgs)      | (masl)                    |                      | 0.0              |             | Color          |                    | Soil Description | ns                |
|                | Street        | 877 BOYD AVENUE       | <u>:</u>                  |                      |                  |             |                |                    |                  |                   |
|                |               |                       |                           |                      |                  |             |                |                    |                  |                   |
|                | Town/City     | Ottawa                |                           |                      |                  |             |                |                    |                  |                   |
|                |               |                       |                           |                      | 0.3              |             | BLACK          | GRAVEL /           | FILL             | / LOOSE           |
|                |               |                       |                           |                      |                  |             | BROWN          | SAND /             | STONES           | / SOFT            |
|                |               |                       |                           |                      | 1.5              |             |                |                    | SIUNES           |                   |
|                |               |                       |                           |                      | 9.1              |             | GREY           | LIMESTONE /        |                  | / HARD            |
| 7163798        | Lot           | Conc                  |                           | OTTAWA               | CITY / OTTAWA-CA | RIFTON      | Flow           | na?                |                  |                   |
| 1 1031 90      | LUI           | COLIC                 |                           | OTTAWA               | COLL OLLAWA-CA   | VEL I OIN   |                | SWL                | (mbas)           | (masl)            |
| Date 4/26/2011 | Elev          | (masl)                | Easting 441280            | Northing             | 5024973          |             |                |                    | (mbgs)           | ` '               |
|                |               |                       | -                         | •                    |                  |             | Pumping        | WL                 | (mbgs)           | (masl)            |
| DDMMYY         | weii_Depth_m  | 9.14000034332275      | UTM RC 3                  | margin of error : 10 | บ - 30 M         |             | Pump I         | Rate               | (LPM)            | 1                 |
|                |               |                       |                           |                      |                  |             | Spec.          |                    | (LPM/m)          | Hr / Min          |
|                |               | •                     | e Monitoring and Test Hol | le                   | Depth (m)        | Elev (masl) | Spec. v        | -up.               | (=: 140111)      | / IVIIII          |
|                |               | nd (mbgs)             | (masl)                    |                      | 0.0              | - ()        | Color          |                    | Soil Description | ns                |
|                | Water Fou     |                       |                           |                      | 0.0              |             | COIOI          |                    | Sou pescription  | 110               |
|                |               | 877 BOYD AVENUE       |                           |                      |                  |             |                |                    |                  |                   |
|                | Street        | 877 BOYD AVENUE       |                           |                      |                  |             |                |                    |                  |                   |
|                |               |                       |                           |                      |                  |             |                |                    |                  |                   |
|                | Street        |                       | :                         |                      | 0.0              |             | DI AOK         | ODAVE: /           | FUL              | / 10005           |
|                | Street        |                       | :                         |                      | 0.3              |             | BLACK          | GRAVEL /           | FILL             | / LOOSE           |
|                | Street        |                       | :                         |                      | 0.3<br>1.5       |             | BLACK<br>BROWN | GRAVEL /<br>SAND / | FILL<br>STONES   | / LOOSE<br>/ SOFT |
|                | Street        |                       | :                         |                      |                  |             |                |                    |                  |                   |
|                | Street        |                       |                           |                      | 1.5              |             | BROWN          | SAND /             |                  | / SOFT            |

| 710         |                           |   |  |  |   |             |  |                          |  |  |
|-------------|---------------------------|---|--|--|---|-------------|--|--------------------------|--|--|
|             | 66658                     | Lot Conc  |  | OTTAWA CITY / C                                | OTTAWA-CARL   | ETON        | Flowing?   |                          |  |  |
| ate         | 7/6/2011<br><b>DDMMYY</b> | Elev (masl) Well_Depth_m:   | Easting 441565<br>UTM RC 3                                       | Northing 502554<br>margin of error : 10 - 30 m | 13  Depth (m)   | Elev (masi) | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.   |                          | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)   | (masl)<br>(masl)<br>/<br>Hr / Min                                  |
|             |                           | Water Found (mb   | gs) (masl)   |  | 0.0   | Liev (masi) | Color  |                          | Soil Descriptions  |  |
|             |                           | Street<br>Town/City   |  |  |   |             |  |                          |  |  |
| 71          | 71580                     | Lot Conc  |  | OTTAWA CITY / C                                | OTTAWA-CARL   | ETON        | Flowing?   |                          |  | I  |
|             | 8/22/2011                 |   | <b>Easting</b> 441429  |  |   |             | SWL  |                          | (mbgs)   | (masl)   |
| Date        | DDMMYY                    | Elev (masl) Well_Depth_m:   | Easting 441429<br>UTM RC 3                                       | Northing 502507<br>margin of error : 10 - 30 m | 75  |             | Pumping WL   |                          | (mbgs)   | (masl)   |
|             |                           |   |  | mangin or on or 1 to to in                     |   |             | Pump Rate<br>Spec. Cap.  |                          | (LPM)<br>(LPM/m)   | /<br>Hr / Min  |
|             |                           | /<br><b>Water Found</b> (mb   | an) (manl)   |  | Depth (m)   | Elev (masl) |  |                          |  |  |
|             |                           | Street  | gs) (masl)   |  | 0.0   |             | Color  |                          | Soil Descriptions  |  |
|             |                           | Town/City   |  |  |   |             |  | 1                        |  | /  |
| 71          | 72118                     | Lot Conc  |  | OTTAWA CITY / C                                | OTTAWA-CARL   | ETON        | Flowing?   |                          |  |  |
| Date        | 10/15/2011                |   | Easting 441395   |  |   |             | SWL  |                          | (mbgs)   | (masl)   |
| Jate        | DDMMYY                    | Elev (masl) Well_Depth_m: 4.26999998092651  | -  | Northing 502515<br>margin of error : 10 - 30 m | 50  |             | Pumping WL   |                          | (mbgs)   | (masl)   |
|             | 22                        |   |  | -  |   |             | Pump Rate<br>Spec. Cap.  |                          | (LPM)<br>(LPM/m)   | /<br>Hr / Min  |
|             |                           | -   | d Te Monitoring and Test H                                       | ole  | Depth (m)   | Elev (masl) | эрес. Сар.   |                          | (EF W/III)   | i ii / IVIIII  |
|             |                           | Water Found (mb<br>Street 861 CLYDE AVE<br>Town/City Ottawa   |  |  | 0.0   |             | Color  |                          | Soil Descriptions  |  |
|             |                           |   |  |  | 2.4<br>4.3  |             | BROWN<br>GREY LIM  | SAND /<br>IESTONE /      | SOFT   | / DRY<br>/ FRACTURED   |
| 71          | 72119                     | Lot Conc  |  | OTTAWA CITY / C                                | OTTAWA-CARL   | ETON        | Flowing?   |                          |  |  |
| Date        | 10/16/2011                | Elev (masl)   | Easting 441390   | Northing 502518                                | 38  |             | SWL  |                          | (mbgs)   | (masl)   |
| Julio       |                           |   | •  | margin of error : 10 - 30 m                    |   |             | Pumping WL   |                          | (mbgs)   | (masl)   |
|             | DDMMYY                    | Well_Depth_m: 4.26999998092651  |  |  |   |             | Dumn Bata  |                          | (I DM)   | ,  |
|             | DDMMYY                    |   | d To Took Hal-   | •  |   |             | Pump Rate<br>Spec. Cap.  |                          | (LPM)<br>(LPM/m)   | /<br>Hr / Min  |
|             | DDMMYY                    | / Monitoring an   |  | -  | Depth (m)   | Elev (masi) | Spec. Cap.   |                          | (LPM/m)  |  |
|             | DDMMYY                    |   | gs) (masl)   |  | <b>Depth (m)</b><br>0.0   | Elev (masl) | •  |                          |  |  |
|             | DDMMYY                    | / Monitoring an Water Found (mb Street 861 CLYDE AVE  | gs) (masl)   |  | 0.0   | Elev (masl) | Spec. Cap.   | I                        | (LPM/m)  |  |
|             | DDMMYY                    | / Monitoring an Water Found (mb Street 861 CLYDE AVE  | gs) (masl)   |  |   | Elev (masl) | Spec. Cap.   | /<br>SAND /              | (LPM/m)  |  |
|             | DDMMYY                    | / Monitoring an Water Found (mb Street 861 CLYDE AVE  | gs) (masl)   |  | 0.0   | Elev (masi) | Spec. Cap.  Color  BROWN BROWN   | /<br>SAND /<br>IESTONE / | (LPM/m)  Soil Descriptions   | / CEMENTED   |
| 717         | 72120                     | / Monitoring an Water Found (mb Street 861 CLYDE AVE  | gs) (masl)   | OTTAWA CITY / C                                | 0.0<br>0.3<br>2.1<br>4.3  |             | Spec. Cap.  Color  BROWN BROWN   |                          | (LPM/m)  Soil Descriptions   | / CEMENTED<br>/ DRY  |
|             | 72120                     | / Monitoring an Water Found (mb Street 861 CLYDE AVE Town/City Ottawa  Lot Conc   | gs) (masl)<br>:  |  | 0.0<br>0.3<br>2.1<br>4.3<br>DTTAWA-CARL                           |             | Spec. Cap.  Color  BROWN BROWN GREY  Flowing? SWL  |                          | (LPM/m)  Soil Descriptions  SOFT   | / CEMENTED<br>/ DRY<br>/ HARD<br>(masl)                            |
|             | <b>72120</b> 10/19/2011   | / Monitoring an Water Found (mb Street 861 CLYDE AVE Town/City Ottawa   | gs) (masl) :  Easting 441397                                     | Northing 502510                                | 0.0<br>0.3<br>2.1<br>4.3<br>DTTAWA-CARL                           |             | Spec. Cap.  Color  BROWN BROWN GREY LIM Flowing? SWL Pumping WL                          |                          | (LPM/m)  Soil Descriptions  SOFT  (mbgs) (mbgs)                                | / CEMENTED<br>/ DRY<br>/ HARD<br>(masl)<br>(masl)                  |
|             | 72120                     | Water Found (mb Street 861 CLYDE AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 4.88000011444092  | gs) (masl)  Easting 441397  UTM RC 3                             |  | 0.0<br>0.3<br>2.1<br>4.3<br>DTTAWA-CARL                           |             | Spec. Cap.  Color  BROWN BROWN GREY LIM Flowing? SWL Pumping WL Pump Rate                |                          | (LPM/m)  Soil Descriptions  SOFT  (mbgs) (mbgs) (LPM)                          | / CEMENTED<br>/ DRY<br>/ HARD<br>(masl)<br>(masl)                  |
|             | <b>72120</b> 10/19/2011   | Water Found (mb Street 861 CLYDE AVE Town/City Ottawa  Lot Conc Elev (masl)   | gs) (masl)  Easting 441397  UTM RC 3  dd Te Test Hole gs) (masl) | Northing 502510                                | 0.0<br>0.3<br>2.1<br>4.3<br>DTTAWA-CARL                           |             | Spec. Cap.  Color  BROWN BROWN GREY LIM Flowing? SWL Pumping WL                          |                          | (LPM/m)  Soil Descriptions  SOFT  (mbgs) (mbgs)                                | / CEMENTED / DRY / HARD  (masl) (masl) / Hr / Min                  |
| 717<br>Date | <b>72120</b> 10/19/2011   | Water Found (mb Street 861 CLYDE AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 4.88000011444092 / Monitoring an Water Found (mb Street 861 CLYDE AVE | gs) (masl)  Easting 441397  UTM RC 3  dd Te Test Hole gs) (masl) | Northing 502510                                | 0.0<br>0.3<br>2.1<br>4.3<br>DTTAWA-CARL<br>09<br>Depth (m)<br>0.0 | ETON        | Spec. Cap.  Color  BROWN BROWN GREY  Flowing? SWL Pumping WL Pump Rate Spec. Cap.  Color | ESTONE /                 | (LPM/m) Soil Descriptions  SOFT  (mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions | / CEMENTED<br>/ DRY<br>/ HARD<br>(masl)<br>(masl)<br>/<br>Hr / Min |
|             | <b>72120</b> 10/19/2011   | Water Found (mb Street 861 CLYDE AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 4.88000011444092 / Monitoring an Water Found (mb Street 861 CLYDE AVE | gs) (masl)  Easting 441397  UTM RC 3  dd Te Test Hole gs) (masl) | Northing 502510                                | 0.0<br>0.3<br>2.1<br>4.3<br>DTTAWA-CARL<br>09                     | ETON        | Spec. Cap.  Color  BROWN BROWN GREY  Flowing? SWL Pumping WL Pump Rate Spec. Cap.        |                          | (LPM/m)  Soil Descriptions  SOFT  (mbgs) (mbgs) (LPM) (LPM/m)                  | / CEMENTED / DRY / HARD  (masl) (masl) / Hr / Min                  |

| Well F | Record #                    |                                      |                            |                                       |                                  | Based on Ministry          | of Environmen | t Water Well Infor | mation Database Dec           | ember 31, 2016            | , available online.   |
|--------|-----------------------------|--------------------------------------|----------------------------|---------------------------------------|----------------------------------|----------------------------|---------------|--------------------|-------------------------------|---------------------------|-----------------------|
|        |                             |                                      |                            |                                       |                                  | 4.9                        |               | GREY               | LIMESTONE /                   |                           | 1                     |
| 7′     | 172121                      | Lot C                                | Conc                       |                                       | OTTAWA                           | CITY / OTTAWA-             | CARLETON      |                    | Flowing?                      |                           |                       |
| Date   | 10/19/2011<br><b>DDMMYY</b> | Elev<br>Well_Depth_m: 4              | (masl)<br>4.57000017166138 | <b>Easting</b> 441425 <b>UTM RC</b> 3 | Northing margin of error : 10    | 5025089<br><b>) - 30 m</b> |               |                    | SWL<br>Imping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)<br>/ |
|        |                             |                                      | / Monitoring and Te        | Test Hole                             |                                  | Depth (                    | n) Elev (mas  | n :                | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|        |                             | Water Found<br>Street S<br>Town/City | 861 CLYDE AVE              | (masl)                                |                                  | 0.0                        | ,             | Color              |                               | Soil Description          | ons                   |
|        |                             |                                      |                            |                                       |                                  | 1.8                        |               | BROWN              | SAND /                        |                           | 1                     |
|        |                             |                                      |                            |                                       |                                  | 2.4                        |               | GREY               | CLAY /                        | SAND                      | 1                     |
|        |                             |                                      |                            |                                       |                                  | 4.6                        |               | GREY               | LIMESTONE /                   |                           | 1                     |
| 7′     | 172122                      | Lot C                                | Conc                       |                                       | OTTAWA                           | CITY / OTTAWA-             | CARLETON      |                    | Flowing?                      |                           |                       |
| Date   | 10/23/2011                  | Elev                                 | (masl)                     | Easting 441394                        | Northing                         | 5025159                    |               |                    | SWL                           | (mbgs)                    | (masl)                |
| Date   | DDMMYY                      | Well_Depth_m: 4                      | , ,                        | UTM RC 3                              | margin of error : 10             |                            |               |                    | mping WL                      | (mbgs)                    | (masl)                |
|        | DDIMINITI                   | Wen_beptn_in.                        | .00000011444072            | OTHING 5                              | margin or error . It             | ) - 30 III                 |               |                    | Pump Rate                     | (LPM)                     | /                     |
|        |                             |                                      | / Monitoring and Te        |                                       |                                  | Depth (                    | n) Elev (mas  |                    | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|        |                             | Water Found<br>Street<br>Town/City   | 861 CLYDE AVE              | (masl)                                |                                  | 0.0                        |               | Color              |                               | Soil Description          | ons                   |
|        |                             |                                      |                            |                                       |                                  | 2.7                        |               | BROWN              | SAND /                        | SOFT                      | / DRY                 |
|        |                             |                                      |                            |                                       |                                  | 4.9                        |               | GREY               | LIMESTONE /                   | HARD                      | / FRACTURED           |
| 7′     | 172199                      | Lot (                                | Conc                       |                                       | OTTAWA                           | CITY / OTTAWA-             | CARLETON      |                    | Flowing?                      |                           |                       |
| Date   | 10/15/2011                  | Elev                                 | (masl)                     | Easting 441398                        | Northing                         | 5025161                    |               |                    | SWL                           | (mbgs)                    | (masl)                |
| Date   | DDMMYY                      | Well_Depth_m: 4                      | ` '                        | UTM RC 3                              | margin of error : 10             |                            |               |                    | imping WL                     | (mbgs)                    | (masl)                |
|        | <b>DD</b>                   | Won_Boptn_m: 4                       |                            | O'mino o                              | margin or error . It             | ) - 30 III                 |               |                    | Pump Rate                     | (LPM)                     | /                     |
|        |                             |                                      | / Monitoring and Te        |                                       |                                  | Depth (                    | n) Elev (mas  |                    | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|        |                             | Water Found                          | ( 3 /                      | (masl)                                |                                  | 0.0                        |               | Color              |                               | Soil Description          | ons                   |
|        |                             |                                      | 861 CLYDE AVE              |                                       |                                  |                            |               |                    |                               |                           |                       |
|        |                             | Town/City                            | Ottawa                     |                                       |                                  |                            |               |                    |                               |                           |                       |
|        |                             |                                      |                            |                                       |                                  | 2.5                        |               | BROWN              | SAND /                        | SOFT                      | / DRY                 |
|        |                             |                                      |                            |                                       |                                  | 4.6                        |               | GREY               | LIMESTONE /                   |                           | / FRACTURED           |
| 7′     | 175486                      | Lot C                                | Conc                       |                                       | OTTAWA                           | CITY / OTTAWA-             | CARLETON      |                    | Flowing?                      |                           |                       |
| Data   | 10/7/2011                   | Flori                                | (mool)                     | Faction 444454                        | Nauthina                         | 5025000                    |               |                    | SWL                           | (mbgs)                    | (masl)                |
| Date   | 10/7/2011<br><b>DDMMYY</b>  | Elev Well_Depth_m: 7                 | (masl)                     | Easting 441151<br>UTM RC 3            | Northing<br>margin of error : 10 | 5025090                    |               |                    | ımping WL                     | (mbgs)                    | (masl)                |
|        | DOMINIT                     | ****II_Deptii_III. /                 | .724,7771712042            | OTWING 3                              | margin or entor . It             | ) - UU III                 |               |                    | Pump Rate                     | (LPM)                     | /                     |
|        |                             |                                      | -                          | Monitoring and Test Ho                | е                                | Depth (                    | n) Elev (mas  |                    | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|        |                             | Water Found                          | (mbgs)                     | (masl)                                |                                  | 0.0                        | ,             | Color              |                               | Soil Description          | ons                   |
|        |                             | Street                               | 836 BOYD STREET            |                                       |                                  |                            |               |                    |                               | •                         |                       |
|        |                             |                                      |                            |                                       |                                  |                            |               |                    |                               |                           |                       |

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   | owing?   |                                      |   |
| Date 2/11/2012<br>DDMMYY       | Elev (masl) Well_Depth_m: 12.1499996185303 / Monitoring and 7             | Easting 441396<br>UTM RC 4           | Northing 5025184<br>margin of error : 30 m - 100 m                    |   | Elev (masl)   | Pun  | SWL<br>ping WL<br>np Rate<br>ec. Cap.  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min                         |
|                                | Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA                  | (masl)                               |   | 0.0                                     |               | Color  |  | Soil Description                     | s   |
|                                |   |                                      |   | 1.5<br>12.1                             |               | BROWN<br>GREY                                    | FILL /<br>LIMESTONE /  | GRAVEL                               | / SAND<br>/ FRACTURED                                     |
| 7180633                        | Lot Conc  |                                      | NEPEAN TOWNSHIP / O   | TTAWA-CARL                              | ETON          | FI   | lowing?  |                                      |   |
| Date 2/6/2012<br>DDMMYY        | Elev (masl) Well_Depth_m: 11.8900003433228                                | Easting 441415<br>UTM RC 4           | Northing 5025186<br>margin of error : 30 m - 100 m                    |   |               | Pun  | SWL<br>bing WL<br>np Rate  | (mbgs)<br>(mbgs)<br>(LPM)            | (masl)<br>(masl)<br>/                                     |
|                                | / Monitoring and T Water Found (mbgs) Street 861 CLYDE AVE                |                                      |   | <b>Depth (m)</b><br>0.0                 | Elev (masl)   | Color  | ес. Сар.   | (LPM/m) Soil Description             | Hr / Min<br>s   |
|                                | Town/City Ottawa  |                                      |   | 0.3<br>2.4<br>4.3<br>5.5<br>7.6<br>11.3 |               | BROWN<br>BROWN<br>GREY<br>BLACK<br>GREY<br>BLACK | TOPSOIL /<br>SAND /<br>LIMESTONE /<br>SHALE /<br>LIMESTONE /<br>SHALE /      | CLAY                                 | / / STONES / FRACTURED / LAYERED / LAYERED / FRACTURED    |
|                                |   |                                      |   | 11.9                                    |               | GREY   | LIMESTONE /  |                                      | / LAYERED   |
| 7180634  Date 2/25/2012 DDMMYY | Lot   |                                      | OTTAWA CITY / O Northing 5025197 margin of error : 30 m - 100 m       | ,                                       | Elev (masi)   | Pump<br>Pun                                      | owing?<br>SWL<br>oling WL<br>np Rate<br>ac. Cap.                             | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min                         |
|                                | Tombolly Chana  |                                      |   | 0.6<br>12.2                             |               | BROWN<br>GREY                                    | GRAVEL /<br>LIMESTONE /  | SAND                                 | / SOFT<br>/ FRACTURED                                     |
| 7180635  Date 2/8/2012  DDMMYY | Lot Conc  Elev (masl)  Well_Depth_m: 11.8900003433228  / Monitoring and T | Easting 441439 UTM RC 4 Fe Test Hole | NEPEAN TOWNSHIP / O  Northing 5025098  margin of error : 30 m - 100 m | 3                                       | ETON          | FI<br>Pump<br>Pun                                | lowing?<br>SWL<br>ping WL<br>np Rate<br>ec. Cap.                             | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min                         |
|                                | Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA                  | (masl)                               |   | 0.0                                     | Liev (masi)   | Color  |  | Soil Description                     | s   |
|                                |   |                                      |   | 0.3<br>2.4                              |               | GREY<br>BLACK<br>GREY<br>GREY<br>BLACK<br>BROWN  | LIMESTONE /<br>SHALE /<br>LIMESTONE /<br>LIMESTONE /<br>SHALE /<br>TOPSOIL / | SAND                                 | / FRACTURED / LAYERED / FRACTURED / FRACTURED / LAYERED / |

Record Count 83

| Well Record # | : |
|---------------|---|
|---------------|---|

| Water Found   (mbgs)   (mast)   (mast | (masl)<br>(masl) |
|--|------------------|
| Pumping W.   Pum | (masl)           |
| Water Found    | Hr / Min         |
| Street   | II / IVIIII      |
| 2.4   BROWN   SAND   SLATE   4.0   GREY  |                  |
| 4.0   GREY   | 1                |
| A.9   GREY   | 1                |
| T180637  | / FRACTURED      |
| 10.4   BLACK   7   12.5   GREY   7   12.5   Table  | / LAYERED        |
| T180637  | / LAYERED        |
| T180637  | / FRACTURED      |
| Date   2/9/2012   Elev   (masl)   Easting   441425   Northing   5025194   Pumping WL   (mbgs)  | / LAYERED        |
| Date   2/9/2012   Elev   (masl)   Easting   441425   Northing   5025194   Pumping WL   (mbgs)  |                  |
| DDMMYY   Well_Depth_m:   11.8900003433228  | (masl)           |
| Monitoring and Te Test Hole   Spec. Cap.   (LPM)   Holling Rate   (LPM)  | (masl)           |
| Water Found  | 1                |
| Water Found         (mbgs)         (masl)         0.0         Color         Soil Descriptions           Street         861 CLYDE AVE         Town/City         Ottawa  | Hr / Min         |
| Street         861 CLYDE AVE           Town/City         Ottawa           0.3         BROWN         TOPSOIL /           2.4         BROWN         SAND /         SILT           5.5         GREY         LIMESTONE /   |                  |
| 2.4         BROWN         SAND /         SILT           5.5         GREY         LIMESTONE /   |                  |
| 5.5 GREY LIMESTONE /   | 1                |
|  | / SOFT           |
| 7.6 BLACK SHALE /  | / FRACTURED      |
|  | / LAYERED        |
| 11.3 GREY LIMESTONE /  | / FRACTURED      |
|  | / FRACTURED      |
| 7180990 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Flowing? SWL (mbgs)   | (masl)           |
| Date         1/5/2012         Elev         (masl)         Easting         441573         Northing         5025539         Pumping WL         (mbgs)  | (masl)           |
| DDMMYY Well_Depth_m: 5.03000020980835 UTM RC 4 margin of error: 30 m - 100 m Pump Rate (LPM)   | 1                |
|  | Hr / Min         |
| Meter Found (most) Depth (m) Elev (masi)   |                  |
| Water Found (migs) (mass) 0.0 Color Soil Descriptions Street 1599 CARLING AVE Town/City OTTAWA   |                  |
| 0.2 GRAVEL / FILL  | 1                |
| 0.9 BROWN SAND / FILL  | 1                |
| 1.4  | / CEMENTED       |
|  | 1                |
| 7183403 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Flowing? SWL (mbgs)   | (masl)           |
| Date         2/7/2012         Elev         (masl)         Easting         441382         Northing         5025209         Pumping WL         (mbgs)  | (masl)           |
| DDMMYY Well_Depth_m: 11.8900003433228 UTM RC 4 margin of error : 30 m - 100 m Pump Rate (LPM)  | /                |
| / Monitoring and To Took Hole Spec. Cap. (LPM/m) H   | Hr / Min         |
| Meta Found (mode) Depth (m) Elev (mast)  |                  |
| Water Found (IIIDGS) (IIIASI) 0.0 Color Soil Descriptions Street 861 CLYDE AVE Town/City Ottawa  |                  |

|                          |  |   | Based of  | on willingtry or i                                     |             | ater wen innorma   | ition Database Dec  | ember 31, 2016, a  | available online.   |
|--------------------------|--|---|---|--|-------------|--|---|--|---|
|                          |  |   |   | 0.3  |             | BLACK  | 1   | GRAVEL   | 1   |
|                          |  |   |   | 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  | / EXTERED   |
|                          |  |   |   | 11.9   |             | GREY   | LIMESTONE /   | FRACTURED  | ,   |
|                          | 1  |   |   |  |             |  |   | FRACTURED  |   |
| 7183405                  | Lot Conc   |   | NEPEAN TOWNSHIP / (   | OTTAWA-CAR   | LETON       | FI   | owing?<br>SWL   | (mah ma)   | (2222)  |
| Date 2/7/2012            | Elev (masl)  | <b>Easting</b> 441417   | Northing 502519   | 99   |             | Dume   | oing WL   | (mbgs)   | (masl)<br>(masl)  |
| DDMMYY                   | Well_Depth_m: 11.890000343322  | 8 UTM RC 4  | margin of error : 30 m - 100 r  | m  |             |  | np Rate   | (mbgs)<br>(LPM)  | (IIIdSI)<br>/   |
|                          |  |   | · ·   |  |             |  | •   | , ,  | •   |
|                          | / Monitoring a   | nd Te Test Hole   |   | Depth (m)  | Elev (masl) | Spe  | ec. Cap.  | (LPM/m)  | Hr / Min  |
|                          | Water Found (mb  | bgs) (masl)   |   | 0.0  |             | Color  |   | Soil Descriptions  | s   |
|                          | Street 861 CLYDE AVI<br>Town/City Ottawa   | E   |   | 0.0  |             | 55.5.  |   | Con Doon phone   |   |
|                          |  |   |   | 0.3  |             | BROWN  | TOPSOIL /   |  | 1   |
|                          |  |   |   | 2.4  |             | BROWN  | SILT /  | STONES   | ,<br>/ CLAY   |
|                          |  |   |   | 4.6  |             | GREY   | LIMESTONE /   | STONEO   | / FRACTURED   |
|                          |  |   |   | 6.1  |             | BLACK  | SHALE /   | LAYERED  | / TRACTORED   |
|                          |  |   |   | 7.3  |             |  | LIMESTONE /   | LATERED  | / EDACTURED   |
|                          |  |   |   |  |             | GREY   |   |  | / FRACTURED   |
|                          |  |   |   | 10.7   |             | BLACK  | SHALE /   |  | / LAYERED   |
|                          | 1  |   |   | 11.9   |             | GREY   | LIMESTONE /   |  | / FRACTURED   |
| 7188765                  | Lot Conc   |   | OTTAWA CITY / (   | OTTAWA-CAR   | LETON       | FI   | owing?  |  |   |
| Date 5/24/2012           | Elev (masl)  | Easting 441509  | Northing 50255  | 33   |             |  | SWL   | (mbgs)   | (masl)  |
|                          | , ,  | ~   | -   |  |             |  | oing WL   | (mbgs)   | (masl)  |
| DDMMYY                   | Well_Depth_m:  | UTM RC 4  | margin of error : 30 m - 100 r  | ш  |             |  | np Rate   | (LPM)  | /   |
|                          | /  |   |   | 5 44 5   | <b>-</b>    | Spe  | ec. Cap.  | (LPM/m)  | Hr / Min  |
|                          | Water Found (mb  | bgs) (masl)   |   | Depth (m)  | Elev (masl) |  |   |  |   |
|                          | Street   | ,go) (ao.)  |   | 0.0  |             | Color  |   | Soil Descriptions  | \$  |
|                          | Town/City  |   |   |  |             |  |   |  |   |
|                          | Townselty  |   |   |  |             |  |   |  |   |
|                          | 1  |   |   |  |             |  |   |  | 1   |
|                          |  |   | NEPEAN TOWNSHIP /   | OTTAWA-CAR   | LETON       | FI   | owing?  |  |   |
| 7197302                  | Lot Conc   |   |   |  |             |  |   |  |   |
|                          | ]  | Easting 441260  | Northing 50250  | 05   |             |  | SWL   | (mbgs)   | (masl)  |
| Date 1/14/2013           | Elev (masl)  | -   | Northing 50250  |  |             | Pump   | SWL<br>bing WL  | (mbgs)   | (masl)  |
|                          | ]  | ~   | Northing 502500<br>margin of error : 30 m - 100 r                       |  |             |  |   | (mbgs)<br>(LPM)  | (masl)  |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590  | 08 UTM RC 4   | margin of error : 30 m - 100 ı  | m  |             | Pur  | oing WL   | (mbgs)   | (masl)  |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring a   | of Section 2018 UTM RC 4 and Te Monitoring and Test Ho  | margin of error : 30 m - 100 ı  | m<br>Depth (m)   | Elev (masl) | Pur<br>Spe   | oing WL<br>np Rate  | (mbgs)<br>(LPM)<br>(LPM/m)   | (masl)<br>/<br>Hr / Min   |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring a Water Found (mb   | of the Monitoring and Test Hobgs) (masl)  | margin of error : 30 m - 100 ı  | m  |             | Pur  | oing WL<br>np Rate  | (mbgs)<br>(LPM)  | (masl)<br>/<br>Hr / Min   |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring a Water Found (mt   | of the Monitoring and Test Hobgs) (masl)  | margin of error : 30 m - 100 ı  | m<br>Depth (m)   |             | Pur<br>Spe   | oing WL<br>np Rate  | (mbgs)<br>(LPM)<br>(LPM/m)   | (masl)<br>/<br>Hr / Min   |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring a Water Found (mb   | of the Monitoring and Test Hobgs) (masl)  | margin of error : 30 m - 100 ı  | m  Depth (m)  0.0                                      |             | Pur<br>Spe<br>Color  | oing WL<br>np Rate<br>nc. Cap.  | (mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptions                              | (masl)<br>/<br>Hr / Min<br>s                                    |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring a Water Found (mt   | of the Monitoring and Test Hobgs) (masl)  | margin of error : 30 m - 100 ı  | Depth (m)<br>0.0                                       |             | Pur<br>Spe<br>Color<br>BROWN                                     | oing WL<br>np Rate<br>nc. Cap.  | (mbgs)<br>(LPM)<br>(LPM/m)   | (masl) / Hr / Min s   |
| Date 1/14/2013<br>DDMMYY | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring al Water Found (mt Street 361 BOYD AVE Town/City Ottawa  | of the Monitoring and Test Hobgs) (masl)  | margin of error : 30 m - 100 r  | Depth (m)<br>0.0<br>0.9<br>7.6                         | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY                             | oing WL<br>np Rate<br>oc. Cap.<br>SAND /<br>LIMESTONE /                 | (mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptions                              | (masl)<br>/<br>Hr / Min<br>s                                    |
| Date 1/14/2013           | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring a Water Found (mt   | of the Monitoring and Test Hobgs) (masl)  | margin of error : 30 m - 100 ı  | Depth (m)<br>0.0<br>0.9<br>7.6                         | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY                             | sing WL np Rate cc. Cap.  SAND / LIMESTONE / owing?                     | (mbgs) (LPM) (LPM/m)  Soil Descriptions                                      | (masl) / Hr / Min s / SOFT / FRACTURED                          |
| Date 1/14/2013<br>DDMMYY | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring a Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc   | uTM RC 4  and Te Monitoring and Test Ho bgs) (masl)   | margin of error : 30 m - 100 note                                       | m  Depth (m) 0.0  0.9 7.6  OTTAWA-CAR                  | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY                             | sing WL np Rate cc. Cap.  SAND / LIMESTONE / owing? SWL                 | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs)                      | (masl) / Hr / Min s / SOFT / FRACTURED (masl)                   |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring al Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl)  | UTM RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  | margin of error : 30 m - 100 mode  NEPEAN TOWNSHIP / 0  Northing 502500 | Depth (m)<br>0.0<br>0.9<br>7.6<br>OTTAWA-CAR           | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY                             | sing WL np Rate cc. Cap.  SAND / LIMESTONE / owing?                     | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs)               | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl)            |
| Date 1/14/2013<br>DDMMYY | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring a Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc   | UTM RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  | margin of error : 30 m - 100 note                                       | Depth (m)<br>0.0<br>0.9<br>7.6<br>OTTAWA-CAR           | Elev (masi) | Pur<br>Spo<br>Color<br>BROWN<br>GREY<br>FI                       | sing WL np Rate cc. Cap.  SAND / LIMESTONE / owing? SWL                 | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs)                      | (masl) / Hr / Min s / SOFT / FRACTURED (masl)                   |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590 / Monitoring ai Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 10.060000419616   | UTM RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  UTM RC 4  | NEPEAN TOWNSHIP / 0 Northing 502500 margin of error : 30 m - 100 m      | Depth (m)<br>0.0<br>0.9<br>7.6<br>OTTAWA-CAR           | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY<br>FI<br>Pump<br>Pur        | sing WL np Rate sc. Cap.  SAND / LIMESTONE / owing? SWL sing WL         | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs)               | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl)            |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring ai Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 10.060000419616  / Monitoring ai                                     | utm RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  Tutm RC 4  and Te Monitoring and Test Hobgs         | NEPEAN TOWNSHIP / 0 Northing 502500 margin of error : 30 m - 100 m      | m  Depth (m) 0.0  0.9 7.6  OTTAWA-CAR 001 m  Depth (m) | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY<br>FI<br>Pump<br>Pur<br>Spe | oing WL np Rate ac. Cap.  SAND / LIMESTONE / owing? SWL oing WL np Rate | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m) | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl) / Hr / Min |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring ai Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 10.060000419616  / Monitoring ai Water Found (mt                     | utm RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  Tutm RC 4  and Te Monitoring and Test Hobgs) (masl) | NEPEAN TOWNSHIP / 0 Northing 502500 margin of error : 30 m - 100 m      | Depth (m)<br>0.0<br>0.9<br>7.6<br>OTTAWA-CAR           | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY<br>FI<br>Pump<br>Pur        | oing WL np Rate ac. Cap.  SAND / LIMESTONE / owing? SWL oing WL np Rate | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs) (LPM)         | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl) / Hr / Min |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring ai Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 10.060000419616  / Monitoring ai Water Found (mt Street 861 BOYD AVE | utm RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  Tutm RC 4  and Te Monitoring and Test Hobgs) (masl) | NEPEAN TOWNSHIP / 0 Northing 502500 margin of error : 30 m - 100 m      | m  Depth (m) 0.0  0.9 7.6  OTTAWA-CAR 001 m  Depth (m) | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY<br>FI<br>Pump<br>Pur<br>Spe | oing WL np Rate ac. Cap.  SAND / LIMESTONE / owing? SWL oing WL np Rate | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m) | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl) / Hr / Min |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring ai Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 10.060000419616  / Monitoring ai Water Found (mt                     | utm RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  Tutm RC 4  and Te Monitoring and Test Hobgs) (masl) | NEPEAN TOWNSHIP / 0 Northing 502500 margin of error : 30 m - 100 m      | m  Depth (m) 0.0  0.9 7.6  OTTAWA-CAR 001 m  Depth (m) | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY<br>FI<br>Pump<br>Pur<br>Spe | oing WL np Rate ac. Cap.  SAND / LIMESTONE / owing? SWL oing WL np Rate | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m) | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl) / Hr / Min |
| 7197303 Date 1/14/2013   | Elev (masl) Well_Depth_m: 7.6199998855590  / Monitoring ai Water Found (mt Street 361 BOYD AVE Town/City Ottawa  Lot Conc Elev (masl) Well_Depth_m: 10.060000419616  / Monitoring ai Water Found (mt Street 861 BOYD AVE | utm RC 4  and Te Monitoring and Test Hobgs) (masl)  Easting 441253  Tutm RC 4  and Te Monitoring and Test Hobgs) (masl) | NEPEAN TOWNSHIP / 0 Northing 502500 margin of error : 30 m - 100 m      | m  Depth (m) 0.0  0.9 7.6  OTTAWA-CAR 001 m  Depth (m) | Elev (masi) | Pur<br>Spe<br>Color<br>BROWN<br>GREY<br>FI<br>Pump<br>Pur<br>Spe | oing WL np Rate ac. Cap.  SAND / LIMESTONE / owing? SWL oing WL np Rate | (mbgs) (LPM) (LPM/m)  Soil Descriptions  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m) | (masl) / Hr / Min s / SOFT / FRACTURED (masl) (masl) / Hr / Min |

Record Count 91

| Total   Tot  | Well Record #   |                    |                     | Based on                       | Ministry of En | vironment Wa | ter Well Information D | atabase Decembe | er 31, 2016, available online.        | ).     |
|--|-----------------|--------------------|---------------------|--------------------------------|----------------|--------------|------------------------|-----------------|---------------------------------------|--------|
| Mark   |                 |                    |                     |                                | 10.1           |              | GREY L                 | IMESTONE /      | / FRACTURE                            | :D     |
| DDMMYY   Well_Depth_m: 3040009972478   UTM RC 4   margin of error: 30 m - 100 m   Pump Rate   (LPMm)   H / Mm   More found   (mbgs)   (mast)   (msst)   Color   Soil Descriptions   Color   Color   Soil Descriptions   Color   Color   Soil Descriptions   Color   Color   Soil Descriptions   Color    |                 | 1                  | ool) Facting 441847 |                                |                | TON          | SWL                    | (mbg            |                                       |        |
|  |                 | ,                  | ,                   | ~                              |                |              | Pump Rate              | (LPN            | И) /                                  |        |
| Street   S |                 |                    | •                   | е                              | Depth (m)      | Elev (masl)  | Spec. Cap.             | (LPN            | //m) Hr / Min                         |        |
|  |                 | Street 904 LADY EL |                     |                                | 0.0            |              | Color                  | Soi             | Il Descriptions                       |        |
| T2U   Flat   Conc  |                 |                    |                     |                                | 1.5            |              | BROWN                  | SAND /          | GRAVEL / FILL                         |        |
| T2O4981  |                 |                    |                     |                                |                |              |                        |                 |                                       |        |
| Section   Sect |                 |                    |                     |                                | 3.0            |              | GREY                   | SAND /          | SILT / DENSE                          |        |
| Table   Tabl |                 | 1                  |                     |                                |                | TON          |                        |                 | gs) (masl)                            |        |
| Water Found    |                 | ,                  | ,                   | ~                              |                |              | Pumping WL             | (mb             | gs) (masl)                            |        |
| Water Found   Street   Town/City   TZU5398   Lot   Conc   Color   Co | DDMMYY          | Well_Deptn_m:      | UIMRC 4             | margin of error : 30 m - 100 m |                |              | •                      | ,               |                                       |        |
| Water Found   (mbgs)   (masl)  |                 | 1                  |                     |                                | Depth (m)      | Flev (masl)  | Spec. Cap.             | (LPN            | M/m) Hr / Min                         |        |
| Street   Town/City   Town/Ci |                 | Water Found        | (mbgs) (masl)       |                                |                | ,            | Color                  | Soi             | I Descriptions                        |        |
| T2U5398  |                 |                    |                     |                                |                |              |                        |                 | ·                                     |        |
| Date   6/28/2013   Elev   (masl)   Easting   441520   Northing   5025537   Pumping WL   (mbgs)   (masl)   Pumping WL   (mb | 7205398         | Lot Conc           |                     | NEPEAN TOWNSHIP / OT           | TTAWA-CARLE    | TON          | Flowing?               | <u> </u>        | 1                                     |        |
| DDMMYY   Well_Depth_m:   |                 | 1                  |                     |                                |                |              |                        |                 | gs) (masl)                            |        |
| Mater Found   (mbgs)   (masl)     Depth (m)   Elev (masl)   Spec. Cap.   (LPM/m)   Hr / Min  |                 | •                  | ,                   | ~                              |                |              | Pumping WL             | (mb             | gs) (masl)                            |        |
| Water Found   Street   Town/City   Soil Descriptions   Soil Desc | DDMINIYY        | well_Deptn_m:      | UIMIRC 4            | margin of error : 30 m - 100 m |                |              |                        | ,               |                                       |        |
| Water Found   Found   Soil Descriptions   So |                 | 1                  |                     |                                | Depth (m)      | Flev (masl)  | Spec. Cap.             | (LPN            | M/m) Hr / Min                         |        |
| Date   12/10/2012   Elev   (masl)   Easting   441253   Northing   5025215   Pumping WL   (mbgs)   (masl)   |                 | Street             | (mbgs) (masl)       |                                |                | ,            | Color                  |                 | ·                                     |        |
| Date   12/10/2012   Elev   (masl)   Easting   441253   Northing   5025215   Pumping WL   (mbgs)   (masl)   | 7206030         | Lot Conc           |                     | NEPEAN TOWNSHIP / OT           | ΓΤΑWA-CARLE    | TON          |                        | ·               |                                       |        |
| DDMMYY   | Date 12/10/2012 | Flev (ma           | sl) Fasting 441253  | Northing 5025215               |                |              |                        |                 |                                       |        |
| Note    |                 |                    | ,                   | •                              |                |              |                        |                 |                                       |        |
| Water Found   (mbgs)   (masl)     Depth (m)   Elev (masl)     Color   Soil Descriptions   Street   Town/City   |                 |                    |                     | · ·                            |                |              | •                      |                 |                                       |        |
| Street Town/City   Swl. (mbgs) (masl)   Swl. (mbgs) (mas |                 | •                  | (l1)                |                                | Depth (m)      | Elev (masl)  | орес. оар.             | (2.1.1          | 1117 11111                            |        |
| Date   7/24/2013   Elev   (masl)   Easting   441517   Northing   5025562   SWL   (mbgs)   (masl)   |                 | Street             | (masi)              |                                | 0.0            |              | Color                  | Soi             | Il Descriptions                       |        |
| Date   7/24/2013   Elev   (masl)   Easting   441517   Northing   5025562   SWL   (mbgs)   (masl)   | 7207538         | Lot Conc           |                     | OTTAWA CITY / OT               | ΓΤΑWA-CARLE    | TON          | Flowing?               | ,               | · · · · · · · · · · · · · · · · · · · |        |
| DDMMYY Well_Depth_m: 4.88000011444092 UTM RC 5 margin of error: 100 m - 300 m Pump Rate (LPM) /  / Monitoring and Te Monitoring and Test Hole Depth (m) Elev (masl)  | Date 7/2//2012  | Flev (mo           | sl) Facting 441E17  | Northing 5025562               |                |              |                        |                 |                                       |        |
| / Monitoring and Te Monitoring and Test Hole Depth (m) Elev (masl)   |                 |                    |                     |                                |                |              |                        |                 |                                       |        |
| P Monitoring and Te Monitoring and Test note Depth (m) Elev (masl)   | ·               |                    |                     | -                              |                |              |                        |                 |                                       |        |
| Water Found (mbgs) (masl) 0.0 Color Soil Descriptions  Street 727 CHURCHILL AVE.  Town/City Ottawa   |                 | Water Found (      | (mbgs) (masl)       | e                              |                | Elev (masl)  |                        |                 |                                       |        |
| 0.9 BROWN SAND / /   |                 | -                  |                     |                                | 0.9            |              | BROWN                  | SAND /          | /                                     |        |
| 1.5 WHITE LIMESTONE /  |                 |                    |                     |                                |                |              |                        |                 | 1                                     |        |
|  |                 | 22                 |                     |                                |                |              |                        |                 | Pa                                    | Page 3 |

| Nell Rec | cord #                      |                                   |                                    |   |                                       | Based on                      | Ministry of E           | nvironment Wa | iter Well In            | formation Database Dec                     | ember 31, 2016,                      | available online.                 |
|----------|-----------------------------|-----------------------------------|------------------------------------|---|---------------------------------------|-------------------------------|-------------------------|---------------|-------------------------|--|--------------------------------------|-----------------------------------|
|          |                             |                                   |                                    |   |                                       |                               | 4.9                     |               | WHITE                   | LIMESTONE /                                |                                      | 1                                 |
|          | 7539<br>7/24/2013<br>DDMMYY | Lot<br>Elev<br>Well_Depth_m:      | Conc<br>(masl)<br>5.17999982833862 | Easting 441515<br>UTM RC 5                | OTTAWA  Northing margin of error : 10 | 5025562                       | TAWA-CARI               | LETON         |                         | Flowing?<br>SWL<br>Pumping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM)            | (masl)<br>(masl)                  |
|          |                             | Water Four<br>Street<br>Town/City | nd (mbgs)<br>727 CHURCHILL AV      | e Monitoring and Test Ho<br>(masl)<br>/E. | le                                    |                               | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Color                   | Spec. Cap.                                 | (LPM/m) Soil Description             | Hr / Min<br>ns                    |
|          |                             |                                   |                                    |   |                                       |                               | 1.2<br>1.8<br>5.2       |               | BROWN<br>WHITE<br>WHITE | SAND /<br>LIMESTONE /<br>LIMESTONE /       | SOFT<br>HARD                         | / DRY<br>/ WEATHERE<br>/          |
| 7220     | )405                        | Lot                               | Conc                               |   | NEPEAN TOWN                           | ISHIP / OT                    | TAWA-CARI               | LETON         |                         | Flowing?                                   |                                      |                                   |
|          | 4/8/2014<br>DDMMYY          | Elev<br>Well_Depth_m:             | (masl)<br>3.66000008583069         | Easting 441355<br>UTM RC 4                | Northing<br>margin of error : 30      | 5025177<br><b>) m - 100 m</b> |                         |               |                         | SWL Pumping WL Pump Rate Spec. Cap.        | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min |
|          |                             | Water Four<br>Street<br>Town/City | 861 CLYDE AVE                      | e Test Hole<br>(masl)                     |                                       |                               | <b>Depth (m)</b><br>0.0 | Elev (masi)   | Color                   | opon oup.                                  | Soil Description                     |                                   |
|          |                             |                                   |                                    |   |                                       |                               | 0.9<br>2.1<br>3.7       |               | BROWN<br>BROWN<br>GREY  |  |                                      | /<br>/                            |
| 72204    | )406                        | Lot                               | Conc                               |   | NEPEAN TOWN                           | ISHIP / OT                    | TAWA-CARI               | LETON         |                         | Flowing?                                   | ( ) \                                | , D                               |
|          | 4/8/2014<br><b>DDMMYY</b>   | Elev<br>Well_Depth_m:             | (masl)<br>3.66000008583069         | Easting 441357<br>UTM RC 4                | Northing<br>margin of error : 30      | 5025175<br>) m - <b>100</b> m |                         |               |                         | SWL Pumping WL Pump Rate Spec. Cap.        | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min |
|          |                             | Water Four<br>Street<br>Town/City | 861 CLYDE AVE                      | e Test Hole<br>(masl)                     |                                       |                               | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Color                   |  | Soil Description                     |                                   |
|          |                             | ,                                 |                                    |   |                                       |                               | 0.9                     |               | BROWN                   | FILL /                                     |                                      | 1                                 |
|          |                             |                                   |                                    |   |                                       |                               |                         |               |                         |  |                                      |                                   |

|      |                     |                                   |                         |                            |  | 3.7       |             | GREY  | LIMESTONE /            |                           | 1                     |
|------|---------------------|-----------------------------------|-------------------------|----------------------------|--|-----------|-------------|-------|------------------------|---------------------------|-----------------------|
| 72   | 220407              | Lot                               | Conc                    |                            | NEPEAN TOWNSHIP / O                                | TTAWA-CAR | LETON       |       | Flowing?               |                           |                       |
| Date | 4/11/2014<br>DDMMYY | Elev<br>Well_Depth_m:             | (masl) 6.09999990463257 | Easting 441368<br>UTM RC 4 | Northing 5025202<br>margin of error : 30 m - 100 m |           |             |       | umping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)<br>/ |
|      |                     |                                   | / Dewatering            |                            |  | Depth (m) | Elev (masl) |       | Spec. Cap.             | (LPM/m)                   | Hr / Min              |
|      |                     | Water Foun<br>Street<br>Town/City | 861 CLYDE AVE           | (masl)                     |  | 0.0       |             | Color |                        | Soil Descriptio           | ns                    |
|      |                     |                                   |                         |                            |  | 0.3       |             | BLACK | 1                      | GRAVEL                    | / LOOSE               |
|      |                     |                                   |                         |                            |  | 2.1       |             | BLACK | SAND /                 | SILT                      | / SOFT                |
|      |                     |                                   |                         |                            |  | 6.1       |             | GREY  | LIMESTONE /            |                           | / LAYERED             |

BROWN

SAND /

GRAVEL

| 7220408                 | Lot Conc  |                                  | OTTAWA CITY                   | OTTAWA-CARL  | ETON        | Flowing   |   |  |                                 |
|-------------------------|---|----------------------------------|-------------------------------|--|-------------|---|---|--|---------------------------------|
| <b>D</b> 4 440/0044     |   | <b>-</b>                         |                               | -005   |             | SW  | L   | (mbgs)   | (masl)                          |
| Date 4/10/2014          | Elev (masl)   | Easting 441370                   | Northing 5025                 |  |             | Pumping W   | L   | (mbgs)   | (masl)                          |
| DDMMYY                  | Well_Depth_m: 3.34999990463257  | UTM RC 4                         | margin of error : 30 m - 100  | ) m  |             | Pump Rat  | e   | (LPM)  | 1                               |
|                         |   |                                  |                               |  |             | •   |   | , ,  | Hr / Min                        |
|                         | / Monitoring and Te   | e Test Hole                      |                               | Depth (m)  | Elev (masl) | Spec. Ca  | ).  | (LPM/m)  | mr / Iviin                      |
|                         | Water Found (mbgs)  | (masl)                           |                               | ,  | Liev (masi) | Color   |   | Call Dagarintia  |                                 |
|                         | Street 861 CLYDE AVE  | ,                                |                               | 0.0  |             | Color   |   | Soil Descriptio  | ons                             |
|                         |   |                                  |                               |  |             |   |   |  |                                 |
|                         | Town/City Ottawa  |                                  |                               |  |             |   |   |  |                                 |
|                         |   |                                  |                               | 0.9  |             | BROWN   | SAND /  |  | 1                               |
|                         |   |                                  |                               |  |             |   |   |  | ,                               |
|                         |   |                                  |                               | 2.1  |             | BROWN   | SAND /  | CLAY   | /                               |
|                         |   |                                  |                               | 3.3  |             | GREY  | LIMESTONE /                                     |  | /                               |
| 7220409                 | Lot Conc  |                                  | NEPEAN TOWNSHIP               | OTTAWA-CARL  | ETON        | Flowing   | ?   |  |                                 |
|                         | 200   |                                  |                               |  |             | SW  | L   | (mbgs)   | (masl)                          |
| Date 4/10/2014          | Elev (masl)   | <b>Easting</b> 441413            | Northing 5025                 | 5100   |             | Pumping W   |   | (mbgs)   | (masl)                          |
| DDMMYY                  | Well_Depth_m: 6.09999990463257  | UTM RC 4                         | margin of error : 30 m - 100  | ) m  |             |   |   |  | (masi)<br>/                     |
|                         |   |                                  | <b>5</b>                      |  |             | Pump Rat  |   | (LPM)  | ·                               |
|                         | /   |                                  |                               | Depth (m)  | Elev (masl) | Spec. Ca  | ).  | (LPM/m)  | Hr / Min                        |
|                         | Water Found (mbgs)  | (masl)                           |                               | ,  | ⊏iev (masi) |   |   |  |                                 |
|                         | ( 0 /   | ()                               |                               | 0.0  |             | Color   |   | Soil Descriptio  | ons                             |
|                         | Street 861 CLYDE AVE Town/City Ottawa   |                                  |                               |  |             |   |   |  |                                 |
|                         | •   |                                  |                               | 0.3  |             | BLACK   | TOPSOIL /                                       |  | / SOFT                          |
|                         |   |                                  |                               |  |             |   |   |  |                                 |
|                         |   |                                  |                               | 2.1  |             | BLACK   | SAND /  | SILT   | / SOFT                          |
|                         |   |                                  |                               | 6.1  |             | GREY  | LIMESTONE /                                     |  | / LAYERED                       |
| 7220435                 | Lot Conc  |                                  | NEPEAN TOWNSHIP               | OTTAWA-CARI  | FTON        | Flowing   | ?   |  |                                 |
| 1220433                 | Lot Conc  |                                  | INC. EAN TOWNSHIP             | OTT/W/N-O/MIL  | LION        | SW  |   | (mbgs)   | (masl)                          |
| Date 4/10/2014          | Elev (masl)   | Easting 441368                   | Northing 5025                 | 5203   |             |   |   |  | ` '                             |
| DDMMYY                  | Well_Depth_m: 3.34999990463257  | UTM RC 4                         | margin of error : 30 m - 100  |  |             | Pumping W   |   | (mbgs)   | (masl)                          |
|                         | 1102 op 313 1333330 103237  |                                  | margin or orror : oo m        | ·  |             | Pump Rat  |   | (LPM)  | 1                               |
|                         | 1   | Test Hole                        |                               |  |             | Spec. Ca  | ).  | (LPM/m)  | Hr / Min                        |
|                         | •   |                                  |                               |  |             |   |   |  |                                 |
|                         | Water Found (mbgs)  |                                  |                               | Depth (m)  | Elev (masl) |   |   |  | no                              |
|                         | Water Found (mbgs)  | (masl)                           |                               | <b>Depth (m)</b><br>0.0  | Elev (masi) | Color   |   | Soil Descriptio  | iiis                            |
|                         | Water Found (mbgs) Street 861 CLYDE AVE   |                                  |                               |  | Elev (masi) | Color   |   | Soil Descriptio  | 1115                            |
|                         | , ,   |                                  |                               |  | Elev (masi) | Color   |   | Soil Descriptio  | ilis                            |
|                         | Street 861 CLYDE AVE  |                                  |                               | 0.0  | Elev (masi) |   | OAND /  | Soil Descriptio  | ,                               |
|                         | Street 861 CLYDE AVE  |                                  |                               | 0.0  | Elev (masi) | BROWN   | SAND /  | ·  | /                               |
|                         | Street 861 CLYDE AVE  |                                  |                               | 0.0  | Elev (masi) |   | SAND /<br>SAND /                                | Soil Descriptio  | /<br>/                          |
|                         | Street 861 CLYDE AVE  |                                  |                               | 0.0  | Elev (masi) | BROWN   |   | ·  | <br> <br> <br>                  |
| 7220436                 | Street 861 CLYDE AVE Town/City  |                                  | NEPEAN TOWNSHIP               | 0.9<br>2.1<br>3.3  |             | BROWN<br>BROWN  | SAND /<br>LIMESTONE /                           | ·  | /<br>/<br>/                     |
| 7220436                 | Street 861 CLYDE AVE  |                                  | NEPEAN TOWNSHIP               | 0.9<br>2.1<br>3.3  |             | BROWN<br>BROWN<br>GREY                                    | SAND /<br>LIMESTONE /                           | CLAY   | /<br>/<br>/<br>(masl)           |
| 7220436  Date 4/10/2014 | Street 861 CLYDE AVE Town/City  |                                  | NEPEAN TOWNSHIP Northing 5025 | 0.0<br>0.9<br>2.1<br>3.3   |             | BROWN<br>BROWN<br>GREY<br>Flowing                         | SAND /<br>LIMESTONE /<br>?<br>L                 | CLAY (mbgs)  | /<br>/<br>/<br>(masl)           |
|                         | Street 861 CLYDE AVE Town/City  Lot Conc  | (masl)                           |                               | 0.0<br>0.9<br>2.1<br>3.3<br>OTTAWA-CARL                                      |             | BROWN BROWN GREY Flowing SW Pumping W                     | SAND /<br>LIMESTONE /<br>?<br>L                 | CLAY (mbgs) (mbgs)                                       | /<br>/<br>/<br>(masl)<br>(masl) |
| Date 4/10/2014          | Street 861 CLYDE AVE Town/City  Lot Conc Elev (masl)  | (masl)                           | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>OTTAWA-CARL                                      |             | BROWN BROWN GREY Flowing SW Pumping W Pump Rat            | SAND /<br>LIMESTONE /<br>?<br>L<br>L            | CLAY  (mbgs) (mbgs) (LPM)                                | /<br>/<br>(masl)<br>(masl)      |
| Date 4/10/2014          | Street   861 CLYDE AVE  | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>/ OTTAWA-CARL<br>5205<br>0 m                     | ETON        | BROWN BROWN GREY Flowing SW Pumping W                     | SAND /<br>LIMESTONE /<br>?<br>L<br>L            | CLAY (mbgs) (mbgs)                                       | /<br>/<br>/<br>(masl)<br>(masl) |
| Date 4/10/2014          | Street 861 CLYDE AVE Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Televant           | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>OTTAWA-CARL<br>5205<br>0 m                       |             | BROWN BROWN GREY  Flowing SW Pumping W Pump Rat Spec. Ca  | SAND /<br>LIMESTONE /<br>?<br>L<br>L            | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)           | / / (masl) (masl) / Hr / Min    |
| Date 4/10/2014          | Street Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Toward Toward (mbgs)             | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>/ OTTAWA-CARL<br>5205<br>0 m                     | ETON        | BROWN BROWN GREY Flowing SW Pumping W Pump Rat            | SAND /<br>LIMESTONE /<br>?<br>L<br>L            | CLAY  (mbgs) (mbgs) (LPM)                                | / / (masl) (masl) / Hr / Min    |
| Date 4/10/2014          | Street Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Town (mbgs) Street 861 CLYDE AVE | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>OTTAWA-CARL<br>5205<br>0 m                       | ETON        | BROWN BROWN GREY  Flowing SW Pumping W Pump Rat Spec. Ca  | SAND /<br>LIMESTONE /<br>?<br>L<br>L            | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)           | / / (masl) (masl) / Hr / Min    |
| <b>Date</b> 4/10/2014   | Street Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Town (mbgs)                      | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>OTTAWA-CARL<br>5205<br>0 m                       | ETON        | BROWN BROWN GREY  Flowing SW Pumping W Pump Rat Spec. Ca  | SAND /<br>LIMESTONE /<br>?<br>L<br>L            | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)           | / / (masl) (masl) / Hr / Min    |
| Date 4/10/2014          | Street Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Town (mbgs) Street 861 CLYDE AVE | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>/ OTTAWA-CARL<br>5205<br>0 m<br>Depth (m)<br>0.0 | ETON        | BROWN BROWN GREY  Flowing SW Pumping W Pump Rat Spec. Cal | SAND /<br>LIMESTONE /<br>?<br>L<br>L<br>e<br>o. | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)           | / / (masl) (masl) / Hr / Min    |
| Date 4/10/2014          | Street Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Town (mbgs) Street 861 CLYDE AVE | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>/ OTTAWA-CARL<br>3205<br>0 m<br>Depth (m)<br>0.0 | ETON        | BROWN BROWN GREY  Flowing SW Pumping W Pump Rat Spec. Cal | SAND / LIMESTONE /  ? L L e o . SAND /          | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Description | / / (masl) (masl) / Hr / Min    |
| Date 4/10/2014          | Street Town/City  Lot Conc Elev (masl) Well_Depth_m: 3.34999990463257 / Monitoring and Town (mbgs) Street 861 CLYDE AVE | (masl)  Easting 441372  UTM RC 4 | Northing 5025                 | 0.0<br>0.9<br>2.1<br>3.3<br>/ OTTAWA-CARL<br>5205<br>0 m<br>Depth (m)<br>0.0 | ETON        | BROWN BROWN GREY  Flowing SW Pumping W Pump Rat Spec. Cal | SAND /<br>LIMESTONE /<br>?<br>L<br>L<br>e<br>o. | (mbgs)<br>(mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)           | / / (masl) (masl) / Hr / Min    |

|   | Well | Record | # |
|---|------|--------|---|
| Ī | 7    | 220437 |   |

| 7220437              | Lot   | Conc  |             |                   | NEPEAN TOWN                      | SHIP / OTTAWA             | A-CARLET  | ON          | Flowing                               | •            | (male are)                           | (D)           |
|----------------------|---|---|-------------|-------------------|----------------------------------|---------------------------|-----------|-------------|---------------------------------------|--------------|--------------------------------------|---------------|
| Date 4/10/2014       | Elev  | (masl)  | Easting     | 441370            | Northing                         | 5025205                   |           |             | SV                                    |              | (mbgs)                               | (masl)        |
| DDMMYY               | Well Depth m:                                 | 3.34999990463257  | •           | TM RC 4           | margin of error : 30             |                           |           |             | Pumping W                             |              | (mbgs)                               | (masl)        |
|                      |   |   |             |                   |                                  |                           |           |             | Pump Ra                               |              | (LPM)                                | •             |
|                      |   | / Monitoring and Te   | e Test Hole |                   |                                  | Depth                     | h (m) E   | Elev (masl) | Spec. Ca                              | р.           | (LPM/m)                              | Hr / Min      |
|                      | Water Four                                    | nd (mbgs)   |             | (masl)            |                                  | 0.                        | . ,       |             | Color                                 |              | Soil Description                     | ons           |
|                      | Street  | 861 CKYDE AVE   |             |                   |                                  | 0.                        |           |             | 33.3.                                 |              | 2000p.                               |               |
|                      | Town/City                                     | Ottawa  |             |                   |                                  |                           |           |             |                                       |              |                                      |               |
|                      | •   |   |             |                   |                                  | _                         | _         |             |                                       |              |                                      |               |
|                      |   |   |             |                   |                                  | 0.5                       |           |             | BROWN                                 | SAND /       | a                                    | ,             |
|                      |   |   |             |                   |                                  | 2.                        |           |             | BROWN                                 | SAND /       | CLAY                                 | /             |
|                      |   |   |             |                   |                                  | 3.                        | .3        |             | GREY                                  | LIMESTONE /  |                                      | 1             |
| 7220438              | Lot   | Conc  |             |                   | NEPEAN TOWN                      | SHIP / OTTAWA             | A-CARLET  | ON          | Flowing                               | <b>j</b> ?   |                                      |               |
|                      |   |   |             |                   |                                  |                           |           |             | SW                                    | /L           | (mbgs)                               | (masl)        |
| Date 4/10/2014       | Elev  | (masl)  | Easting     | 441373            | Northing                         | 5025200                   |           |             | Pumping W                             | /L           | (mbgs)                               | (masl)        |
| DDMMYY               | Well_Depth_m:                                 | 3.34999990463257  | U           | TM RC 4           | margin of error : 30             | m - 100 m                 |           |             | Pump Ra                               | te           | (LPM)                                | 1             |
|                      |   | / Monitoring and Te   | e Test Hole |                   |                                  | <u>.</u>                  | . , , -   |             | Spec. Ca                              | p.           | (LPM/m)                              | Hr / Min      |
|                      | Water Four                                    | •   |             | (masl)            |                                  | Depth                     | . ,       | Elev (masl) |                                       |              |                                      |               |
|                      |   | 861 CLYDE AVE   |             | (111401)          |                                  | 0.0                       | .0        |             | Color                                 |              | Soil Description                     | ons           |
|                      | Town/City                                     |   |             |                   |                                  |                           |           |             |                                       |              |                                      |               |
|                      |   |   |             |                   |                                  | 0.5                       | 9         |             | BROWN                                 | SAND /       |                                      | 1             |
|                      |   |   |             |                   |                                  | 2.                        | .1        |             | BROWN                                 | SAND /       | CLAY                                 | 1             |
|                      |   |   |             |                   |                                  | 3.                        |           |             | GREY                                  | LIMESTONE /  |                                      | 1             |
| 7000400              | 1 -4  | 0   |             |                   | NEPEAN TOWN                      | CLUD / OTTAVA/            | A CADIET  | ON          | Flowing                               | 12           |                                      |               |
| 7220439              | Lot   | Conc  |             |                   | NEPEAN TOWN                      | SHIP / UTTAWA             | A-CARLE I | ON          | r iowing<br>SW                        |              | (mbgs)                               | (masl)        |
| Date 4/9/2014        | Elev  | (masl)  | Easting     | 441411            | Northing                         | 5025109                   |           |             | Pumping W                             |              | (mbgs)                               | (masi)        |
| DDMMYY               | Well_Depth_m:                                 | 3.66000008583069  | U           | TM RC 4           | margin of error : 30             | m - 100 m                 |           |             | Pump Ra                               |              | (LPM)                                | (111031)      |
|                      |   |   |             |                   | •                                |                           |           |             | Spec. Ca                              |              | (LPM/m)                              | Hr / Min      |
|                      |   | / Monitoring and Te   | ∃ Test Hole |                   |                                  | Depth                     | h (m) E   | Elev (masl) | Spec. Ca                              | μ.           | (LFIVIIII)                           | I II / IVIIII |
|                      | Water Four                                    | nd (mbgs)   |             | (masl)            |                                  | 0.                        | 0         |             | Color                                 |              | Soil Description                     | ons           |
|                      | Street  | 861 CLYDE AVE   |             |                   |                                  |                           |           |             |                                       |              |                                      |               |
|                      | Town/City                                     | Ottawa  |             |                   |                                  |                           |           |             |                                       |              |                                      |               |
|                      |   |   |             |                   |                                  | 2.                        | 1         |             | BROWN                                 | SAND /       | CLAY                                 | 1             |
|                      |   |   |             |                   |                                  | 3.                        |           |             | GREY                                  | LIMESTONE /  | OLAT                                 | 1             |
|                      | 7   |   |             |                   |                                  |                           |           |             |                                       |              |                                      |               |
| 7220440              | Lot   | Conc  |             |                   | NEPEAN TOWN                      | SHIP / OTTAWA             | A-CARLET  | ON          | Flowing                               |              |                                      |               |
| 7220440              |   |   |             |                   |                                  |                           |           |             | SW                                    |              | (mbgs)                               | (masl)        |
|                      |   | (masl)  | Facting     | 1/1/1/1           | Northing                         | 5025108                   |           |             |                                       |              |                                      |               |
| <b>Date</b> 4/9/2014 | Elev  | (masl)  | Easting     | 441414<br>TM PC 4 | Northing                         | 5025108<br>m - 100 m      |           |             | Pumping W                             |              | (mbgs)                               | (masl)        |
|                      | Elev  | (masl)<br>3.66000008583069                                    | •           | 441414<br>TM RC 4 | Northing<br>margin of error : 30 |                           |           |             | Pump Ra                               | te           | (LPM)                                | , ,           |
| <b>Date</b> 4/9/2014 | Elev  | , ,   | UT          |                   | -                                | m - 100 m                 | h (m)     | Elev (masl) |                                       | te           |                                      | , ,           |
| <b>Date</b> 4/9/2014 | Elev  | 3.66000008583069  / Monitoring and Te                         | UT          |                   | -                                | m - 100 m<br>Depth        |           | Elev (masl) | Pump Ra<br>Spec. Ca                   | te           | (LPM)<br>(LPM/m)                     | /<br>Hr / Min |
| <b>Date</b> 4/9/2014 | Elev Well_Depth_m: Water Four                 | 3.66000008583069  / Monitoring and Te                         | UT          | TM RC 4           | -                                | m - 100 m                 |           | Elev (masl) | Pump Ra                               | te           | (LPM)                                | /<br>Hr / Min |
| <b>Date</b> 4/9/2014 | Elev<br>Well_Depth_m:<br>Water Four<br>Street | 3.66000008583069  / Monitoring and Tend (mbgs)  861 CLYDE AVE | UT          | TM RC 4           | -                                | m - 100 m<br>Depth        |           | Elev (masi) | Pump Ra<br>Spec. Ca                   | te           | (LPM)<br>(LPM/m)                     | /<br>Hr / Min |
| <b>Date</b> 4/9/2014 | Elev Well_Depth_m: Water Four                 | 3.66000008583069  / Monitoring and Tend (mbgs)  861 CLYDE AVE | UT          | TM RC 4           | -                                | <b>m - 100 m Deptt</b> 0: | 0         | Elev (masi) | Pump Ra<br>Spec. Ca<br>Color          | te<br>p.     | (LPM)<br>(LPM/m)<br>Soil Description | /<br>Hr / Min |
| <b>Date</b> 4/9/2014 | Elev<br>Well_Depth_m:<br>Water Four<br>Street | 3.66000008583069  / Monitoring and Tend (mbgs)  861 CLYDE AVE | UT          | TM RC 4           | -                                | m - 100 m  Depth 0.       | 1         | Elev (masl) | Pump Ra<br>Spec. Ca<br>Color<br>BROWN | p.<br>SAND / | (LPM)<br>(LPM/m)                     | /<br>Hr / Min |
| <b>Date</b> 4/9/2014 | Elev<br>Well_Depth_m:<br>Water Four<br>Street | 3.66000008583069  / Monitoring and Tend (mbgs)  861 CLYDE AVE | UT          | TM RC 4           | -                                | <b>m - 100 m Deptt</b> 0: | 1         | Elev (masi) | Pump Ra<br>Spec. Ca<br>Color          | te<br>p.     | (LPM)<br>(LPM/m)<br>Soil Description | /<br>Hr / Min |

| Well Record #                  |  | Based on Ministry of Environment W   | later Well Information Database December 31, 2016, available online.  |
|--------------------------------|--|--|---|
| 7220441                        | Lot Conc   | NEPEAN TOWNSHIP / OTTAWA-CARLETON  | Flowing?  |
| Date 4/9/2014<br>DDMMYY        | Elev   | Northing 5025104 margin of error : 30 m - 100 m  Depth (m) Elev (masi)  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<br>DDMMYY        | Elev   |  | SWL   |
|                                |  | 2.1<br>3.7   | BROWN SAND / CLAY / GREY LIMESTONE / /  |
| 7220443  Date 4/9/2014  DDMMYY | Lot         Conc           Elev         (masl)         Easting         44141           Well_Depth_m:         3.66000008583069         UTM RC           / Monitoring and Te Test Hole         ////>   | NEPEAN TOWNSHIP / OTTAWA-CARLETON  Northing 5025102 margin of error : 30 m - 100 m  Depth (m) Elev (masl)  0.0 | Flowing?  |
|                                | Town/City  | 2.1<br>3.7   | BROWN SAND / CLAY / GREY LIMESTONE / /  |
| 7220444  Date 4/8/2014  DDMMYY | Lot         Conc           Elev         (masl)         Easting         44135           Well_Depth_m:         3.66000008583069         UTM RC         44135           / Monitoring and Te Test Hole         Water Found         (mbgs)         (masl)           Street         861 CLYDE AVE           Town/City         Ottawa | NEPEAN TOWNSHIP / OTTAWA-CARLETON  Northing 5025185 margin of error : 30 m - 100 m  Depth (m) Elev (masl)  0.0 | Flowing?   SWL  |
|                                | ·  | 0.9<br>2.1<br>3.7  | BROWN FILL / / BROWN SAND / GRAVEL / GREY LIMESTONE / /   |
| 7220446                        | Lot Conc   | NEPEAN TOWNSHIP / OTTAWA-CARLETON  | Flowing? SWL (mbgs) (masl)  |
| Date 4/8/2013<br>DDMMYY        | Elev (masl)   Easting   44135  | Northing 5025176 margin of error : 30 m - 100 m  Depth (m) Elev (masi)  0.0                                    | Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min  Color Soil Descriptions  Page 4           |

Record Count 113

|                          |  |   |   |  |             | ator won informa-  |   | J   | , available online.  |
|--------------------------|--|---|---|--|-------------|--|---|---|--|
|                          |  |   |   | 0.9  |             | BROWN  | FILL /  |   | /  |
|                          |  |   |   | 2.1  |             | BROWN  | SAND /  | GRAVEL  | 1  |
|                          |  |   |   | 3.7  |             | GREY   | LIMESTONE /   |   | 1  |
| 7223403                  | Lot Conc   |   | NEPEAN TO   | WNSHIP / OTTAWA-CA   | RLETON      | Flo  | wing?   |   |  |
|                          | ]  |   |   |  |             |  | SWL   | (mbgs)  | (masl)   |
| ate 5/30/2012            | Elev (m  | , -   | 41620 Northing  | <b>g</b> 5024999   |             | Pumpi  | ng WL   | (mbgs)  | (masl)   |
| DDMMYY                   | Well_Depth_m: 7.8699998855   | 55908 <b>UTM R</b>  | RC 4 margin of error  | : 30 m - 100 m   |             |  | Rate  | (LPM)   | ı` '   |
|                          |  |   |   |  |             |  | . Cap.  | (LPM/m)   | Hr / Min   |
|                          | / Monitorir  | •   |   | Depth (m)  | Elev (masl) | - Po-  | чр.   | (2)   | ,  |
|                          | Water Found 4.3<br>Street 1584 LAPER   | (mbgs) (ma<br>RRIERE AVE.   | asl) Untested   | 0.0  |             | Color  |   | Soil Descriptio   | ns   |
|                          | Town/City OTTAWA   |   |   |  |             |  |   |   |  |
|                          |  |   |   | 0.1  |             | BLACK  | /   |   | /  |
|                          |  |   |   | 0.6  |             | BROWN  | SAND /  | GRAVEL  | / FILL   |
|                          |  |   |   | 1.5  |             | BROWN  | SAND /  | CLAY  | / LOOSE  |
|                          |  |   |   | 5.0  |             | GREY   | SAND /  | GRAVEL  | / TILL   |
|                          |  |   |   |  |             |  |   | SIVAVLL   |  |
|                          | 1  |   |   | 7.9  |             | GREY   | LIMESTONE /   |   | / ROCK   |
| 7225494                  | Lot Conc   |   | NEPEAN TO   | WNSHIP / OTTAWA-CA   | RLETON      | Flo  | wing?   |   |  |
|                          |  |   |   |  |             |  | SWL   | (mbgs)  | (masl)   |
| ate 6/24/2014            | ,  | , -   | 41549 Northing  | -  |             | Pumpi  | ng WL   | (mbgs)  | (masl)   |
| DDMMYY                   | Well_Depth_m: 5.1799998283   | 33862 UTM R   | RC 4 margin of error  | : 30 m - 100 m   |             | Pum  | Rate  | (LPM)   | 1  |
|                          | / Manitaria  | a and To Monitoring   | Test Hole   |  |             |  | . Cap.  | (LPM/m)   | Hr / Min   |
|                          |  | ng and Te Monitoring and  |   | Depth (m)  | Elev (masl) |  | •   | . ,   |  |
|                          | Water Found  | (mbgs) (ma  | ası)  | 0.0  |             | Color  |   | Soil Descriptio   | ns   |
|                          | Street 1599 CARL   | ING AVE.  |   |  |             |  |   |   |  |
|                          | Town/City Ottawa   |   |   |  |             |  |   |   |  |
|                          |  |   |   | 0.3  |             | GREY   | GRAVEL /  |   | / LOOSE  |
|                          |  |   |   | 1.5  |             | BROWN  | SAND /  | GRAVEL  | / LOOSE  |
|                          |  |   |   | 5.2  |             | GREY   | LIMESTONE /   |   | / LAYERED  |
| 7005 / 05                | 1  |   | NEDEALLES   |  | DI ETON:    |  |   |   | , 2.112122   |
| 7225495                  | Lot Conc   |   | NEPEAN TO   | WNSHIP / OTTAWA-CA   | KLETON      | FIC  | wing?<br>SWL  | (mbgs)  | (masl)   |
|                          | J  |   |   |  |             |  |   |   | (iiiasi)   |
| ate 5/24/2014            | Elev (m  | asl) Easting 4  | 41576 Northing  | g 5025547  |             | D  |   |   | (mool)   |
|                          | •  | ,   |   | •  |             | Pumpi  | ng WL   | (mbgs)  | (masl)   |
| ate 5/24/2014<br>DDMMYY  | Elev (m<br>Well_Depth_m: 5.1799998283  | ,   | · · · · · · · · · · · · · · · · · · ·   | •  |             | Pum  | ng WL<br>o Rate   | (mbgs)<br>(LPM)   | 1  |
|                          | Well_Depth_m: 5.1799998283   | ,   | RC 4 margin of error  | : 30 m - 100 m   | Fley (masi) | Pum  | ng WL   | (mbgs)  | (masl)<br>/<br>Hr / Min  |
|                          | Well_Depth_m: 5.1799998283   | 33862 UTM R   | RC 4 margin of error  | 2: 30 m - 100 m<br>Depth (m)   | Elev (masi) | Pum<br>Spec  | ng WL<br>o Rate   | (mbgs)<br>(LPM)<br>(LPM/m)  | /<br>Hr / Min  |
|                          | Well_Depth_m: 5.1799998283   | ng and Te Monitoring and (mbgs) (ma   | RC 4 margin of error  | : 30 m - 100 m   | Elev (masl) | Pum  | ng WL<br>o Rate   | (mbgs)<br>(LPM)   | /<br>Hr / Min  |
|                          | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL   | ng and Te Monitoring and (mbgs) (ma   | RC 4 margin of error  | 2: 30 m - 100 m  Depth (m)  0.0  | Elev (masi) | Pum<br>Spec  | ng WL<br>o Rate<br>c. Cap.  | (mbgs)<br>(LPM)<br>(LPM/m)  | /<br>Hr / Min<br>ns  |
|                          | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL   | ng and Te Monitoring and (mbgs) (ma   | RC 4 margin of error  | 2: 30 m - 100 m  Depth (m) 0.0  0.3  | Elev (masl) | Pum<br>Spec<br>Color   | ng WL<br>o Rate<br>c. Cap.<br>GRAVEL /  | (mbgs) (LPM) (LPM/m) Soil Descriptio  | / Hr / Min ns  |
|                          | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL   | ng and Te Monitoring and (mbgs) (ma   | RC 4 margin of error  | Depth (m) 0.0 0.3 1.5  | Elev (masl) | Pum<br>Spec<br>Color<br>GREY<br>BROWN  | ng WL<br>o Rate<br>Cap.<br>GRAVEL /<br>SAND /   | (mbgs)<br>(LPM)<br>(LPM/m)  | / Hr / Min ns / LOOSE / LOOSE  |
|                          | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL   | ng and Te Monitoring and (mbgs) (ma   | RC 4 margin of error  | 2: 30 m - 100 m  Depth (m) 0.0  0.3  | Elev (masl) | Pum<br>Spec<br>Color   | ng WL<br>o Rate<br>c. Cap.<br>GRAVEL /  | (mbgs) (LPM) (LPM/m) Soil Descriptio  | / Hr / Min ns  |
|                          | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL   | ng and Te Monitoring and (mbgs) (ma   | RC 4 margin of error<br>Test Hole<br>asl)   | Depth (m) 0.0 0.3 1.5  |             | Pum<br>Spec<br>Color<br>GREY<br>BROWN<br>GREY  | ng WL p Rate . Cap.  GRAVEL / SAND / LIMESTONE / wing?                                  | (mbgs) (LPM) (LPM/m)  Soil Descriptio   | / Hr / Min ns  / LOOSE / LOOSE / LAYERED                                   |
| 7225496                  | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc  | a3862 UTM R ng and Te Monitoring and (mbgs) (ma ING AVE.  | RC 4 margin of error Test Hole asl)  NEPEAN TO  | 0.3<br>1.5<br>5.2<br>WNSHIP / OTTAWA-CA  |             | Pum<br>Spec<br>Color<br>GREY<br>BROWN<br>GREY  | ng WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL                              | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs)                                       | Hr / Min ns / LOOSE / LOOSE / LAYERED (masl)                               |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m  | assl) Easting 4   | RC 4 margin of error Test Hole assl)  NEPEAN TO 41556  Northing                         | 0.3<br>1.5<br>5.2<br>WNSHIP / OTTAWA-CA  |             | Pum<br>Spec<br>Color<br>GREY<br>BROWN<br>GREY  | ng WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL                              | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs)                                | Hr / Min  ns  / LOOSE / LOOSE / LAYERED                                    |
| 7225496                  | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc  | assl) Easting 4   | RC 4 margin of error Test Hole asi)  NEPEAN TO 41556 Northing                           | 0.3<br>1.5<br>5.2<br>WNSHIP / OTTAWA-CA  |             | Pum Special Sp | ng WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL                              | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs)                                       | Hr / Min  ns  / LOOSE / LOOSE / LAYERED  (masl)                            |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283   | asl) Easting 4  | NEPEAN TO  41556 Northing RC 4 margin of error  | Depth (m)<br>0.0<br>0.3<br>1.5<br>5.2<br>WNSHIP / OTTAWA-CA<br>g 5025536<br>: 30 m - 100 m | RLETON      | Pum Special Sp | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL ng WL                         | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs)                                | Hr / Min  ns  / LOOSE / LOOSE / LAYERED  (masl)                            |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin                              | asl) Easting 4 ag and Te Monitoring and (mbgs) (mallored)  Easting 4 and Te Monitoring and UTM R                                    | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m) 0.0  0.3 1.5 5.2  WNSHIP / OTTAWA-CA g 5025536 : 30 m - 100 m  Depth (m)         | RLETON      | Pum Spec   | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL ng WL p Rate                  | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m)                  | Hr / Min  Ass  / LOOSE / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin Water Found                  | assl) Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma ING AVE.  Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m)<br>0.0<br>0.3<br>1.5<br>5.2<br>WNSHIP / OTTAWA-CA<br>g 5025536<br>: 30 m - 100 m | RLETON      | Pum Special Sp | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL ng WL p Rate                  | (mbgs) (LPM) (LPM/m)  Soil Description  GRAVEL  (mbgs) (mbgs) (LPM)                         | Hr / Min  Ass  / LOOSE / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min |
| 7225496<br>ate 6/24/2014 | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL | assl) Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma ING AVE.  Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m) 0.0  0.3 1.5 5.2  WNSHIP / OTTAWA-CA g 5025536 : 30 m - 100 m  Depth (m)         | RLETON      | Pum Spec   | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL ng WL p Rate                  | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m)                  | Hr / Min  Ass  / LOOSE / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin Water Found                  | assl) Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma ING AVE.  Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m) 0.0  0.3 1.5 5.2  WNSHIP / OTTAWA-CA g 5025536 : 30 m - 100 m  Depth (m)         | RLETON      | Pum Spec   | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL ng WL p Rate                  | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m)                  | Hr / Min  Ass  / LOOSE / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL | assl) Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma ING AVE.  Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m) 0.0  0.3 1.5 5.2  WNSHIP / OTTAWA-CA g 5025536 : 30 m - 100 m  Depth (m) 0.0     | RLETON      | Pum Special Sp | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE /  wing? SWL ng WL p Rate c Cap.          | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m)                  | Hr / Min  ns  / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min  ns      |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL | assl) Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma ING AVE.  Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m) 0.0  0.3 1.5 5.2  WNSHIP / OTTAWA-CA g 5025536 :: 30 m - 100 m  Depth (m) 0.0    | RLETON      | Pum Special Sp | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE / wing? SWL ng WL p Rate c Cap.  GRAVEL / | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m)  Soil Descriptio | Hr / Min  ns  / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min  ns      |
| 7225496 ate 6/24/2014    | Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL Town/City Ottawa  Lot Conc Elev (m Well_Depth_m: 5.1799998283  / Monitorin Water Found Street 1599 CARL | assl) Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma ING AVE.  Easting 4 33862 UTM R mg and Te Monitoring and (mbgs) (ma | NEPEAN TO  A1556 RC 4 margin of error  NEPEAN TO  A1556 RC 4 margin of error  Test Hole | Depth (m) 0.0  0.3 1.5 5.2  WNSHIP / OTTAWA-CA g 5025536 : 30 m - 100 m  Depth (m) 0.0     | RLETON      | Pum Special Sp | g WL p Rate c Cap.  GRAVEL / SAND / LIMESTONE /  wing? SWL ng WL p Rate c Cap.          | (mbgs) (LPM) (LPM/m)  Soil Descriptio  GRAVEL  (mbgs) (mbgs) (LPM) (LPM/m)                  | Hr / Min  ns  / LOOSE / LOOSE / LAYERED  (masl) (masl) / Hr / Min  ns      |

|                  | ord #            |  |   |  |                                    | ased on Ministry of E                                |             |                                   |                                   | 211.00. 31, 2010  | ,                                 |
|------------------|------------------|--|---|--|------------------------------------|--|-------------|-----------------------------------|-----------------------------------|---|-----------------------------------|
| 722549           | 197              | Lot  | Conc  |  | NEPEAN TOWNSH                      | HIP / OTTAWA-CARL                                    | ETON        | Flow                              | -                                 |   |                                   |
|                  | 24/2014<br>DMMYY | Elev Well_Depth_m: Water Four Street Town/City | / Monitoring and Te nd (mbgs) 1599 CARLING AVE.                                       | Easting 441526<br>UTM RC 4<br>Monitoring and Test Hole<br>(masl) | margin of error : 30 m             | 5025541<br>- <b>100 m</b><br><b>Depth (m)</b><br>0.0 | Elev (masi) | Pumping<br>Pump<br>Spec.<br>Color | Rate                              | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptio | (masl)<br>(masl)<br>/<br>Hr / Min |
| 722549           | 198              | Lot  | Conc  |  | NEPEAN TOWNSH                      | HIP / OTTAWA-CARL                                    | ETON        | Flow                              | ing?                              |   | ,                                 |
| Date 6/24        | 24/2014<br>DMMYY | Elev Well_Depth_m: Water Four Street Town/City | / Monitoring and Te nd (mbgs) 1599 CARLING AVE.                                       | Easting 441547<br>UTM RC 4<br>Monitoring and Test Hole<br>(masl) | margin of error : 30 m             | 5025529<br>- <b>100 m</b><br><b>Depth (m)</b><br>0.0 | Elev (masl) | Pumping<br>Pump<br>Spec.<br>Color | Rate                              | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptio | (masl)<br>(masl)<br>/<br>Hr / Min |
| 70055            | 60               | 1 04   | Como  |  | NEDEAN TOWNS                       | HIP / OTTAWA-CARL                                    | ETON        | Flow                              | ing?                              |   |                                   |
|                  | 24/2014<br>DMMYY | Lot  Elev  Well_Depth_m:                       | -   | Easting 441564 UTM RC 4 Monitoring and Test Hole (masl)          | Northing<br>margin of error : 30 m | 5025557  | Elev (masi) |                                   | SWL<br>J WL<br>Rate               | (mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptio             | (masl)<br>(masl)<br>/<br>Hr / Min |
|                  |                  | Street<br>Town/City                            | 1599 CARLING AVE.<br>Ottawa   |  |                                    | 0.3<br>1.5<br>5.2                                    |             | GREY<br>BROWN<br>GREY             | GRAVEL /<br>SAND /<br>LIMESTONE / | GRAVEL  | / LOOSE<br>/ LOOSE<br>/ LAYERED   |
| 722556           | 63               | Lot  | Conc  |  | NEPEAN TOWNSH                      | HIP / OTTAWA-CARL                                    | ETON        | Flow                              |                                   |   | , 2.1.2.123                       |
| <b>Date</b> 6/24 | 24/2014<br>DMMYY | Elev<br>Well_Depth_m:<br>Water Four            | (masl)<br>: 5.17999982833862<br>/ Monitoring and Te<br>nd (mbgs)<br>1599 CARLING AVE. | Easting 441554 UTM RC 4 Monitoring and Test Hole (masl)          | Northing<br>margin of error : 30 m | 5025542  | Elev (masl) |                                   | SWL<br>J WL<br>Rate               | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptio | (masl)<br>(masl)<br>/<br>Hr / Min |
|                  |                  |  |   |  |                                    | 0.3<br>1.5<br>5.2                                    |             | GREY<br>BROWN<br>GREY             | GRAVEL /<br>SAND /<br>LIMESTONE / | GRAVEL  | / LOOSE<br>/ LOOSE<br>/ LAYERED   |
|                  | 64               | Lot  | Conc  |  | NEPEAN TOWNSH                      | HIP / OTTAWA-CARL                                    | ETON        | Flow                              | -                                 |   | ,                                 |
| 722556           |                  | Elev   | (masl)  | Easting 441536<br>UTM RC 4                                       | Northing margin of error : 30 m    | 5025543<br>- <b>100 m</b>                            |             | Pumping<br>Pump<br>Spec.          | Rate                              | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)                    | (masl)<br>(masl)<br>/             |
| Date 6/25        | 25/2014<br>DMMYY | Well_Depth_m:                                  | / Monitoring and Te   | Monitoring and Test Hole   | е                                  | Depth (m)  | Elev (masl) | Spec.                             |                                   | (21 147111)   | Hr / Min                          |
| Date 6/25        |                  | Water Fou                                      | / Monitoring and Te nd (mbgs) 1599 CARLING AVE.                                       | Monitoring and Test Hole<br>(masl)                               | е                                  | <b>Depth (m)</b><br>0.0                              | Elev (masl) | Color                             |                                   | Soil Descriptio   |                                   |

| Well Re | ecord #             |                                   |                               |               |                         |                                 | Based on               | Ministry of E           | Invironment Wa | ater Well Info | rmation Database Dec          | ember 31, 2016            | , available online.   |
|---------|---------------------|-----------------------------------|-------------------------------|---------------|-------------------------|---------------------------------|------------------------|-------------------------|----------------|----------------|-------------------------------|---------------------------|-----------------------|
|         |                     |                                   |                               |               |                         |                                 |                        | 3.7<br>5.8              |                | BROWN<br>GREY  | SAND /<br>LIMESTONE /         | GRAVEL                    | / LOOSE               |
| 722     | 25565               | Lot                               | Conc                          |               |                         | NEPEAN TOWN                     | NSHIP / OT             |                         | LETON          |                | Flowing?                      |                           |                       |
| Date    | 6/23/2014<br>DDMMYY | Elev<br>Well_Depth_m:             | (masl)<br>8.22000026702881    | Easting<br>UT | 441535<br><b>M RC</b> 4 | Northing<br>margin of error : 3 | 5025543<br>0 m - 100 m |                         |                |                | SWL<br>umping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)      |
|         |                     |                                   | / Monitoring and Te           | Monitoring    | and Test Ho             | alo.                            |                        |                         |                |                | Spec. Cap.                    | (LPM/m)                   | ,<br>Hr / Min         |
|         |                     |                                   | nd (mbgs)<br>1599 CARLING AVE |               | (masl)                  | ne                              |                        | <b>Depth (m)</b><br>0.0 | Elev (masl)    | Color          |                               | Soil Descriptio           | ns                    |
|         |                     | Town/City                         | Ottawa                        |               |                         |                                 |                        |                         |                |                |                               |                           |                       |
|         |                     |                                   |                               |               |                         |                                 |                        | 0.3<br>1.5              |                | GREY<br>BROWN  | GRAVEL /<br>SAND /            | GRAVEL                    | / LOOSE<br>/ LOOSE    |
|         |                     |                                   |                               |               |                         |                                 |                        | 8.2                     |                | GREY           | LIMESTONE /                   | GRAVEL                    | / LOUSE<br>/ LAYERED  |
| 700     | 25566               | Lot                               | Conc                          |               |                         | NEPEAN TOWN                     | NSHIP / OT             |                         | FTON           | J. (L.)        | Flowing?                      |                           | , 2 (11112)           |
|         |                     |                                   |                               |               |                         |                                 |                        | IAWA-UAN                | LLION          |                | SWL                           | (mbgs)                    | (masl)                |
| Date    | 6/23/2014           | Elev                              | (masl)                        | Easting       | 441538                  | Northing                        | 5025547                |                         |                | Pı             | umping WL                     | (mbgs)                    | (masl)                |
|         | DDMMYY              | Well_Depth_m:                     | 8.22000026702881              | UT            | MRC 4                   | margin of error : 3             | 0 m - 100 m            |                         |                |                | Pump Rate                     | (LPM)                     | 1                     |
|         |                     |                                   | / Monitoring and Te           | e Monitoring  | and Test Ho             | le                              |                        | Depth (m)               | Elev (masl)    |                | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|         |                     | Water Four<br>Street              | ( 3 /                         |               | (masl)                  |                                 |                        | 0.0                     | Liev (iliasi)  | Color          |                               | Soil Descriptio           | ns                    |
|         |                     | Town/City                         | Ottawa                        |               |                         |                                 |                        |                         |                |                |                               |                           |                       |
|         |                     |                                   |                               |               |                         |                                 |                        | 0.3                     |                | GREY           | GRAVEL /                      |                           | / LOOSE               |
|         |                     |                                   |                               |               |                         |                                 |                        | 1.8                     |                | BROWN          | SAND /                        | GRAVEL                    | / LOOSE               |
|         |                     |                                   |                               |               |                         |                                 |                        | 8.2                     |                | GREY           | LIMESTONE /                   |                           | / LAYERED             |
| 722     | 25567               | Lot                               | Conc                          |               |                         | OTTAWA                          | CITY / OT              | TAWA-CAR                | LETON          |                | Flowing?                      |                           |                       |
| Date    | 6/24/2014           | Elev                              | (masl)                        | Easting       | 441537                  | Northing                        | 5025543                |                         |                | _              | SWL                           | (mbgs)                    | (masl)                |
|         | DDMMYY              |                                   | 3.96000003814697              | -             | MRC 4                   | margin of error : 3             |                        |                         |                |                | umping WL<br>Pump Rate        | (mbgs)<br>(LPM)           | (masl)<br>/           |
|         |                     |                                   | / Monitoring and Te           | e Monitoring  | and Test Ho             | le                              |                        | Depth (m)               | Elev (masl)    |                | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|         |                     | Water Four<br>Street<br>Town/City | 1599 CARLING AVE.             |               | (masl)                  |                                 |                        | 0.0                     | Liev (masi)    | Color          |                               | Soil Descriptio           | ns                    |
|         |                     |                                   |                               |               |                         |                                 |                        | 0.3                     |                | GREY           | GRAVEL /                      |                           | / LOOSE               |
|         |                     |                                   |                               |               |                         |                                 |                        | 3.1                     |                | BROWN          | SAND /                        | GRAVEL                    | / LOOSE               |
|         |                     |                                   |                               |               |                         |                                 |                        | 4.0                     |                | GREY           | GRAVEL /                      | SAND                      | / DENSE               |
| 722     | 25568               | Lot                               | Conc                          |               |                         | NEPEAN TOWN                     | NSHIP / OT             | TAWA-CAR                | LETON          |                | Flowing?                      | (mbgs)                    | (maal)                |
| Date    | 6/24/2014<br>DDMMYY | Elev<br>Well_Depth_m:             | (masl)<br>5.17999982833862    | Easting<br>UT | 441569<br>M RC 4        | Northing<br>margin of error : 3 | 5025562<br>0 m - 100 m |                         |                |                | SWL<br>umping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)<br>/ |
|         |                     |                                   | / Monitoring and Te           | e Monitorina  | and Test Ho             | ole                             |                        | Daniel ( )              | Elect 0        |                | Spec. Cap.                    | (LPM/m)                   | Hr / Min              |
|         |                     | Water Four<br>Street              | nd (mbgs)                     |               | (masl)                  |                                 |                        | 0.0                     | Elev (masl)    | Color          |                               | Soil Descriptio           | ns                    |
|         |                     |                                   |                               | •             |                         |                                 |                        |                         |                |                |                               |                           |                       |
|         |                     | Town/City                         | Ottawa                        |               |                         |                                 |                        |                         |                |                |                               |                           |                       |
|         |                     |                                   | Ottawa                        |               |                         |                                 |                        | 0.3                     |                | CDEV           | CDAVEL /                      |                           | / 1,0085              |
|         |                     |                                   | Ottawa                        |               |                         |                                 |                        | 0.3<br>1.5              |                | GREY<br>BROWN  | GRAVEL /<br>SAND /            | GRAVEL                    | / LOOSE<br>/ LOOSE    |

| Wel | l Reco | rd# |
|-----|--------|-----|
|-----|--------|-----|

| veii | Recoru #            |                      |                              |               |                  |                              | Daseu on                      | willistry of L    | vii Oliillelli vv | ater wen miorin | ation Database Dec                | ember 51, 2010,           | available offilite.         |
|------|---------------------|----------------------|------------------------------|---------------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------|-----------------------------------|---------------------------|-----------------------------|
| 7:   | 225569              | Lot                  | Conc                         |               |                  | NEPEAN TOW                   | NSHIP / OT                    | TAWA-CARI         | LETON             | F               | owing?                            |                           | ,                           |
| Date | 6/24/2014<br>DDMMYY | Elev<br>Well_Depth_m | (masl) 1: 5.17999982833862   | Easting<br>UT | 441562<br>M RC 4 | Northing margin of error : 3 | 5025539<br><b>0 m - 100 m</b> |                   |                   |                 | SWL<br>bing WL<br>np Rate         | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)<br>/       |
|      |                     |                      | / Monitoring and To          | e Monitoring  | and Test Hol     | e                            |                               | Depth (m)         | Elev (masl)       | Sp              | ес. Сар.                          | (LPM/m)                   | Hr / Min                    |
|      |                     | Water Fou            | und (mbgs)                   |               | (masl)           |                              |                               | 0.0               | Liev (masi)       | Color           |                                   | Soil Description          | ns                          |
|      |                     | Stree<br>Town/City   | t 1599 CARLING AVE<br>Ottawa | Ī.            |                  |                              |                               |                   |                   |                 |                                   | ·                         |                             |
|      |                     |                      |                              |               |                  |                              |                               | 0.3               |                   | GREY            | GRAVEL /                          |                           | / LOOSE                     |
|      |                     |                      |                              |               |                  |                              |                               | 1.5               |                   | BROWN           | SAND /                            | GRAVEL                    | / LOOSE                     |
|      |                     |                      |                              |               |                  |                              |                               | 5.2               |                   | GREY            | LIMESTONE /                       |                           | / LAYERED                   |
| 7:   | 225570              | Lot                  | Conc                         |               |                  | NEPEAN TOW                   | NSHIP / OT                    | TAWA-CARI         | ETON              | F               | owing?                            |                           |                             |
| Date | 6/24/2014           | Elev                 | (masl)                       | Easting       | 441553           | Northing                     | 5025548                       |                   |                   | _               | SWL                               | (mbgs)                    | (masl)                      |
| Date | DDMMYY              |                      | i: 5.17999982833862          | -             | M RC 4           | margin of error : 3          |                               |                   |                   |                 | oing WL                           | (mbgs)                    | (masl)                      |
|      | DDI                 | Wen_Beptin_in        | . 3.17777702033002           | ٠.            |                  | margin or error . 3          | 0 111 - 100 111               |                   |                   |                 | np Rate                           | (LPM)                     | /                           |
|      |                     |                      | / Monitoring and To          | e Monitoring  | and Test Hol     | е                            |                               | Depth (m)         | Elev (masl)       | Sp              | ec. Cap.                          | (LPM/m)                   | Hr / Min                    |
|      |                     | Water Fou            | und (mbgs)                   |               | (masl)           |                              |                               | 0.0               | , ()              | Color           |                                   | Soil Description          | ns                          |
|      |                     | Stree<br>Town/City   | t 1599 CARLING AVE  Ottawa   |               |                  |                              |                               |                   |                   |                 |                                   |                           |                             |
|      |                     |                      |                              |               |                  |                              |                               | 0.3               |                   | GREY            | GRAVEL /                          |                           | / LOOSE                     |
|      |                     |                      |                              |               |                  |                              |                               | 1.5               |                   | BROWN           | SAND /                            | GRAVEL                    | / LOOSE                     |
|      |                     |                      |                              |               |                  |                              |                               | 5.2               |                   | GREY            | LIMESTONE /                       | OIVIVEE                   | / LAYERED                   |
| 7    | 225571              | Lot                  | Conc                         |               |                  | NEPEAN TOWI                  | NSHIP / OT                    |                   | ETON              |                 | owing?                            |                           | ,                           |
|      |                     |                      | COIIC                        |               |                  |                              |                               | 17.007.1-07.11.11 |                   |                 | SWL                               | (mbgs)                    | (masl)                      |
| Date | 5/24/2014           | Elev                 | (masl)                       | Easting       | 441541           | Northing                     | 5025552                       |                   |                   | Pumi            | oing WL                           | (mbgs)                    | (masl)                      |
|      | DDMMYY              | Well_Depth_m         | : 5.17999982833862           | UT            | MRC 4            | margin of error : 3          | 0 m - 100 m                   |                   |                   | Pui             | np Rate                           | (LPM)                     | , ,                         |
|      |                     |                      | / Monitoring and To          | e Monitorina  | and Test Hol     | <b>6</b>                     |                               |                   |                   | Sp              | ec. Cap.                          | (LPM/m)                   | Hr / Min                    |
|      |                     | Water Fou            | -                            | c wormoning   | (masl)           | C                            |                               | Depth (m)         | Elev (masl)       |                 |                                   |                           |                             |
|      |                     |                      | t 1599 CARLING AVE           | :             | (maor)           |                              |                               | 0.0               |                   | Color           |                                   | Soil Description          | ns                          |
|      |                     | Town/City            |                              |               |                  |                              |                               |                   |                   |                 |                                   |                           |                             |
|      |                     |                      |                              |               |                  |                              |                               | 0.3               |                   | GREY            | GRAVEL /                          |                           | / LOOSE                     |
|      |                     |                      |                              |               |                  |                              |                               | 1.5               |                   | BROWN           | SAND /                            | GRAVEL                    | / LOOSE                     |
|      |                     |                      |                              |               |                  |                              |                               | 5.2               |                   | GREY            | LIMESTONE /                       |                           | / LAYERED                   |
| 7:   | 225572              | Lot                  | Conc                         |               |                  | NEPEAN TOWI                  | NSHIP / OT                    | TAWA-CARI         | _ETON             | F               | owing?                            |                           |                             |
|      |                     |                      | /maa.al\                     | F             | 444540           | N 41-1                       | E005007                       |                   |                   |                 | SWL                               | (mbgs)                    | (masl)                      |
| Date | 6/20/2014           | Elev                 | (masl)                       | Easting       | 441546           | Northing                     | 5025337                       |                   |                   | Pumj            | oing WL                           | (mbgs)                    | (masl)                      |
|      | DDMMYY              | weii_Deptn_m         | i: 5.17999982833862          | UI            | MRC 4            | margin of error : 3          | U III - 1UU M                 |                   |                   | Pui             | np Rate                           | (LPM)                     | 1                           |
|      |                     |                      | / Monitoring and To          | e Monitoring  | and Test Hol     | e                            |                               | Donth (m)         | Floy (mool)       | Sp              | ес. Сар.                          | (LPM/m)                   | Hr / Min                    |
|      |                     |                      |                              | 3             | (masl)           |                              |                               | Depth (m)<br>0.0  | Elev (masl)       | Color           |                                   | Soil Description          | ne                          |
|      |                     | Water Fou            | und (mbgs)                   |               | (IIIasi)         |                              |                               |                   |                   |                 |                                   | JULI DESCRIPTION          | 113                         |
|      |                     | Stree                | t 1599 CARLING AVE           | Ē.            | (IIIasi)         |                              |                               | 0.0               |                   | 20.0.           |                                   | ·                         |                             |
|      |                     |                      | t 1599 CARLING AVE           | Ξ.            | (masi)           |                              |                               |                   |                   |                 | GRAVEL /                          | SAND                      | / LOOSE                     |
|      |                     | Stree                | t 1599 CARLING AVE           | Ξ.            | (masi)           |                              |                               | 0.3               |                   | GREY            | GRAVEL /<br>SAND /                | SAND<br>GRAVEL            | / LOOSE<br>/ SOFT           |
|      |                     | Stree                | t 1599 CARLING AVE           | Ē.            | (IIIasi)         |                              |                               |                   |                   |                 | GRAVEL /<br>SAND /<br>LIMESTONE / | SAND<br>GRAVEL            | / LOOSE<br>/ SOFT<br>/ SOFT |

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| <b>.</b> | Recoru #                   |                                  |                                   |                |                        |                                 |                               |                         |             |       | ormation Databas                             |        | , ,                                  |                                   |
|----------|----------------------------|----------------------------------|-----------------------------------|----------------|------------------------|---------------------------------|-------------------------------|-------------------------|-------------|-------|--|--------|--------------------------------------|-----------------------------------|
| 72       | 225573                     | Lot                              | Conc                              |                |                        | NEPEAN TOW                      | NSHIP / OT                    | TAWA-CARI               | ETON        |       | Flowing?                                     |        |                                      | ( D                               |
| Date     | 6/23/2014<br>DDMMYY        | Elev<br>Well_Depth_m             | (masl): 8.22000026702881          |                | 441555<br>MRC 4        | Northing<br>margin of error : 3 | 5025536<br><b>0 m - 100 m</b> |                         |             | I     | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. |        | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min |
|          |                            | Water Fou                        | / Monitoring and To<br>and (mbgs) | -              | ind Test Hol<br>(masl) | le                              |                               | Depth (m)               | Elev (masl) |       | open sup                                     |        | , ,                                  |                                   |
|          |                            |                                  | 1599 CARLING AVE                  |                | (IIIasi)               |                                 |                               | 0.0                     |             | Color |  |        | Soil Description                     | s                                 |
|          |                            |                                  |                                   |                |                        |                                 |                               | 0.3                     |             | GREY  | GRA  | VEL /  |                                      | / LOOSE                           |
|          |                            |                                  |                                   |                |                        |                                 |                               | 1.5                     |             | BROWN | S  | AND /  | GRAVEL                               | / LOOSE                           |
|          |                            |                                  |                                   |                |                        |                                 |                               | 8.2                     |             | GREY  | LIMEST                                       | ONE /  |                                      | / LAYERED                         |
| 72       | 225574                     | Lot                              | Conc                              |                |                        | NEPEAN TOW                      | NSHIP / OT                    | ΓAWA-CARI               | ETON        |       | Flowing?                                     |        |                                      |                                   |
| Date     | 6/20/2014                  | Elev                             | (masl)                            | Easting        | 441541                 | Northing                        | 5025546                       |                         |             |       | SWL  |        | (mbgs)                               | (masl)                            |
|          | DDMMYY                     |                                  | : 5.17999982833862                | •              | IRC 4                  | margin of error : 3             |                               |                         |             |       | Pumping WL                                   |        | (mbgs)                               | (masl)<br>/                       |
|          | *****                      |                                  |                                   |                |                        | ū                               |                               |                         |             |       | Pump Rate<br>Spec. Cap.                      |        | (LPM)<br>(LPM/m)                     | /<br>Hr / Min                     |
|          |                            |                                  | / Monitoring and To               |                |                        | le                              |                               | Depth (m)               | Elev (masl) |       | орес. Сар.                                   |        | (LF W/III)                           | I II / IVIIII                     |
|          |                            | Water Fou                        | , ,                               |                | (masl)                 |                                 |                               | 0.0                     |             | Color |  |        | Soil Description                     | s                                 |
|          |                            | Street<br>Town/City              | t 1599 CARLING AVE  Ottawa        | Ī.             |                        |                                 |                               |                         |             |       |  |        |                                      |                                   |
|          |                            |                                  |                                   |                |                        |                                 |                               | 0.3                     |             | BROWN | TOPS   | SOIL / |                                      | / SOFT                            |
|          |                            |                                  |                                   |                |                        |                                 |                               | 1.8                     |             | BROWN | S  | AND /  | GRAVEL                               | / SOFT                            |
|          |                            |                                  |                                   |                |                        |                                 |                               | 5.2                     |             | GREY  | LIMEST                                       | ONE /  |                                      | / LAYERED                         |
| 72       | 225575                     | Lot                              | Conc                              |                |                        | NEPEAN TOW                      | NSHIP / OT                    | ΓAWA-CARI               | ETON        |       | Flowing?                                     |        |                                      |                                   |
| Date     | 6/20/2014                  | Elev                             | (masl)                            | Easting        | 441568                 | Northing                        | 5025569                       |                         |             |       | SWL  |        | (mbgs)                               | (masl)                            |
| Date     | DDMMYY                     |                                  | : 3.66000008583069                | •              | ##1506<br># RC 4       | margin of error : 3             |                               |                         |             |       | Pumping WL                                   |        | (mbgs)                               | (masl)                            |
|          | DDIMINIT                   | Wen_Deptn_m                      | . 3.00000000303007                | 011            |                        | margin or error . 3             | 0 111 - 100 111               |                         |             |       | Pump Rate                                    |        | (LPM)                                | /                                 |
|          |                            |                                  | / Monitoring and To               | e Monitoring a | ind Test Hol           | le                              |                               | Depth (m)               | Elev (masl) |       | Spec. Cap.                                   |        | (LPM/m)                              | Hr / Min                          |
|          |                            | Water Fou<br>Street<br>Town/City | 1599 CARLING AVE                  |                | (masl)                 |                                 |                               | 0.0                     |             | Color |  |        | Soil Description                     | s                                 |
|          |                            |                                  |                                   |                |                        |                                 |                               | 0.6                     |             | GREY  | GRA  | VEL /  |                                      | / LOOSE                           |
|          |                            |                                  |                                   |                |                        |                                 |                               | 1.5                     |             | BROWN |  | AND /  | GRAVEL                               | / SOFT                            |
|          |                            |                                  |                                   |                |                        |                                 |                               | 3.7                     |             | GREY  | GRA  | VEL /  | SAND                                 | / SOFT                            |
| 72       | 225576                     | Lot                              | Conc                              |                |                        | NEPEAN TOW                      | NSHIP / OT                    | ΓAWA-CARI               | ETON        |       | Flowing?<br>SWL                              |        | (mbgs)                               | (masl)                            |
| Date     | 6/20/2014<br><b>DDMMYY</b> | Elev<br>Well_Depth_m             | (masl): 5.17999982833862          | Easting<br>UTM | 441558<br><b>MRC</b> 4 | Northing margin of error : 3    | 5025568<br><b>0 m - 100 m</b> |                         |             | I     | Pumping WL<br>Pump Rate                      |        | (mbgs)<br>(LPM)                      | (masl)<br>/                       |
|          |                            |                                  | / Monitoring and To               | e Monitoring a | and Test Hol           | le .                            |                               |                         |             |       | Spec. Cap.                                   |        | (LPM/m)                              | Hr / Min                          |
|          |                            | Water Fou<br>Street<br>Town/City | ind (mbgs)<br>t 1599 CARLING AVE  | (              | (masl)                 |                                 |                               | <b>Depth (m)</b><br>0.0 | Elev (masl) | Color |  |        | Soil Description                     | s                                 |
|          |                            | -                                |                                   |                |                        |                                 |                               | 0.3                     |             | BROWN | TOPS   | SOIL / |                                      | / SOFT                            |
|          |                            |                                  |                                   |                |                        |                                 |                               | 1.8                     |             | BROWN |  | AND /  | GRAVEL                               | / SOFT                            |
|          |                            |                                  |                                   |                |                        |                                 |                               |                         |             |       |  |        |                                      |                                   |
|          |                            |                                  |                                   |                |                        |                                 |                               | 5.2                     |             | GREY  | LIMEST                                       | ONE /  |                                      | / LAYERED                         |

|                           |   |   | Based or  |             |               |   |             |                                      |                                   |
|---------------------------|---|---|---|-------------|---------------|---|-------------|--------------------------------------|-----------------------------------|
| 7225577                   | Lot Conc  |   | NEPEAN TOWNSHIP / C                               | TTAWA-CARI  | ETON .        | Flowin  | -           |                                      |                                   |
| Date 6/20/2014<br>DDMMYY  | <b>Elev</b> (masl) <b>Well_Depth_m:</b> 5.17999982833862  / Monitoring and Te | Easting 441548  UTM RC 4  Monitoring and Test Hol | Northing 502555<br>margin of error : 30 m - 100 m |             | Elev (masi)   | S'<br>Pumping <sup>l</sup><br>Pump R<br>Spec. C | ate         | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>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           |               |   | VL          | (mbgs)                               | (masl)                            |
| DDMMYY                    | Well_Depth_m: 5.17999982833862  | UTM RC 4  | margin of error : 30 m - 100 m                    |             |               | Pumping <sup>v</sup><br>Pump R                  |             | (mbgs)<br>(LPM)                      | (masl)                            |
|                           | / Manitarina T-   | Monitoring and Test Uni                           | •   |             |               | Spec. C   |             | (LPM/m)                              | ,<br>Hr / Min                     |
|                           | / Monitoring and Te Water Found (mbgs)  | Monitoring and Test Hol<br>(masl)                 | е   | Depth (m)   | Elev (masl)   | ·   |             | , ,                                  |                                   |
|                           | Street 1599 CARLING AVE Town/City Ottawa                                      | , ,   |   | 0.0         |               | Color   |             | Soil Descriptio                      | 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  | g?          |                                      |                                   |
|                           |   | Footing 444577                                    |   |             |               |   | WL          | (mbgs)                               | (masl)                            |
| Date 10/28/2014<br>DDMMYY | Elev (masl) Well_Depth_m:   | Easting 441577<br>UTM RC 4                        | Northing 502555<br>margin of error : 30 m - 100 m |             |               | Pumping '                                       |             | (mbgs)                               | (masl)                            |
| DD WINN 1 1               |   | OTWING 4  | margin or enter . 30 m - 100 m                    | •           |               | Pump R  |             | (LPM)                                | /<br>Hr / Min                     |
|                           | /   | Abandoned-Other                                   |   | Depth (m)   | Elev (masl)   | Spec. C   | ap.         | (LPM/m)                              | mr / IVIII                        |
|                           | 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         | Flowin  | g?          |                                      | I                                 |
|                           |   | F41 444550  |   |             |               | S   | <b>V</b> L  | (mbgs)                               | (masl)                            |
| Date 10/28/2014<br>DDMMYY | Elev (masl) Well_Depth_m:   | Easting 441556<br>UTM RC 4                        | Northing 502555<br>margin of error : 30 m - 100 m |             |               | Pumping '                                       |             | (mbgs)                               | (masl)                            |
| DDMMTT                    | Weil_Beptil_III.  | OTM RO 4  | margin of error . 30 m - 100 m                    |             |               | Pump R  |             | (LPM)                                | /<br>                             |
|                           | / Other   | Abandoned-Other                                   |   | Depth (m)   | Elev (masl)   | Spec. C   | ap.         | (LPM/m)                              | Hr / Min                          |
|                           | Water Found (mbgs)  | (masl)  |   | 0.0         |               | Color   |             | Soil Description                     | ns                                |
|                           | Street 1599 CORLING AVE Town/City Ottawa                                      |   |   |             |               |   |             |                                      |                                   |
|                           | Tominolly Chang   |   |   |             |               |   | 1           |                                      | 1                                 |
| 7233793                   | Lot Conc  |   | NEPEAN TOWNSHIP / C                               | TTAWA-CARI  | ETON          | Flowin  | g?          |                                      |                                   |
|                           |   | F41 444540  |   |             |               |   | NL .        | (mbgs)                               | (masl)                            |
| Date 10/28/2014<br>DDMMYY | Elev (masl) Well_Depth_m:   | Easting 441549<br>UTM RC 4                        | Northing 502555<br>margin of error : 30 m - 100 m |             |               | Pumping '                                       |             | (mbgs)                               | (masl)                            |
| DDIWIWI I                 |   | OTWING 4  | giii 01 61101 . 30 111 - 100 11                   | •           |               | Pump R  |             | (LPM)                                | /<br>Hr / Min                     |
|                           | / 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                                |
|                           | Townsony Chana  |   |   |             |               |   |             |                                      |                                   |

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|-------|------------|----------------|------------------|-----------------|--------------------------------|--------------------|----------------|------------------------------|--------------|-----------------------|
| 72    | 33794      | Lot            | Conc             |                 | NEPEAN TOWNSHIP / (            | OTTAWA-CARI        | ETON           | Flowing?<br>SWL              | (mbgs)       | (masl)                |
| Date  | 10/28/2014 | Elev           | (masl)           | Easting 441568  | Northing 502555                | 51                 |                | Pumping WL                   | (mbgs)       | (masi)                |
|       | DDMMYY     | Well_Depth_m:  |                  | UTM RC 4        | margin of error : 30 m - 100 r | n                  |                | Pump Rate                    | (LPM)        | (maor)<br>/           |
|       |            |                |                  |                 |                                |                    |                | Spec. Cap.                   | (LPM/m)      | Hr / Min              |
|       |            |                | 1                | Abandoned-Other |                                | Depth (m)          | Elev (masl)    | эрес. Сар.                   | (LF W/III)   | I II / IVIIII         |
|       |            |                | 1599 CARLING AVE | (masl)          |                                | 0.0                | , ,            | Color                        | Soil Descrip | tions                 |
|       |            | Town/City      | Ottawa           |                 |                                |                    |                |                              | 1            | 1                     |
| 72    | 33795      | Lot            | Conc             |                 | NEPEAN TOWNSHIP / (            | OTTAWA-CARI        | _ETON          | Flowing?                     | ,            |                       |
|       |            |                |                  |                 |                                |                    |                | SWL                          | (mbgs)       | (masl)                |
| ate   | 10/28/2014 | Elev           | (masl)           | Easting 441538  | Northing 502554                | 18                 |                | Pumping WL                   | (mbgs)       | (masl)                |
|       | DDMMYY     | Well_Depth_m:  |                  | UTM RC 4        | margin of error : 30 m - 100 r | n                  |                | Pump Rate                    | (LPM)        | , ,                   |
|       |            |                | . 011            |                 |                                |                    |                | Spec. Cap.                   | (LPM/m)      | Hr / Min              |
|       |            |                | / Other          | Abandoned-Other |                                | Depth (m)          | Elev (masl)    | -p                           | (=:)         | ,                     |
|       |            | Water Foun     | ( 0 /            | (masl)          |                                | 0.0                |                | Color                        | Soil Descrip | tions                 |
|       |            | Street         | 1599 CARLING AVE |                 |                                |                    |                |                              |              |                       |
|       |            | Town/City      | Ottawa           |                 |                                |                    |                |                              |              |                       |
|       |            |                |                  |                 |                                |                    |                |                              | 1            | 1                     |
| 72    | 33796      | Lot            | Conc             |                 | NEPEAN TOWNSHIP / (            | OTTAWA-CARI        | ETON           | Flowing?                     |              |                       |
|       |            |                |                  |                 |                                |                    |                | SWL                          | (mbgs)       | (masl)                |
| Date  | 10/28/2014 | Elev           | (masl)           | Easting 441576  | Northing 502556                | 51                 |                | Pumping WL                   | (mbgs)       | (masl)                |
|       | DDMMYY     | Well_Depth_m:  |                  | UTM RC 4        | margin of error : 30 m - 100 r | n                  |                | Pump Rate                    | (LPM)        | /                     |
|       |            |                |                  |                 |                                |                    |                | Spec. Cap.                   | (LPM/m)      | Hr / Min              |
|       |            |                | / Other          | Abandoned-Other |                                | Depth (m)          | Elev (masl)    | эрес. Сар.                   | (LF W/III)   | I II / IVIIII         |
|       |            | Water Foun     | d (mbgs)         | (masl)          |                                | 0.0                |                | Color                        | Soil Descrip | tions                 |
|       |            | Street         | 1599 CARLING AVE |                 |                                |                    |                |                              | ·            |                       |
|       |            | Town/City      | Ottawa           |                 |                                |                    |                |                              |              |                       |
|       |            |                |                  |                 |                                |                    |                |                              | 1            | I                     |
| 72    | 33797      | Lot            | Conc             |                 | NEPEAN TOWNSHIP / (            | OTTAWA-CARI        | ETON           | Flowing?                     |              |                       |
|       |            |                | , ,              |                 |                                | _                  |                | SWL                          | (mbgs)       | (masl)                |
| Date  | 10/28/2014 | Elev           | (masl)           | Easting 441534  | Northing 502553                |                    |                | Pumping WL                   | (mbgs)       | (masl)                |
|       | DDMMYY     | Well_Depth_m:  |                  | UTM RC 4        | margin of error : 30 m - 100 r | n                  |                | Pump Rate                    | (LPM)        | /                     |
|       |            |                | / Other          | Abandanad Othar |                                |                    |                | Spec. Cap.                   | (LPM/m)      | Hr / Min              |
|       |            |                | / Other          | Abandoned-Other |                                | Depth (m)          | Elev (masl)    |                              | , ,          |                       |
|       |            | Water Foun     |                  | (masl)          |                                | 0.0                |                | Color                        | Soil Descrip | tions                 |
|       |            |                | 1599 CARLING AVE |                 |                                |                    |                |                              |              |                       |
|       |            | Town/City      | Ottawa           |                 |                                |                    |                |                              |              |                       |
|       |            |                |                  |                 |                                |                    |                |                              | 1            | I                     |
| 72    | 33798      | Lot            | Conc             |                 | NEPEAN TOWNSHIP / 0            | OTTAWA-CARI        | ETON           | Flowing?<br>SWL              | (mhan)       | (mool)                |
| Date  | 10/28/2014 | Elev           | (masl)           | Easting 441535  | Northing 502553                | 30                 |                |                              | (mbgs)       | (masl)                |
|       | DDMMYY     | Well_Depth_m:  | ···/             | UTM RC 4        | margin of error : 30 m - 100 r |                    |                | Pumping WL                   | (mbgs)       | (masl)                |
|       |            | on_boptii_iii. |                  | 01m10 4         |                                | •                  |                | Pump Rate                    | (LPM)        | /                     |
|       |            |                | / Other          | Abandoned-Other |                                | Depth (m)          | Elev (masl)    | Spec. Cap.                   | (LPM/m)      | Hr / Min              |
|       |            | Water Foun     |                  | (masl)          |                                | 0.0                | LIEV (IIIASI)  | Color                        | Sail Deserie | tions                 |
|       |            |                | 1599 CARLING AVE | . ,             |                                | 0.0                |                | COIOF                        | Soil Descrip | uons                  |
|       |            | Town/City      |                  |                 |                                |                    |                |                              |              |                       |
|       |            |                | Ottawa           |                 |                                |                    |                |                              |              |                       |

|  | Vell Record  | #                                   |  |  | Bas                                    | ed on Ministry of E                | nvironment Wa | ter Well Information Datab                            | ase December 31, 201                       | 6, available online.              |
|--|--------------|-------------------------------------|--|--|--|------------------------------------|---------------|---|--|-----------------------------------|
| March   Marc | 7233799      | Lot                                 | Conc   |  | NEPEAN TOWNSHIP                        | / OTTAWA-CARL                      | ETON          |   |  |                                   |
| Water Found   (mgs)   Color   Color  |              |                                     | n:   | UTM RC 4                                 | •                                      | 00 m                               |               | Pumping WL<br>Pump Rate                               | (mbgs)<br>(LPM)                            | (masl)                            |
| T233800  |              | Water Fo                            | •  |  |  |                                    | Elev (masi)   | Color   | Soil Descript                              | ions                              |
| T233800  |              |                                     |  | E  |  | 0.0                                |               | 33101   | ·  |                                   |
| Math   | 7233800      | Lot                                 | Conc   |  | NEPEAN TOWNSHIP                        | P / OTTAWA-CARL                    | ETON          | Flowing?  | /  | /                                 |
| DDMMYY   Well_Depth_m:   |              |                                     |  | <b>=</b>                                 |  |                                    |               |   | (mbgs)                                     | (masl)                            |
| Mater Found  |              |                                     | , ,  | -  | •                                      |                                    |               | . •   | (mbgs)                                     | (masl)                            |
| Water Found  | DDININI      | Y Well_Deptn_n                      | n:   | UIMIRC 4                                 | margin of error : 30 m - 7             | 00 m                               |               | Pump Rate   |  | 1                                 |
| Mate   Found   |              |                                     | / Monitoring and T   | e Abandoned-Other                        |  | Donth (m)                          | Floy (masl)   | Spec. Cap.  | (LPM/m)                                    | Hr / Min                          |
| T233801  |              | Stree                               | t 1599 CARLING AVE   | , ,                                      |  |                                    | Liev (masi)   | Color   | ·  |                                   |
| Town/City   Claw   Color   C | 7000004      | 1.4                                 | 0  |  | NEDEAN TOWNSHIP                        | OTTANA CARL                        | ETON          | Elowing?  | , , ,                                      | 1                                 |
| 10/25/2014   Elev   (masl)   Easting   441525   Northing   50/25540   Pumping WL   (mbgs)   (masl)   | 7233801      | Lot                                 | Conc   |  | NEPEAN TOWNSHIP                        | 7 OTTAWA-CARL                      | ETON          | _   | (mhas)                                     | (macl)                            |
| DDMMYY   Well_Depth_m:   UTM RC 4   margin of error: 30 m - 100 m   Pump Rate   (LPM)   / (LPM/m)   Hr / Min   | ate 10/25/20 | 14 Elev                             | (masl)   | Easting 441525                           | Northing 50                            | 25540                              |               |   | , • ,                                      | , ,                               |
|  | DDMMY        | Y Well_Depth_n                      | n:   | UTM RC 4                                 | margin of error : 30 m - '             | 00 m                               |               | . •   |  | , ,                               |
| Water Found  |              |                                     |  |  |  |                                    |               | •   | , ,  | •                                 |
| Street   1599 CARLING AVE   Town/City   Ottawa   |              |                                     |  |  |  | Depth (m)                          | Elev (masl)   | орос. оцр.  | (21 14/111)                                | 111 / 141111                      |
| T233802  |              | Stree                               | t 1599 CARLING AVE   | , ,                                      |  | 0.0                                |               | Color   | ·  |                                   |
| SWL   Charles   Mark   Mark  | 7233802      | Lot                                 | Conc   |  | NEPEAN TOWNSHIP                        | P / OTTAWA-CARL                    | ETON          | Flowing?  | ,  |                                   |
| DDMMYY   Well_Depth_m:   |              |                                     | , n  |  |  | 05550                              |               | SWL   | (mbgs)                                     | (masl)                            |
| Abandoned-Other   Abandoned-Other   Mater Found   (mbgs)   (masl)   (mbgs)   (masl)   (lPM/m)   Hr / Min   |              |                                     | , ,  | -  | •                                      |                                    |               | Pumping WL  | (mbgs)                                     | (masl)                            |
| Water Found  | DDMMY        | Y Well_Deptn_n                      | n:   | UIMRC 4                                  | margin of error : 30 m - 7             | 00 m                               |               | Pump Rate   | (LPM)                                      | 1                                 |
| Value   Street   1599 CARLING AVE   Town/City   Ottawa   |              |                                     | 1  | Abandoned-Other                          |  | Donath (m)                         | [[a,, (mage]) | Spec. Cap.  | (LPM/m)                                    | Hr / Min                          |
| T233889  |              | Stree                               | t 1599 CARLING AVE   | , ,                                      |  |                                    | Elev (Illasi) | Color   | Soil Descript                              | ions                              |
| SWL   (mbgs)   (masl)  |              |                                     |  |  |  |                                    |               |   |  |                                   |
| SWL   (mbgs)   (masl)   (mas |              | Townicit                            | , cuana  |  |  |                                    |               |   | /  | 1                                 |
| DDMMYY   Well_Depth_m: 1.53314411640167  | 7233889      |                                     |  |  | NEPEAN TOWNSHIF                        | P / OTTAWA-CARL                    | ETON          |   |  | ,                                 |
| / Monitoring and Te Monitoring and Test Hole  Water Found (mbgs) (masl)  Street 1599 CARLING AVE Town/City Ottawa  Depth (m) Elev (masl)  0.0 Color Soil Descriptions  101 GREY GRAVEL / LOOSE  106 BROWN CLAY / SAND / GRAVEL   |              | Lot                                 | Conc   | Facting 444507                           |  |                                    | ETON          | SWL   | (mbgs)                                     | (masl)                            |
| Water Found (mbgs) (masl) 0.0 Color Soil Descriptions  Street 1599 CARLING AVE Town/City Ottawa  0.1 GREY GRAVEL / LOOSE 0.6 BROWN CLAY / SAND / GRAVEL  | ate 10/28/20 | Lot Elev                            | Conc (masl)  | -  | Northing 50                            | 25544                              | ETON          | SWL<br>Pumping WL                                     | (mbgs)<br>(mbgs)                           | (masl)<br>(masl)                  |
| Water Found         (mbgs)         (masl)         0.0         Color         Soil Descriptions           Street         1599 CARLING AVE         Town/City         Ottawa         0.1         GREY         GRAVEL / JOOSE         JOOSE           0.6         BROWN         CLAY / SAND / GRAVEL         GRAVEL / SAND / GRAVEL         CLAY / SAND / GRAVEL  | ate 10/28/20 | Lot Elev                            | Conc (masl)  | -  | Northing 50                            | 25544                              | ETON          | SWL<br>Pumping WL<br>Pump Rate                        | (mbgs)<br>(mbgs)<br>(LPM)                  | (masl)<br>(masl)                  |
| 0.6 BROWN CLAY / SAND / GRAVEL   | ate 10/28/20 | Lot Elev                            | Conc (masl)<br>n: 1.53314411640167   | UTM RC 4                                 | Northing 50 margin of error : 30 m - 4 | 25544<br>1 <b>00 m</b>             |               | SWL<br>Pumping WL<br>Pump Rate                        | (mbgs)<br>(mbgs)<br>(LPM)                  | (masl)<br>(masl)                  |
| 0.6 BROWN CLAY / SAND / GRAVEL   | ate 10/28/20 | Lot  Helev Y Well_Depth_r  Water Fo | Conc  (masl) n: 1.53314411640167  / Monitoring and Tound  (mbgs) nt 1599 CARLING AVE | UTM RC 4 e Monitoring and Test Ho (masl) | Northing 50 margin of error : 30 m - 4 | 25544<br>100 m<br>Depth (m)        |               | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.          | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)       | (masl)<br>(masl)<br>/<br>Hr / Min |
|  | ate 10/28/20 | Lot  Helev Y Well_Depth_r  Water Fo | Conc  (masl) n: 1.53314411640167  / Monitoring and Tound  (mbgs) nt 1599 CARLING AVE | UTM RC 4 e Monitoring and Test Ho (masl) | Northing 50 margin of error : 30 m - 4 | 25544<br>00 m<br>Depth (m)<br>0.0  |               | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.<br>Color | (mbgs) (mbgs) (LPM) (LPM/m) Soil Descript  | (masl)<br>(masl)<br>/<br>Hr / Min |
|  | ate 10/28/20 | Lot  Helev Y Well_Depth_r  Water Fo | Conc  (masl) n: 1.53314411640167  / Monitoring and Tound  (mbgs) nt 1599 CARLING AVE | UTM RC 4 e Monitoring and Test Ho (masl) | Northing 50 margin of error : 30 m - 4 | 25544<br>(00 m<br>Depth (m)<br>0.0 |               | SWL Pumping WL Pump Rate Spec. Cap. Color             | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Descript | (masl) (masl) / Hr / Min ions     |

| Well Record #  |                         |                 | Based on Mini                  | stry of Environment W | ater Well Information Databa | se December 31, 201 | 6, available online. |
|----------------|-------------------------|-----------------|--------------------------------|-----------------------|------------------------------|---------------------|----------------------|
| 7235388        | Lot Conc                |                 | NEPEAN TOWNSHIP / OTTAV        | VA-CARLETON           | Flowing?                     |                     |                      |
|                | _                       |                 |                                |                       | SWL                          | (mbgs)              | (masl)               |
| ate 11/25/2014 | Elev (masl)             | Easting 441385  | Northing 5025167               |                       | Pumping WL                   | (mbgs)              | (masl)               |
| DDMMYY         | Well_Depth_m:           | UTM RC 4        | margin of error : 30 m - 100 m |                       | Pump Rate                    | (LPM)               | /                    |
|                |                         |                 |                                |                       | •                            | (LPM/m)             | ,<br>Hr / Min        |
|                | 1                       |                 | Den                            | th (m) Elev (masl)    | Spec. Cap.                   | (LPM/III)           | III / IVIIII         |
|                | Water Found (mbgs)      | (masl)          |                                | 0.0                   | Color                        | Soil Descript       | ione                 |
|                | Street                  |                 |                                | 0.0                   | 00101                        | Ooli Descript       | iona                 |
|                | Town/City               |                 |                                |                       |                              |                     |                      |
|                | Townsony                |                 |                                |                       |                              |                     |                      |
|                |                         |                 |                                |                       |                              | 1                   | 1                    |
| 7000000        | 1 1 - 4 0               |                 | NEPEAN TOWNSHIP / OTTAV        | VA CARLETON           | Flowing?                     |                     |                      |
| 7239603        | Lot Conc                |                 | NEPEAN TOWNSHIP / OTTAV        | VA-CARLETON           |                              | ( )                 |                      |
| ite 3/12/2015  | Elev (masl)             | Easting 441572  | Northing 5025537               |                       | SWL                          | (mbgs)              | (masl)               |
|                | ` '                     | •               | •                              |                       | Pumping WL                   | (mbgs)              | (masl)               |
| DDMMYY         | Well_Depth_m:           | UTM RC 4        | margin of error : 30 m - 100 m |                       | Pump Rate                    | (LPM)               | /                    |
|                | /                       | Abandoned-Other |                                |                       | Spec. Cap.                   | (LPM/m)             | Hr / Min             |
|                | ,                       |                 | Dep                            | th (m) Elev (masl)    |                              | , ,                 |                      |
|                | Water Found (mbgs)      | (masl)          |                                | 0.0                   | Color                        | Soil Descript       | ions                 |
|                | Street 1599 CARLING AVE |                 |                                |                       |                              | ·                   |                      |
|                | Town/City Ottawa        |                 |                                |                       |                              |                     |                      |
|                | -                       |                 |                                |                       |                              | ,                   | ,                    |
|                |                         |                 |                                |                       |                              | 1                   | 1                    |
| 7239604        | Lot Conc                |                 | NEPEAN TOWNSHIP / OTTAV        | VA-CARLETON           | Flowing?                     |                     |                      |
|                |                         |                 |                                |                       | SWL                          | (mbgs)              | (masl)               |
| ate 3/18/2015  | Elev (masl)             | Easting 441575  | Northing 5025542               |                       | Pumping WL                   | (mbgs)              | (masl)               |
| DDMMYY         | Well_Depth_m:           | UTM RC 4        | margin of error : 30 m - 100 m |                       | . •                          |                     | (masi)<br>/          |
|                |                         |                 |                                |                       | Pump Rate                    | (LPM)               | ,                    |
|                | /                       | Abandoned-Other | Don                            | th (m) Elev (masl)    | Spec. Cap.                   | (LPM/m)             | Hr / Min             |
|                | Water Found (mbgs)      | (masl)          |                                | 0.0                   | Color                        | 0-11 D              |                      |
|                | Street 1599 CARLING AVE | , ,             | '                              | 0.0                   | Color                        | Soil Descript       | ions                 |
|                | Town/City Ottawa        | =               |                                |                       |                              |                     |                      |
|                | Townsony Ottawa         |                 |                                |                       |                              | /                   | /                    |
| 7000005        | 7                       |                 | NEDEAN TOWANDUED / OTTAK       | VA CARLETON           | Floridano                    | /                   |                      |
| 7239605        | Lot Conc                |                 | NEPEAN TOWNSHIP / OTTAV        | VA-CARLETON           | Flowing?                     | ( )                 |                      |
| ate 3/12/2015  | Elev (masl)             | Easting 441575  | Northing 5025542               |                       | SWL                          | (mbgs)              | (masl)               |
|                | , ,                     | -               | •                              |                       | Pumping WL                   | (mbgs)              | (masl)               |
| DDMMYY         | Well_Depth_m:           | UTM RC 4        | margin of error : 30 m - 100 m |                       | Pump Rate                    | (LPM)               | /                    |
|                | /                       | Abandoned-Other |                                |                       | Spec. Cap.                   | (LPM/m)             | Hr / Min             |
|                | ,                       |                 |                                | th (m) Elev (masl)    |                              |                     |                      |
|                | , ,                     | (masl)          |                                | 0.0                   | Color                        | Soil Descript       | ions                 |
|                | Street 1599 CARLING AVE |                 |                                |                       |                              |                     |                      |
|                | Town/City Ottawa        |                 |                                |                       |                              |                     |                      |
|                |                         |                 |                                |                       |                              | 1                   | 1                    |
| 7000000        |                         |                 | NEDEAN TOWNS / COTTO           | VA CARLETON           | =:                           | <u> </u>            |                      |
| 7239606        | Lot Conc                |                 | NEPEAN TOWNSHIP / OTTAV        | VA-CARLE FON          | Flowing?                     | (h)                 | (I)                  |
| ate 3/13/2015  | Elev (masl)             | Easting 441577  | Northing 5025543               |                       | 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                    |
|                | /                       | Abandoned Other |                                |                       | Spec. Cap.                   | (LPM/m)             | Hr / Min             |
|                | ,                       | Abandoned-Other | Dep                            | th (m) Elev (masl)    |                              | , ,                 |                      |
|                | Water Found (mbgs)      | (masl)          |                                | 0.0                   | Color                        | Soil Descript       | ions                 |
|                | Street 1599 CARLING AVE |                 |                                |                       |                              | ·                   |                      |
|                | Town/City Ottawa        |                 |                                |                       |                              |                     |                      |
|                | •                       |                 |                                |                       |                              |                     |                      |
|                |                         |                 |                                |                       |                              | /                   | /                    |

| Well Record #  |  | Based on Ministry of             | f Environment Wa     | ter Well Information Databa | se December 31, 20 | 16, available online. |
|----------------|--|----------------------------------|----------------------|-----------------------------|--------------------|-----------------------|
| 7239607        | Lot Conc                                 | NEPEAN TOWNSHIP / OTTAWA-CA      | RIFTON               | Flowing?                    |                    |                       |
|                |  |                                  |                      | SWL                         | (mbgs)             | (masl)                |
| ate 3/12/2015  | ` , , — — — — — — — — — — — — — — — — —  | 576 <b>Northing</b> 5025543      |                      | Pumping WL                  | (mbgs)             | (masl)                |
| DDMMYY         | Well_Depth_m: UTM RC                     | 4 margin of error : 30 m - 100 m |                      | Pump Rate                   | (LPM)              | /                     |
|                |  |                                  |                      | •                           | , ,                | ,<br>Hr / Min         |
|                | / Abandoned-Othe                         | Depth (m)                        | Elev (masl)          | Spec. Cap.                  | (LPM/m)            | mr / Iviin            |
|                | Water Found (mbgs) (mas                  | 0.0                              | Liov (maoi)          | Color                       | Soil Descrip       | tions                 |
|                | Street 1599 CARLING AVE Town/City Ottawa | 0.0                              |                      | Color                       | Son Descrip        | lions                 |
|                |  |                                  |                      |                             | 1                  | 1                     |
| 7239608        | Lot Conc                                 | NEPEAN TOWNSHIP / OTTAWA-CA      | RLETON               | Flowing?                    |                    |                       |
| 7200000        | 201                                      |                                  |                      | SWL                         | (mbgs)             | (masl)                |
| Date 3/13/2015 | Elev (masl) Easting 44                   | 512 <b>Northing</b> 5025564      |                      | Pumping WL                  |                    | , ,                   |
| DDMMYY         | Well_Depth_m: UTM RC                     | 4 margin of error : 30 m - 100 m |                      |                             | (mbgs)             | (masl)                |
|                |  | . margin or error : oo m 100 m   |                      | Pump Rate                   | (LPM)              | 1                     |
|                | / Abandoned-Othe                         |                                  | <b>F</b> loor (mage) | Spec. Cap.                  | (LPM/m)            | Hr / Min              |
|                | Water Found (mbgs) (mas                  | Deptii (iii)                     | Elev (masi)          |                             | _                  |                       |
|                | Street 1599 CARLING AVE                  | 0.0                              |                      | Color                       | Soil Descrip       | tions                 |
|                | Town/City OTTAWA                         |                                  |                      |                             |                    |                       |
| <b></b>        |  | NEDEAN TOWNSHIP / OTT SWA CA     | DI ETON              | Flavidas C                  | 1                  | 1                     |
| 7239609        | Lot Conc                                 | NEPEAN TOWNSHIP / OTTAWA-CA      | KLEION               | Flowing?                    | ,                  | ,                     |
| 2/42/2015      |  | E47 Northing 5005556             |                      | SWL                         | (mbgs)             | (masl)                |
| Date 3/13/2015 | ` ,                                      | 547 <b>Northing</b> 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              |
|                | / Abandoned-Othe                         | Depth (m)                        | Elev (masl)          | орес. Оар.                  | (= 100/11)         | 111 / 141111          |
|                | Water Found (mbgs) (mas                  | 0.0                              | ` '                  | Color                       | Soil Descrip       | tions                 |
|                | Street 1599 CARLING AVE Town/City Ottawa |                                  |                      |                             | ·                  |                       |
| 7000040        | 7 124 0272                               | NEDEAN TOWNSHID / OTTAWA CA      | DI ETON              | Flowing?                    | /                  |                       |
| 7239610        | Lot Conc                                 | NEPEAN TOWNSHIP / OTTAWA-CA      | RLETON               | -                           | ( h)               | (I)                   |
| Date 3/12/2015 | Elev (masl) Easting 44                   | 517 <b>Northing</b> 5025551      |                      | 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                     |
|                | / Abandoned-Othe                         |                                  |                      | Spec. Cap.                  | (LPM/m)            | Hr / Min              |
|                | , , , , , , , , , , , , , , , , , , ,    | Deptin (m)                       | Elev (masl)          |                             | . ,                |                       |
|                | Water Found (mbgs) (mas                  | 0.0                              |                      | Color                       | Soil Descrip       | tions                 |
|                | Street 1599 CARLING AVE Town/City Ottawa |                                  |                      |                             |                    |                       |
|                |  |                                  |                      |                             | 1                  | 1                     |
| 7239611        | Lot Conc                                 | NEPEAN TOWNSHIP / OTTAWA-CA      | RLETON               | Flowing?                    |                    |                       |
|                |  |                                  |                      | SWL                         | (mbgs)             | (masl)                |
| Date 3/13/2015 | · · · · · · · · · · · · · · · · · · ·    | 575 <b>Northing</b> 5025529      |                      | 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)            | ,<br>Hr / Min         |
|                | / Abandoned-Othe                         | Depth (m)                        | Elev (masl)          | эрес. Сар.                  | (LFIVI/III)        | □I / IVIII I          |
|                | Water Found (mbgs) (mas                  | 0.0                              | ()                   | Color                       | Soil Descrip       | tions                 |
|                | Street 1599 CARLING AVE                  | 0.0                              |                      | 30.0.                       | Jon Deachp         |                       |
|                | Town/City                                |                                  |                      |                             |                    |                       |
|                | : Own/Oity                               |                                  |                      |                             |                    |                       |
|                |  |                                  |                      |                             | 1                  | 1                     |
|                |  |                                  |                      |                             | •                  | •                     |

| Well F | Record #            |   |                            | Based on I   | Ministry of Er      | vironment Wa | ter Well Information Databa    | se December 31, 20        | 6, available online.  |
|--------|---------------------|---|----------------------------|--|---------------------|--------------|--------------------------------|---------------------------|-----------------------|
| 72     | 239628              | Lot Conc  |                            | NEPEAN TOWNSHIP / OT                               | TAWA-CARLI          | ETON         | Flowing?                       |                           |                       |
| Date   | 3/12/2015<br>DDMMYY | Elev (masl) Well_Depth_m:                                   | Easting 441572<br>UTM RC 4 | Northing 5025537<br>margin of error : 30 m - 100 m |                     |              | SWL<br>Pumping WL<br>Pump Rate | (mbgs)<br>(mbgs)<br>(LPM) | (masl)<br>(masl)<br>/ |
|        |                     | 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 Descript             | ions                  |
| 72     | 239653              | Lot Conc  |                            | NEPEAN TOWNSHIP / OT                               | TAWA-CARLI          | -TON         | Flowing?                       | ,                         | ,                     |
| 12     |                     | Lot Conc  |                            | 1121 2711 10111101111 1 01                         | .,,.                | 21011        | SWL                            | (mbgs)                    | (masl)                |
| Date   | 3/12/2015           | Elev (masl)   | Easting 441522             | Northing 5025544                                   |                     |              | 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              |
|        |                     | /   | Abandoned-Other            |  | Depth (m)           | Elev (masl)  | opec. oap.                     | (Li ivi/iii)              | 1 II / IVIII I        |
|        |                     | Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa | (masl)                     |  | 0.0                 | ` ,          | Color                          | Soil Descript             | ions                  |
|        |                     |   |                            |  |                     |              |                                | 1                         | 1                     |
| 72     | 239654              | Lot Conc  |                            | NEPEAN TOWNSHIP / OT                               | TAWA-CARLI          | ETON         | Flowing?                       |                           |                       |
|        | 0/40/0045           |   | <b>=</b>                   | N 41 5005500                                       |                     |              | SWL                            | (mbgs)                    | (masl)                |
| Date   | 3/12/2015           | Elev (masl)   | Easting 441522             | Northing 5025533                                   |                     |              | Pumping WL                     | (mbgs)                    | (masl)                |
|        | DDMMYY              | Well_Depth_m:   | UTM RC 4                   | margin of error : 30 m - 100 m                     |                     |              | Pump Rate                      | (LPM)                     | 1                     |
|        |                     | 1   | Ab d d Otto                |  |                     |              | Spec. Cap.                     | (LPM/m)                   | Hr / Min              |
|        |                     | ,   | Abandoned-Other            |  | Depth (m)           | Elev (masl)  | 5,555                          | (=:,                      |                       |
|        |                     | Water Found (mbgs) Street 1599 CARLING AVE                  | (masl)                     |  | 0.0                 |              | Color                          | Soil Descript             | ions                  |
|        |                     | Town/City   |                            |  |                     |              |                                | 1                         | /                     |
| 72     | 239655              | Lot Conc  |                            | NEPEAN TOWNSHIP / OT                               | TAWA-CARLI          | TON.         | Flowing?                       | ,                         | ,                     |
| 12     | 209000              | Lot Conc  |                            | TALLET ET TOWNSHIE TO ST                           | 17 (VV7 (-O) (1 (L) | -1014        | SWL                            | (mbgs)                    | (masl)                |
| Date   | 3/13/2015           | Elev (masl)   | Easting 441581             | Northing 5025531                                   |                     |              | Pumping WL                     | (mbgs)                    | (masl)                |
|        | DDMMYY              | Well_Depth_m:   | UTM RC 4                   | margin of error : 30 m - 100 m                     |                     |              |                                | , •,                      | (IIIdSI)<br>/         |
|        |                     |   |                            | •  |                     |              | Pump Rate                      | (LPM)                     | •                     |
|        |                     | 1   | Abandoned-Other            |  | Depth (m)           | Elev (masl)  | Spec. Cap.                     | (LPM/m)                   | Hr / Min              |
|        |                     | Water Found (mbgs)  | (masl)                     |  | 0.0                 | Liev (masi)  | Color                          | Soil Descript             | ione                  |
|        |                     | Street 1599 CARLING AVE Town/City Ottawa                    |                            |  | 0.0                 |              | Color                          | /                         | /                     |
| 72     | 239656              | Lot Conc  |                            | NEPEAN TOWNSHIP / OT                               | TAWA-CARLI          | ETON         | Flowing?                       | ,                         | ,                     |
|        |                     |   |                            |  |                     | -            | SWL                            | (mbgs)                    | (masl)                |
| Date   | 3/12/2015           | Elev (masl)   | Easting 441524             | <b>Northing</b> 5025533                            |                     |              | 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)                   | ,<br>Hr / Min         |
|        |                     | 1   | Abandoned-Other            |  | Depth (m)           | Elev (masl)  | орес. Сар.                     | (LF 1VI/111)              | I II / IVIII I        |
|        |                     | Water Found (mbgs) Street 1599 CARLING AVE Town/City Ottawa | (masl)                     |  | 0.0                 | . ,          | Color                          | Soil Descript             | ions                  |
|        |                     |   |                            |  |                     |              |                                | 1                         | 1                     |

| Vell Record | d #  |                      |                            |                 | Based on                       | Ministry of E | nvironment Wa | ter Well Information Databa | se December 31, 201 | 6, available online. |
|-------------|------|----------------------|----------------------------|-----------------|--------------------------------|---------------|---------------|-----------------------------|---------------------|----------------------|
| 7239657     | 7    | Lot C                | Conc                       |                 | NEPEAN TOWNSHIP / O            | TTAWA-CARI    | FTON          | Flowing?                    |                     |                      |
|             |      |                      |                            |                 |                                |               |               | SWL                         | (mbgs)              | (masl)               |
| ate 3/12/2  | 2015 | Elev                 | (masl)                     | Easting 441532  | Northing 5025533               |               |               | Pumping WL                  | (mbgs)              | (masl)               |
| DDMI        | IMYY | 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 |                                | Depth (m)     | Elev (masl)   | орес. оар.                  | (Li Wiiii)          | 111 / 141111         |
|             |      | Water Found          | (mbgs)                     | (masl)          |                                | 0.0           |               | Color                       | Soil Descript       | ions                 |
|             |      | Street 1             | 1599 CARLING AVE           |                 |                                |               |               |                             |                     |                      |
|             |      | Town/City (          | Ottawa                     |                 |                                |               |               |                             |                     |                      |
|             |      | •                    |                            |                 |                                |               |               |                             |                     |                      |
|             |      |                      |                            |                 |                                |               |               |                             | 1                   | 1                    |
| 7239658     | 8    | Lot C                | onc                        |                 | NEPEAN TOWNSHIP / OT           | TAWA-CARL     | ETON          | Flowing?                    |                     |                      |
|             |      |                      |                            |                 |                                |               |               | SWL                         | (mbgs)              | (masl)               |
| ite 3/12/2  | 2015 | Elev                 | (masl)                     | Easting 441536  | Northing 5025527               |               |               | Pumping WL                  | (mbgs)              | (masl)               |
| DDMI        | IMYY | Well_Depth_m:        |                            | UTM RC 4        | margin of error : 30 m - 100 m |               |               | Pump Rate                   | (LPM)               | , ,                  |
|             |      |                      |                            |                 |                                |               |               | Spec. Cap.                  | (LPM/m)             | Hr / Min             |
|             |      |                      | 1                          |                 |                                | Depth (m)     | Elev (masl)   | орес. оар.                  | (LI W//III)         | III / IVIIII         |
|             |      | Water Found          | (mbgs)                     | (masl)          |                                | 0.0           | . ,           | Color                       | Soil Descript       | ions                 |
|             |      | Street 1             | 1599 CARLING AVE           |                 |                                |               |               |                             | 3                   |                      |
|             |      | Town/City (          | Ottawa                     |                 |                                |               |               |                             |                     |                      |
|             |      | •                    |                            |                 |                                |               |               |                             | ,                   |                      |
|             |      |                      |                            |                 |                                |               |               |                             | 1                   | 1                    |
| 7239794     | 4    | Lot C                | onc                        |                 | NEPEAN TOWNSHIP / O            | TTAWA-CARL    | ETON          | Flowing?                    |                     |                      |
|             | 0045 |                      | , n                        | <b>.</b>        | N 41 5005500                   |               |               | SWL                         | (mbgs)              | (masl)               |
| ate 3/12/2  |      | Elev                 | (masl)                     | Easting 441533  | Northing 5025530               |               |               | Pumping WL                  | (mbgs)              | (masl)               |
| DDMI        | IMYY | 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          | ,                          |                 |                                | Depth (m)     | Elev (masl)   |                             |                     |                      |
|             |      |                      | (mbgs)                     | (masl)          |                                | 0.0           |               | Color                       | Soil Descript       | ions                 |
|             |      | Street 1 Town/City ( | 1599 CARLINS AVE<br>Ottawa |                 |                                |               |               |                             |                     |                      |
|             |      | -                    |                            |                 |                                |               |               |                             | 1                   | 1                    |
| 7239795     | 5    | Lot C                | Conc                       |                 | OTTAWA CITY / OT               | TAWA-CARL     | ETON          | Flowing?                    |                     |                      |
|             |      |                      | <del>-</del>               |                 |                                |               | -             | SWL                         | (mbgs)              | (masl)               |
| ate 3/12/2  | 2015 | Elev                 | (masl)                     | Easting 441573  | Northing 5025534               |               |               | Pumping WL                  | (mbgs)              | (masl)               |
| DDMI        | IMYY | Well_Depth_m:        |                            | UTM RC 4        | margin of error : 30 m - 100 m |               |               | Pump Rate                   | (LPM)               | (maor)               |
|             |      |                      |                            |                 |                                |               |               | •                           | (LPM/m)             | ,<br>Hr / Min        |
|             |      |                      | 1                          | Abandoned-Other |                                | Depth (m)     | Elev (masl)   | Spec. Cap.                  | (LF W/111)          | I II / IVIII I       |
|             |      | Water Found          | (mbgs)                     | (masl)          |                                | 0.0           | . ,           | Color                       | Soil Descript       | ions                 |
|             |      | Street 1             | 1599 CARLING AVE           |                 |                                |               |               | 55.5.                       |                     |                      |
|             |      | Town/City (          | Ottawa                     |                 |                                |               |               |                             |                     |                      |
|             |      |                      |                            |                 |                                |               |               |                             | 1                   | 1                    |
| 7239796     | 6    | lot o                | `ono                       |                 | NEPEAN TOWNSHIP / O            | TTANNA CARI   | ETON          | Flowing?                    | ·                   | ·                    |
| 1239196     | O    | Lot C                | Conc                       |                 | NEFEAN TOWNSHIP / U            | I I AVVA-CARL | ETON          | Flowing?<br>SWL             | (mbas)              | (mael)               |
| ite 3/12/2  | 2015 | Elev                 | (masl)                     | Easting 441571  | Northing 5025543               |               |               |                             | (mbgs)              | (masl)               |
| DDMI        |      | Well_Depth_m:        | (/                         | UTM RC 4        | margin of error : 30 m - 100 m |               |               | Pumping WL                  | (mbgs)              | (masl)               |
| וואוטט      |      | weil_Deptil_III.     |                            | OTWING 4        | margin of entor . 30 m - 100 m |               |               | Pump Rate                   | (LPM)               | 1                    |
|             |      |                      | 1                          | Abandoned-Other |                                | D 41- ()      | Flor: (1)     | Spec. Cap.                  | (LPM/m)             | Hr / Min             |
|             |      | Water Found          | •                          | (masl)          |                                | Depth (m)     | Elev (masl)   |                             |                     |                      |
|             |      |                      | ,                          | (maor)          |                                | 0.0           |               | Color                       | Soil Descript       | ions                 |
|             |      |                      | 1599 CARLING AVE           |                 |                                |               |               |                             |                     |                      |
|             |      | Town/City (          | Jttawa                     |                 |                                |               |               |                             |                     |                      |
|             |      |                      |                            |                 |                                |               |               |                             | 1                   | 1                    |
|             |      |                      |                            |                 |                                |               |               |                             | •                   | •                    |

| DDMMYY   Well_Depth_m:   UTM RC   4   margin of error: 30 m - 100 m   Depth (m)   Elev (mast)   Spec. Cap.   (LPM)   H / Min   | /ell Record #         |  |                          | Based on Ministry of                               | Environment Wa | ater Well Information Da                     | tabase Dec | ember 31, 2016, a          | available online.        |
|--|-----------------------|--|--------------------------|--|----------------|--|------------|----------------------------|--------------------------|
| Pumping M.   Pum | 7239797               | Lot Conc   |                          | NEPEAN TOWNSHIP / OTTAWA-CAF                       | RLETON         | Flowing?                                     |            |                            |                          |
| Water Found   Crisp   Street   1900 CARLING AVE   Street |                       | Well_Depth_m:  | UTM RC 4                 | margin of error : 30 m - 100 m                     | Elev (masi)    | Pumping WL<br>Pump Rate                      |            | (mbgs)<br>(LPM)            | (masl)                   |
|  |                       | Street 1599 CARLING AVE  | (masl)                   |  | , ,            | Color  | 1          | Soil Descriptions          | ,                        |
| No   | 7239798               | Lot Conc   |                          | NEPEAN TOWNSHIP / OTTAWA-CAF                       | RLETON         | Flowing?                                     | ,          |                            | ,                        |
| T240874  | ate 3/12/2015         | Elev         (masl)           Well_Depth_m:         /           Water Found         (mbgs)           Street         1599 CARLING AVE | UTM RC 4 Abandoned-Other | margin of error : 30 m - 100 m                     | Elev (masl)    | Pumping WL<br>Pump Rate<br>Spec. Cap.        |            | (mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>/<br>Hr / Min  |
| SWL   Cmbs   Cms   SWL   Cmbs   Cms   Cm |                       |  |                          | NEDEAN TOWNSHIP / OTTANA 045                       |                |  | 1          |                            | 1                        |
| T243546  | Date 3/12/2015        | Elev (masl) Well_Depth_m: / Water Found (mbgs) Street  | UTM RC 4                 | Northing 5025144<br>margin of error : 30 m - 100 m |                | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. |            | (mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>/<br>Hr / Min  |
| September   Sept | 7243546               | Lot Conc   |                          | NEPEAN TOWNSHIP / OTTAWA-CAR                       | RIFTON         | Flowing?                                     |            |                            | 1                        |
| Town/City   OTAWA  | Date 5/20/2015        | Elev (masl) Well_Depth_m: 5.48999977111816  Monitoring / Test Hole Water Found (mbgs)  | UTM RC 4 Test Hole       | Northing 5025555<br>margin of error : 30 m - 100 m |                | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. |            | (mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>/<br>Hr / Min  |
| T243547  |                       |  |                          |  |                |  |            |                            | /<br>/ SOFT              |
| SWL   Company   Company  | 7040547               | Lat. Oana  |                          |  | NETON          |  | SHALE /    | LIMESTONE                  | / LAYERED                |
| Water Found         (mbgs)         (masl)         0.0         Color         Soil Descriptions           Street         1599 CARLING AVE.         Town/City         OTTAWA         0.3         GREY         GRAVEL / LOOSE / GRAVEL / SOFT           1.8         BROWN         SAND / GRAVEL / SOFT   | <b>Date</b> 5/28/2015 | Elev (masl) Well_Depth_m: 5.48999977111816   | UTM RC 4                 | Northing 5025534<br>margin of error : 30 m - 100 m |                | SWL<br>Pumping WL<br>Pump Rate               |            | (mbgs)<br>(LPM)            | (masl)                   |
| 1.8 BROWN SAND / GRAVEL / SOFT   |                       | Water Found (mbgs)<br>Street 1599 CARLING AVE.   | (masl)                   |  | Elev (masi)    | Color  |            | Soil Descriptions          | 3                        |
| 5.5 GREY SHALE / LIMESTONE / LAYERED   |                       |  |                          |  |                |  |            |                            | /<br>/ SOFT<br>/ LAYERED |

| Vell Reco | rd#            |  |  | Based on   | Ministry of E           | nvironment Wa | ter Well Information Da                               | tabase Dec                     | ember 31, 2016,                      | available on                           |
|-----------|----------------|--|--|--|-------------------------|---------------|---|--------------------------------|--------------------------------------|--|
| 724354    | 48             | Lot Conc   |  | NEPEAN TOWNSHIP / OT                               | TAWA-CARI               | LETON         | Flowing?  |                                |                                      |  |
|           | 8/2015<br>MMYY | Elev         (masl)           Well_Depth_m:         3.66000008583069           Monitoring         / Test Hole           Water Found         (mbgs)           Street         1599 CARLING AVI | Easting 441535<br>UTM RC 4  Test Hole (masl) | Northing 5025547<br>margin of error : 30 m - 100 m | <b>Depth (m)</b> 0.0    | Elev (masl)   | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.<br>Color |                                | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min<br>s |
|           |                | Town/City OTTAWA   |  |  | 0.3<br>1.8<br>3.7       |               | GREY<br>BROWN<br>GREY                                 | GRAVEL /<br>SAND /<br>GRAVEL / | LOOSE<br>GRAVEL                      | /<br>/ SOFT                            |
| 724354    | 40             | Lot Conc   |  | NEPEAN TOWNSHIP / OT                               |                         | ETON          | Flowing?  | GRAVEL /                       | LOOSE                                |  |
| ate 5/2   | 7/2015<br>MMYY | Elev (masl) Well_Depth_m: 14.0200004577637   | Easting 441559<br>UTM RC 4                   | Northing 5025565<br>margin of error : 30 m - 100 m |                         |               | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.          |                                | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min      |
|           |                | Monitoring / Test Hole  Water Found (mbgs)  Street 1599 CARLING AVI Town/City OTTAWA   | (masl)                                       |  | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Color   |                                | Soil Description                     | s                                      |
|           |                |  |  |  | 0.3                     |               | GREY  | GRAVEL /                       | LOOSE                                | 1                                      |
|           |                |  |  |  | 2.7                     |               | BROWN   | SAND /                         | GRAVEL                               | / SOFT                                 |
| 72435     | 50             | Lot Conc   |  | NEPEAN TOWNSHIP / OT                               | 14.0<br>TAWA-CARI       | LETON         | GREY Flowing?   | SHALE /                        | LIMESTONE                            | / LAYEI                                |
|           | 7/2015<br>MMYY | Elev (masl) Well_Depth_m: 14.0200004577637   | Easting 441573<br>UTM RC 4                   | Northing 5025558<br>margin of error : 30 m - 100 m |                         |               | SWL<br>Pumping WL<br>Pump Rate                        |                                | (mbgs)<br>(mbgs)<br>(LPM)            | (masl<br>(masl                         |
|           |                | Test Hole / Monitoring  Water Found (mbgs)  Street 1599 CARLING AVI  Town/City OTTAWA  | Test Hole (masl)                             |  | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Spec. Cap.  |                                | (LPM/m) Soil Description             | Hr / Min<br>s                          |
|           |                |  |  |  | 0.3<br>3.1              |               | GREY<br>BROWN   | GRAVEL /<br>SAND /             | LOOSE<br>GRAVEL                      | /<br>/ SOFT                            |
|           |                |  |  |  | 14.0                    |               | GREY  | SHALE /                        | LIMESTONE                            | / LAYER                                |

| DDIMOV | W-U D 14 0200004577627         | UTM DO 4  |                                |           |             | Pumping v | /L       | (mbgs)            | (IIIaSI)  |
|--------|--------------------------------|-----------|--------------------------------|-----------|-------------|-----------|----------|-------------------|-----------|
| DDMMYY | Well_Depth_m: 14.0200004577637 | UTM RC 4  | margin of error : 30 m - 100 m |           |             | Pump Ra   | te (     | LPM)              | /         |
|        | Monitoring / Test Hole         | Test Hole |                                | Depth (m) | Elev (masl) | Spec. Ca  | p. (     | LPM/m)            | Hr / Min  |
|        | Water Found (mbgs)             | (masl)    |                                | 0.0       | ` ,         | Color     |          | Soil Descriptions |           |
|        | Street 1599 CARLING AVE.       |           |                                |           |             |           |          |                   |           |
|        | Town/City OTTAWA               |           |                                |           |             |           |          |                   |           |
|        |                                |           |                                | 0.3       |             | GREY      | GRAVEL / | LOOSE             | 1         |
|        |                                |           |                                | 3.1       |             | BROWN     | SAND /   | GRAVEL            | / SOFT    |
|        |                                |           |                                | 14.0      |             | GREY      | SHALE /  | LIMESTONE         | / LAYERED |
|        |                                |           |                                |           |             |           |          |                   |           |

NEPEAN TOWNSHIP / OTTAWA-CARLETON

5025550

Northing

7243551

5/27/2015

Date

Lot

Elev

Conc

(masl)

Easting 441576

(masl)

(masl)

Flowing?

Pumping WL

SWL

(mbgs)

(mbgs)

| Vell R | ecord #                    |   |  | Based on   | Ministry of E           | Environment Wa | ter Well Information Da                               | tabase Dec                    | ember 31, 2016,                      | available on                      |
|--------|----------------------------|---|--|--|-------------------------|----------------|---|-------------------------------|--------------------------------------|-----------------------------------|
| 724    | 43553                      | Lot Conc  |  | NEPEAN TOWNSHIP / OT                               | TAWA-CARI               | LETON          | Flowing?  |                               |                                      |                                   |
| Date   | 5/25/2015<br>DDMMYY        | Elev         (masl)           Well_Depth_m:         14.0200004577637           Monitoring         / Test Hole           Water Found         (mbgs)           Street         1599 CARLING AVE. | Easting 441531<br>UTM RC 4<br>Test Hole (masl) | Northing 5025547<br>margin of error : 30 m - 100 m | <b>Depth (m)</b><br>0.0 | Elev (masi)    | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.<br>Color |                               | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min |
|        |                            | Town/City OTTAWA  |  |  | 0.3<br>2.1<br>14.0      |                | GREY<br>BROWN<br>GREY                                 | GRAVEL /<br>SAND /<br>SHALE / | LOOSE<br>GRAVEL<br>LIMESTONE         | /<br>/ SOFT<br>/ LAYER            |
| 72/    | 13554                      | Lot Conc  |  | NEPEAN TOWNSHIP / OT                               |                         | I ETON         | Flowing?  | SHALE /                       | LINESTONE                            | / LATER                           |
| ate    | 5/25/2015<br><b>DDMMYY</b> | Elev (masl) Well_Depth_m: 14.0200004577637  Monitoring / Test Hole  | Easting 441546<br>UTM RC 4                     | Northing 5025557<br>margin of error : 30 m - 100 m |                         | <b>-</b>       | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.          |                               | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min |
|        |                            | Water Found (mbgs)  Street 1599 CARLING AVE.  Town/City OTTAWA  | (masl)   |  | <b>Depth (m)</b><br>0.0 | Elev (masl)    | Color   |                               | Soil Description                     | s                                 |
|        |                            |   |  |  | 0.3                     |                | GREY  | GRAVEL /                      | LOOSE                                | 1                                 |
|        |                            |   |  |  | 2.1                     |                | BROWN   | SAND /                        | GRAVEL                               | / SOFT                            |
| 72/    | 13555                      | Lot Conc  |  | NEPEAN TOWNSHIP / OT                               | 14.0                    | LETON          | GREY Flowing?   | SHALE /                       | LIMESTONE                            | / LAYEF                           |
| ate    | 5/26/2015<br><b>DDMMYY</b> | Elev (masl) Well_Depth_m: 14.0200004577637  | Easting 441534<br>UTM RC 4                     | Northing 5025525<br>margin of error : 30 m - 100 m | 170071-0700             |                | SWL<br>Pumping WL<br>Pump Rate                        |                               | (mbgs)<br>(mbgs)<br>(LPM)            | (masl)<br>(masl)<br>/<br>Hr / Min |
|        |                            | Monitoring / Test Hole  Water Found (mbgs)  Street 1599 CARLING AVE.  Town/City OTTAWA  | Test Hole (masl)                               |  | <b>Depth (m)</b><br>0.0 | Elev (masl)    | Spec. Cap.  |                               | (LPM/m)  Soil Description            |                                   |
|        |                            |   |  |  | 0.3                     |                | GREY  | GRAVEL /                      | LOOSE                                | / 0057                            |
|        |                            |   |  |  | 2.1<br>14.0             |                | BROWN<br>GREY   | SAND /<br>SHALE /             | GRAVEL<br>LIMESTONE                  | / SOFT<br>/ LAYER                 |

| DDMMYY | Well_Depth_m: 14.0200004577637  Monitoring / Test Hole      | UTM RC 4 Test Hole | margin of error : 30 m - 100 m | Depth (m)          | Elev (masi) |                       | p Rate                        | LPM)<br>LPM/m)               | /<br>Hr / Min            |
|--------|---|--------------------|--------------------------------|--------------------|-------------|-----------------------|-------------------------------|------------------------------|--------------------------|
|        | Water Found (mbgs) Street 1599 CARLING AVE Town/City OTTAWA | (masl)             |                                | 0.0                |             | Color                 |                               | Soil Descriptions            |                          |
|        |   |                    |                                | 0.3<br>2.7<br>14.0 |             | GREY<br>BROWN<br>GREY | GRAVEL /<br>SAND /<br>SHALE / | LOOSE<br>GRAVEL<br>LIMESTONE | /<br>/ SOFT<br>/ LAYERED |

NEPEAN TOWNSHIP / OTTAWA-CARLETON

5025553

Northing

margin of error : 30 m - 100 m

7243556

5/26/2015

DDMMYY

Date

Lot

Elev

Conc

Well\_Depth\_m: 14.0200004577637

(masl)

Easting

441548

UTM RC 4

(masl)

(masl)

Flowing?

Pumping WL

SWL

(mbgs)

(mbgs)

| Well Record #            |   |   | Based on   | Ministry of Environ | ment Water Well Information E                         | Database December 31, 2016, available online.                     |
|--------------------------|---|---|--|---------------------|---|---|
| 7243557                  | Lot Conc  |   | NEPEAN TOWNSHIP / OT                               | TAWA-CARLETON       | Flowing'<br>SWI                                       |   |
| Date 5/29/2015<br>DDMMYY | Elev (masl) Well_Depth_m: 14.0200004577637  | Easting 441551<br>UTM RC 4                              | Northing 5025539<br>margin of error : 30 m - 100 m |                     | Pumping WI<br>Pump Rate<br>Spec. Cap                  | _ (mbgs) (masl)   |
|                          | Monitoring / Test Hole  Water Found (mbgs)  Street 1599 CARLING AVE  Town/City OTTAWA | Test Hole (masl)  |  | Depth (m) Elev (    | (masl) Spec. Cap                                      | Soil Descriptions   |
|                          |   |   |  | 0.3<br>2.7<br>14.0  | GREY<br>BROWN<br>GREY                                 | GRAVEL / LOOSE / SAND / GRAVEL / SOFT SHALE / LIMESTONE / LAYERED |
| 7245027                  | Lot Conc  |   | NEPEAN TOWNSHIP / OT                               | TAWA-CARLETON       | Flowing <sup>2</sup>                                  |   |
| Date 6/8/2015<br>DDMMYY  | Elev (masl) Well_Depth_m:  Monitoring / Test Hole Water Found (mbgs)                  | Easting 441373<br>UTM RC 4<br>Abandoned-Other<br>(masl) | Northing 5025174<br>margin of error : 30 m - 100 m | Depth (m) Elev      | SWI<br>Pumping WI<br>Pump Rate<br>Spec. Cap<br>(masl) | _ (mbgs) (masl)   |
|                          | Street 861 CLYDE AVE Town/City Ottawa   |   |  |                     |   | 1   |
| 7245028                  | Lot Conc  |   | NEPEAN TOWNSHIP / OT                               | TAWA-CARLETON       | Flowing   |   |
| Oate 6/8/2015<br>DDMMYY  | Elev (masl) Well_Depth_m:   | Easting 441373<br>UTM RC 4                              | Northing 5025174 margin of error : 30 m - 100 m    |                     | SWI<br>Pumping WI<br>Pump Rate                        | _ (mbgs) (masl)   |
|                          | Monitoring / Test Hole  Water Found (mbgs)  Street 861 CLYDE AVE  Town/City Ottawa    | Abandoned-Other (masl)                                  |  | Depth (m) Elev      | Spec. Cap<br>(masl)<br>Color                          | Soil Descriptions   |
| 7245029                  | Lot Conc  |   | OTTAWA CITY / OT                                   | TAWA-CARLETON       | Flowing   | ?   |
| Date 6/8/2015<br>DDMMYY  | Elev (masl) Well_Depth_m:  Monitoring / Test Hole                                     | Easting 441391<br>UTM RC 4<br>Abandoned-Other           | Northing 5025158<br>margin of error : 30 m - 100 m | Depth (m) Elev      | SWI<br>Pumping WI<br>Pump Ratu<br>Spec. Cap<br>(masi) | _ (mbgs) (masl)   |
|                          | Water Found (mbgs) Street 861 CLYDE AVE Town/City Ottawa                              | (masl)  |  | 0.0                 | Color   | Soil Descriptions   |
| 7246035                  | Lot Conc  |   | NEPEAN TOWNSHIP / OT                               | TAWA-CARLETON       | Flowing'  |   |
| Oate 6/26/2015<br>DDMMYY | Elev (masl) Well_Depth_m:   | Easting 441393<br>UTM RC 4                              | Northing 5025168<br>margin of error : 30 m - 100 m |                     | SWI<br>Pumping WI<br>Pump Rate<br>Spec. Cap           | _ (mbgs) (masl)   |
|                          | Water Found (mbgs) Street 861 CLYDE AVE.  | Abandoned-Other (masl)                                  |  | Depth (m) Elev      | (masl)  Color   | Soil Descriptions   |

Town/City OTTAWA

|      | Record #            |   |   |   |                    |  |                  |   |  |
|------|---------------------|---|---|---|--------------------|--|------------------|---|--|
| 72   | 246036              | Lot Conc  |   | OTTAWA CITY / OTTAWA-CARL   | ETON               | Flowing?   |                  |   |  |
| ate  | 6/26/2015<br>DDMMYY | Elev (masl) Well_Depth_m:   | Easting 441396<br>UTM RC 4<br>Abandoned-Other           | Northing 5025153<br>margin of error : 30 m - 100 m  |                    | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.             |                  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)                      | (masl)<br>(masl)<br>/<br>Hr / Min                  |
|      |                     | Water Found (mbgs) Street 861 CLYDE AVE. Town/City OTTAWA   | (masl)  | <b>Depth (m)</b><br>0.0   | Elev (masi)        | Color  | 1                | Soil Descriptions   |  |
| 72   | 246037              | Lot Conc  |   | OTTAWA CITY / OTTAWA-CARL   | ETON               | Flowing?   |                  |   | 1  |
| Date | 6/26/2015<br>DDMMYY | Elev (masl) Well_Depth_m:  / Water Found (mbgs) Street 861 CLYDE AVE Town/City OTTAWA                                       | Easting 441387<br>UTM RC 4<br>Abandoned-Other<br>(masl) | Northing 5025148<br>margin of error : 30 m - 100 m  Depth (m)  0.0                          | Elev (masi)        | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.<br>Color    | /                | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptions | (masl)<br>(masl)<br>/<br>Hr / Min                  |
| 72   | 249315              | Lot Conc  |   | OTTAWA CITY / OTTAWA-CARL   | ETON               | Flowing?   |                  |   | ,  |
| Date | 3/13/2015<br>DDMMYY | Elev (masl)  Well_Depth_m:  /  Water Found (mbgs)  Street 1599 CARLING AVE Town/City Ottawa                                 | Easting 441521<br>UTM RC 4<br>Abandoned-Other<br>(masl) | Northing 5025530<br>margin of error : 30 m - 100 m  Depth (m)  0.0                          | Elev (masl)        | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.<br>Color    |                  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)<br>Soil Descriptions | (masl)<br>(masl)<br>/<br>Hr / Min                  |
|      | 250000              |   |   | OTTANNA CITY / OTTANNA CARI   | FTON               | Floridas   | 1                |   | 1  |
| Date | 10/7/2015<br>DDMMYY | Lot   | Easting 441436<br>UTM RC 4<br>Test Hole (masl)          | OTTAWA CITY / OTTAWA-CARL  Northing 5025109  margin of error : 30 m - 100 m  Depth (m)  0.0 | E I ON Elev (masl) | Flowing?<br>SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. |                  | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m)                      | (masl)<br>(masl)<br>/<br>Hr / Min                  |
|      |                     | . •   |   | 0.3<br>1.2<br>3.7<br>5.6  |                    | GREY<br>GREY<br>GREY<br>GREY LIME                        | SILT /<br>SILT / | GRAVEL<br>CLAY<br>CLAY                                    | / HARD<br>/ MEDIUM SAND<br>/ MEDIUM SAND<br>/ HARD |
| 72   | 256627              | Lot Conc  |   | NEPEAN TOWNSHIP / OTTAWA-CARL   | ETON               | Flowing?   |                  | (mh.so)   | (maal)   |
| Date | 10/7/2015<br>DDMMYY | Elev         (masl)           Well_Depth_m:         2.43840003013611           Test Hole / Other         Water Found (mbgs) | Easting 441437<br>UTM RC 4<br>Other Status<br>(masl)    | Northing 5025118<br>margin of error : 30 m - 100 m  Depth (m) 0.0                           | Elev (masi)        | SWL Pumping WL Pump Rate Spec. Cap. Color                |                  | (mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions             | (masl)<br>(masl)<br>/<br>Hr / Min                  |
|      |                     | Street 861 CLYDE AV Town/City Ottawa  |   | 0.0   |                    | 30101  |                  | Jon Descriptions  |  |
|      |                     |   |   | 0.3   |                    | GREY   | 1                | GRAVEL  | / HARD   |

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

Record Count 197

|                         |  |                        |  |                         |                |  | 1                                    | I  |
|-------------------------|--|------------------------|--|-------------------------|----------------|--|--------------------------------------|--|
| 7269071                 | Lot Conc   |                        | NEPEAN TOWNSHIP / OT                               | TAWA-CARLE              | TON            | Flowing?                                     |                                      |  |
| Date 7/4/2016<br>DDMMYY | Elev (masl) East<br>Well_Depth_m:  | UTM RC 4               | Northing 5025566<br>margin of error : 30 m - 100 m |                         |                | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min              |
|                         | Water Found (mbgs)   | (masl)                 |  | Depth (m)<br>0.0        | Elev (masl)    | Color  | Soil Descripti                       | one  |
|                         | Street 1575 CARLINS AVE. Town/City Ottawa                                  |                        |  | 0.0                     |                | 30101  | /                                    | /  |
| 7269072                 | Lot Conc   |                        | NEPEAN TOWNSHIP / OT                               | TAWA-CARLE              | TON            | Flowing?                                     | ,                                    |  |
| Date 7/4/2016<br>DDMMYY |  | ting 441556 UTM RC 4   | Northing 5025569<br>margin of error : 30 m - 100 m |                         |                | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap. | (mbgs)<br>(mbgs)<br>(LPM)<br>(LPM/m) | (masl)<br>(masl)<br>/<br>Hr / Min              |
|                         | Water Found (mbgs)   | (masl)                 |  | Depth (m)<br>0.0        | Elev (masl)    | Color  | Soil Descripti                       | one  |
|                         | Street 1575 CARLING AVE. Town/City Ottawa                                  |                        |  | 0.0                     |                | Color  | /                                    | /  |
| 7269073                 | Lot Conc   |                        | NEPEAN TOWNSHIP / OT                               | TAWA-CARLE              | TON            | Flowing?                                     |                                      |  |
| <b>Date</b> 7/4/2016    | Elev (masl) East   | ting 441524            | Northing 5025553                                   |                         |                | SWL<br>Dumming Wi                            | (mbgs)                               | (masl)   |
| DDMMYY                  | Well_Depth_m:  | UTM RC 4               | margin of error : 30 m - 100 m                     |                         |                | Pumping WL<br>Pump Rate                      | (mbgs)<br>(LPM)                      | (masl)<br>/                                    |
|                         | Monitoring / Test Hole Abane   | doned-Other            |  | Double (m)              | <b>5</b> 1 (1) | Spec. Cap.                                   | (LPM/m)                              | Hr / Min                                       |
|                         | Water Found (mbgs)   | (masl)                 |  | Depth (m)<br>0.0        | Elev (masl)    | Color  | Soil Descripti                       | ons  |
|                         | Street 1575 CARLING AVENUE   |                        |  |                         |                |  |                                      |  |
|                         | Town/City Ottawa   |                        |  |                         |                |  |                                      |  |
|                         |  |                        |  |                         |                |  |                                      | 1  |
| 7269074                 | Lot Conc   |                        | NEPEAN TOWNSHIP / OT                               | TAWA-CARLE              | TON            | Flowing?                                     |                                      | ( ) N  |
| <b>Date</b> 7/4/2016    | Elev (masl) East   | ting 441521            | Northing 5025572                                   |                         |                | SWL<br>Pumping WL                            | (mbgs)<br>(mbgs)                     | (masl)<br>(masl)                               |
| DDMMYY                  | Well_Depth_m:  | UTM RC 4               | margin of error : 30 m - 100 m                     |                         |                | Pump Rate                                    | (LPM)                                | /  |
|                         | Monitoring / Test Hole Abane   | idoned-Other           |  | Donath (ms)             | Flore (mosel)  | Spec. Cap.                                   | (LPM/m)                              | Hr / Min                                       |
|                         | Water Found (mbgs)  Street 1575 CARLING AVENUE  Town/City Ottawa           | (masl)                 |  | <b>Depth (m)</b><br>0.0 | Elev (masl)    | Color  | Soil Descripti                       | ons  |
|                         | Townsony Ottawa  |                        |  |                         |                |  | /                                    | 1  |
| 7269075                 | Lot Conc   |                        | OTTAWA CITY / OT                                   | TAWA-CARLE              | TON            | Flowing?                                     | <u> </u>                             | <u>,                                      </u> |
| Date 7/4/2016           | Elev (masl) East   | ting 441535            | Northing 5025554                                   |                         |                | SWL  | (mbgs)                               | (masl)   |
| Date 7/4/2016<br>DDMMYY | Well_Depth_m:  | UTM RC 4               | margin of error : 30 m - 100 m                     |                         |                | Pumping WL<br>Pump Rate                      | (mbgs)<br>(LPM)                      | (masl)   |
|                         |  |                        | -  |                         |                | Spec. Cap.                                   | (LPM)<br>(LPM/m)                     | /<br>Hr / Min                                  |
|                         | Monitoring / Test Hole Abane Water Found (mbgs) Street 1575 CARLING AVENUE | ndoned-Other<br>(masl) |  | <b>Depth (m)</b><br>0.0 | Elev (masl)    | Color  | Soil Descripti                       |  |
|                         | Town/City Ottawa   |                        |  |                         |                |  |                                      |  |
|                         |  |                        |  |                         |                |  | 1                                    | 1  |

| vveli Record # | Wel | I Record | l # |
|----------------|-----|----------|-----|
|----------------|-----|----------|-----|

| 7/   | 20070    | 1 -4                | 0                          |                        | NEDEAN TOWA          |                         | LETON       | Elev                   | ving?                           |                 |                            |
|------|----------|---------------------|----------------------------|------------------------|----------------------|-------------------------|-------------|------------------------|---------------------------------|-----------------|----------------------------|
|      | 269076   | Lot                 | Conc                       |                        |                      | ISHIP / OTTAWA-CAR      | LETON       | FIOV                   | ving ?<br>SWL                   | (mbgs)          | (masl)                     |
| Date | 7/4/2016 | Elev                | (masl)                     | Easting 441520         | Northing             | 5025550                 |             | Pumpin                 | g WL                            | (mbgs)          | (masl)                     |
|      | DDMMYY   | Well_Depth_m        | <b>:</b> 6.09999990463257  | UTM RC 4               | margin of error : 30 | ) m - 100 m             |             | Pump                   | Rate                            | (LPM)           | 1                          |
|      |          | M:4                 | do o / To o 11010          | Manifeston and Task H  | i.                   |                         |             | Spec.                  |                                 | (LPM/m)         | Hr / Min                   |
|      |          | Water Fou           | ( 0 /                      |                        | DIE                  | <b>Depth (m)</b><br>0.0 | Elev (masi) | Color                  |                                 | Soil Descriptio |                            |
|      |          | Street<br>Town/City | t 1575 CARLING AVE  Ottawa | ENUE                   |                      |                         |             |                        |                                 |                 |                            |
|      |          |                     |                            |                        |                      | 0.3                     |             | BLACK                  | GRAVEL /                        |                 | / HARD                     |
|      |          |                     |                            |                        |                      | 1.5                     |             | BROWN                  | FILL /                          | SAND            | / GRAVEL                   |
|      |          |                     |                            |                        |                      | 6.1                     |             | GREY                   | LIMESTONE /                     |                 | / HARD                     |
| 72   | 269077   | Lot                 | Conc                       |                        | NEPEAN TOWN          | SHIP / OTTAWA-CAR       | LETON       |                        | ving?                           |                 | , , , , , ,                |
|      |          |                     |                            |                        |                      |                         |             |                        | SWL                             | (mbgs)          | (masl)                     |
| Date | 7/4/2016 | Elev                | (masl)                     | Easting 441521         | Northing             | 5025550                 |             | Pumpin                 | g WL                            | (mbgs)          | (masl)                     |
|      | DDMMYY   | Well_Depth_m        | <b>:</b> 6.09999990463257  | UTM RC 4               | margin of error : 30 | ) m - 100 m             |             | Pump                   | Rate                            | (LPM)           | 1                          |
|      |          | Manitan             | ing / Test Hele            | Manitaring and Toot H  | -la                  |                         |             | Spec.                  |                                 | (LPM/m)         | Hr / Min                   |
|      |          |                     | ring / Test Hole           | Monitoring and Test Ho | ne .                 | Depth (m)               | Elev (masl) |                        | •                               | ,               |                            |
|      |          | Water Fou           | ( 0 /                      |                        |                      | 0.0                     |             | Color                  |                                 | Soil Descriptio | ns                         |
|      |          | Street<br>Town/City | t 1575 CARLING AVE  Ottawa | ENUE                   |                      |                         |             |                        |                                 |                 |                            |
|      |          |                     |                            |                        |                      | 0.3                     |             | BLACK                  | GRAVEL /                        |                 | / HARD                     |
|      |          |                     |                            |                        |                      | 1.5                     |             | BROWN                  | FILL /                          | SAND            | / GRAVEL                   |
|      |          |                     |                            |                        |                      | 6.1                     |             | GREY                   | LIMESTONE /                     | OAND            | / HARD                     |
| 72   | 269113   | Lot                 | Conc                       |                        | NEPEAN TOWN          | SHIP / OTTAWA-CAR       | LETON       |                        | ving?                           |                 | / HAND                     |
|      |          |                     |                            |                        |                      |                         |             |                        | SWL                             | (mbgs)          | (masl)                     |
| Date | 7/5/2016 | Elev                | (masl)                     | Easting 441532         | Northing             | 5025553                 |             | Pumpin                 | a WL                            | (mbgs)          | (masl)                     |
|      | DDMMYY   | Well_Depth_m        | : 14.1700000762939         | UTM RC 4               | margin of error : 30 | ) m - 100 m             |             | Pump                   | -                               | (LPM)           | , ,                        |
|      |          | Manita              | ing / Toot Hole            | Manitaring and Toot H  | -la                  |                         |             | Spec.                  |                                 | (LPM/m)         | Hr / Min                   |
|      |          |                     | ing / Test Hole            | Monitoring and Test Ho | ле                   | Depth (m)               | Elev (masl) | •                      | •                               | ,               |                            |
|      |          | Water Fou           | ( 0 /                      |                        |                      | 0.0                     |             | Color                  |                                 | Soil Descriptio | ns                         |
|      |          | Street<br>Town/City | t 1575 CARLING AVE  Ottawa | ENUE                   |                      |                         |             |                        |                                 |                 |                            |
|      |          |                     |                            |                        |                      | 0.3                     |             | BLACK                  | SAND /                          |                 | / HARD                     |
|      |          |                     |                            |                        |                      | 1.8                     |             | BROWN                  | SAND /                          | GRAVEL          | / SOFT                     |
|      |          |                     |                            |                        |                      | 14.2                    |             | GREY                   | LIMESTONE /                     |                 | / HARD                     |
| 72   | 269114   | Lot                 | Conc                       |                        | NEPEAN TOWN          | ISHIP / OTTAWA-CAR      | LETON       |                        | ving?                           |                 | ,                          |
| D-4- | 7/5/0046 | F1                  | (maga!)                    | Faction 444504         | No. of let           | 5005550                 |             |                        | SWL                             | (mbgs)          | (masl)                     |
| Date | 7/5/2016 | Elev                | (masl)                     | Easting 441524         | Northing             | 5025550                 |             | Pumpin                 | g WL                            | (mbgs)          | (masl)                     |
|      | DDMMYY   | well_Depth_m        | : 14.0900001525879         | UTM RC 4               | margin of error : 30 | ) m - 100 m             |             | Pump                   | Rate                            | (LPM)           | 1                          |
|      |          | Monitor             | ing / Test Hole            | Monitoring and Test Ho | مام                  |                         |             | Spec.                  | Сар.                            | (LPM/m)         | Hr / Min                   |
|      |          | Water Fou           | •                          | -                      | ,,,                  | Depth (m)               | Elev (masl) |                        |                                 |                 |                            |
|      |          |                     | t 1575 CARLING AVE         |                        |                      | 0.0                     |             | Color                  |                                 | Soil Descriptio | ns                         |
|      |          | Street              |                            | ENUE                   |                      |                         |             |                        |                                 |                 |                            |
|      |          | Town/City           | <sup>,</sup> Ottawa        |                        |                      |                         |             |                        |                                 |                 |                            |
|      |          | Town/City           | r Ottawa                   |                        |                      | 0.3                     |             | BLACK                  | SAND /                          |                 | / HARD                     |
|      |          | Town/City           | o Ottawa                   |                        |                      | 0.3                     |             | BLACK                  | SAND /                          | GRAV/EI         | / HARD                     |
|      |          | Town/City           | o Ottawa                   |                        |                      | 0.3<br>1.5<br>14.1      |             | BLACK<br>BROWN<br>GREY | SAND /<br>SAND /<br>LIMESTONE / | GRAVEL          | / HARD<br>/ SOFT<br>/ HARD |

| ١٨ | الم | Re | co | rd | # |
|----|-----|----|----|----|---|
|    |     |    |    |    |   |

| well Record # |                |                                  |            |               |                     | Dased on W      | iiiisti y Oi L | iivii oiiiileiit vve | ater wen miormat | ion Database Dec      | eniber 31, 2010, | available offilite. |
|---------------|----------------|----------------------------------|------------|---------------|---------------------|-----------------|----------------|----------------------|------------------|-----------------------|------------------|---------------------|
| 7269115       | Lot            | Conc                             |            |               | NEPEAN TOW          | NSHIP / OTT     | AWA-CARL       | .ETON                | Flo              | wing?                 |                  |                     |
|               |                | 00110                            |            |               |                     |                 |                |                      |                  | SWL                   | (mbgs)           | (masl)              |
| Date 7/6/2016 | Elev           | (masl)                           | Easting    | 441550        | Northing            | 5025563         |                |                      | Pumpii           |                       |                  | (masl)              |
| DDMMYY        | Well Denth m   | 1: 20.7999992370605              | 117        | TM RC 4       | margin of error : 3 | 0 m - 100 m     |                |                      | •                | •                     | (mbgs)           | ` '                 |
| DDIVINITI     | weii_Deptii_ii | 1. 20./9999923/0003              | U.         | I WI KC 4     | margin or enor . 3  | 0 111 - 100 111 |                |                      | Pum              | Rate                  | (LPM)            | 1                   |
|               | Manita         | ring / Toot Holo                 | Manitarina | and Took Hali | _                   |                 |                |                      | Spec             | . Cap.                | (LPM/m)          | Hr / Min            |
|               |                | ring / Test Hole                 | -          | and Test Hole | е                   |                 | Depth (m)      | Elev (masl)          |                  |                       | , ,              |                     |
|               | Water For      | und (mbgs)                       |            | (masl)        |                     |                 | 0.0            |                      | Color            |                       | Soil Description | ıs                  |
|               |                | t 1575 CARLING AVE<br>y Ottawa   | ENUE       |               |                     |                 | 0.0            |                      | 30.01            |                       | Con Becomption   |                     |
|               |                |                                  |            |               |                     |                 | 0.3            |                      | BLACK            | GRAVEL /              |                  | / HARD              |
|               |                |                                  |            |               |                     |                 |                |                      |                  |                       | ODA)/EI          |                     |
|               |                |                                  |            |               |                     |                 | 1.2            |                      | BROWN            | SAND /                | GRAVEL           | / HARD              |
|               |                |                                  |            |               |                     |                 | 20.8           |                      | GREY             | LIMESTONE /           |                  | / HARD              |
| 7269116       | Lot            | Conc                             |            |               | NEPEAN TOW          | NSHIP / OTT     | AWA-CARL       | ETON                 | Flo              | wing?                 |                  |                     |
|               |                |                                  |            |               |                     |                 |                |                      |                  | SWL                   | (mbgs)           | (masl)              |
| Date 7/7/2016 | Elev           | (masl)                           | Easting    | 441520        | Northing            | 5025556         |                |                      | Pumpii           | na WI                 | (mbgs)           | (masl)              |
| DDMMYY        | Well Depth m   | n: 15.2399997711182              | U          | TM RC 4       | margin of error : 3 | 0 m - 100 m     |                |                      | •                | -                     |                  | (masi)<br>/         |
|               |                |                                  |            |               |                     |                 |                |                      |                  | Rate                  | (LPM)            | •                   |
|               | Monito         | ring / Test Hole                 | Monitorina | and Test Hole | e                   |                 |                |                      | Spec             | . Cap.                | (LPM/m)          | Hr / Min            |
|               | Water Fo       | · ·                              | _          |               | -                   |                 | Depth (m)      | Elev (masl)          |                  |                       |                  |                     |
|               |                | und (mbgs)<br>t 1575 CARLING AVE |            | (masl)        |                     |                 | 0.0            |                      | Color            |                       | Soil Description | ıs                  |
|               |                | y Ottawa                         |            |               |                     |                 |                |                      |                  |                       |                  |                     |
|               |                |                                  |            |               |                     |                 | 0.3            |                      | BLACK            | GRAVEL /              |                  | / LOOSE             |
|               |                |                                  |            |               |                     |                 |                |                      |                  |                       |                  |                     |
|               |                |                                  |            |               |                     |                 | 1.5            |                      | BROWN            | SAND /                | GRAVEL           | / SOFT              |
|               |                |                                  |            |               |                     |                 | 15.2           |                      | GREY             | ROCK /                | LIMESTONE        | / HARD              |
| 7269117       | Lot            | Conc                             |            |               | NEPEAN TOW          | NSHIP / OTT     | AWA-CARI       | FTON                 | Flo              | wing?                 |                  |                     |
| 1200111       | Lot            | -5110                            |            |               | ,                   |                 |                |                      |                  | SWL                   | (mbgs)           | (masl)              |
| Date 7/8/2016 | Elev           | (masl)                           | Easting    | 441561        | Northing            | 5025573         |                |                      |                  |                       |                  | ` '                 |
| DDMMYY        |                | , ,                              | -          |               | -                   |                 |                |                      | Pumpii           | -                     | (mbgs)           | (masl)              |
| DDIVINIT      | weii_Deptii_ii | <b>1:</b> 7.61999988555908       | U          | TM RC 4       | margin of error : 3 | 0 m - 100 m     |                |                      | Pumj             | Rate                  | (LPM)            | /                   |
|               |                |                                  |            |               |                     |                 |                |                      | Spec             | . Cap.                | (LPM/m)          | Hr / Min            |
|               |                | ring / Test Hole                 | Monitoring | and Test Hole | e                   | 1               | Depth (m)      | Elev (masl)          |                  |                       | (=)              |                     |
|               | Water For      | und (mbgs)                       |            | (masl)        |                     |                 | 0.0            | , ,                  | Color            |                       | Soil Description |                     |
|               | Stroo          | t 1575 CARLING AVE               | ENLIE      |               |                     |                 | 0.0            |                      | 00101            |                       | CON Description  | .5                  |
|               |                | y Ottawa                         | LINOL      |               |                     |                 |                |                      |                  |                       |                  |                     |
|               |                |                                  |            |               |                     |                 | 0.3            |                      | BLACK            | GRAVEL /              |                  | / DENSE             |
|               |                |                                  |            |               |                     |                 |                |                      |                  | SAND /                | CDAVE!           | / GRAVEL            |
|               |                |                                  |            |               |                     |                 | 1.5            |                      | BROWN            |                       | GRAVEL           |                     |
|               |                |                                  |            |               |                     |                 | 7.6            |                      | GREY             | LIMESTONE /           |                  | / LAYERED           |
| 7269118       | Lot            | Conc                             |            |               | NEPEAN TOW          | NSHIP / OTT     | AWA-CARL       | ETON                 | Flo              | wing?                 |                  |                     |
|               |                |                                  |            |               |                     |                 |                |                      |                  | SWL                   | (mbgs)           | (masl)              |
| Date 7/6/2016 | Elev           | (masl)                           | Easting    | 441553        | Northing            | 5025560         |                |                      | Pumpii           |                       | (mbgs)           | (masl)              |
| DDMMYY        | Well Depth m   | 1: 13.8599996566772              | U          | TM RC 4       | margin of error : 3 | 0 m - 100 m     |                |                      | •                | •                     |                  |                     |
| 22            | optii_ii       |                                  | •          |               | 9 0. 0 01 . 0       |                 |                |                      |                  | Rate                  | (LPM)            | 1                   |
|               | Monito         | ring / Test Hole                 | Monitoring | and Test Hole | Δ.                  |                 | _              |                      | Spec             | . Cap.                | (LPM/m)          | Hr / Min            |
|               |                | •                                | -          |               | C                   | I               | Depth (m)      | Elev (masl)          | ·                |                       |                  |                     |
|               | Water Fo       | , ,                              |            | (masl)        |                     |                 | 0.0            |                      | Color            |                       | Soil Description | ıs                  |
|               | Stree          | t 1575 CARLING AVE               | ENUE       |               |                     |                 |                |                      |                  |                       | •                |                     |
|               |                | y Ottawa                         | -          |               |                     |                 |                |                      |                  |                       |                  |                     |
|               | •              |                                  |            |               |                     |                 | 0.3            |                      | BLACK            | GRAVEL /              |                  | / HARD              |
|               |                |                                  |            |               |                     |                 | 0.0            |                      | JL/ WIT          | OIV WEE               |                  | . 1000              |
|               |                |                                  |            |               |                     |                 | 2.4            |                      | DDOM'N           | CAND /                | ODAY (EI         | / COFT              |
|               |                |                                  |            |               |                     |                 | 2.1            |                      | BROWN            | SAND /                | GRAVEL           | / SOFT              |
|               |                |                                  |            |               |                     |                 | 2.1<br>13.9    |                      | BROWN<br>GREY    | SAND /<br>LIMESTONE / | GRAVEL           | / SOFT<br>/ HARD    |
|               |                |                                  |            |               |                     |                 |                |                      |                  |                       | GRAVEL           |                     |

|              | ecord #    |                                  |            |                        |                      | Daseu on     | uninotity of E | invironinient vve | ater Well Information | ii Batabase Bee | eniber 51, 2010, | available offine.                       |
|--------------|------------|----------------------------------|------------|------------------------|----------------------|--------------|----------------|-------------------|-----------------------|-----------------|------------------|---|
| 726          | 9119       | Lot Conc                         | :          |                        | OTTAWA               | CITY / OT    | TAWA-CARI      | ETON              | Flowi                 |                 | ( )              | , D                                     |
| Date         | 7/7/2016   | Elev                             | (masl)     | Easting 441538         | Northing             | 5025562      |                |                   |                       | WL.             | (mbgs)           | (masl)                                  |
|              | DDMMYY     | Well_Depth_m: 14.0200            |            | UTM RC 5               | margin of error : 10 |              |                |                   | Pumping               |                 | (mbgs)           | (masl)                                  |
|              |            |                                  |            |                        |                      |              |                |                   | Pump F                |                 | (LPM)            | /                                       |
|              |            | Monitoring / Tes                 | t Hole     | Monitoring and Test Ho | le                   |              | Depth (m)      | Elev (masl)       | Spec. C               | ap.             | (LPM/m)          | Hr / Min                                |
|              |            | Water Found                      | (mbgs)     | (masl)                 |                      |              | 0.0            |                   | Color                 |                 | Soil Description | ns                                      |
|              |            | Street 1575 (<br>Town/City OTTA) |            |                        |                      |              | 0.0            |                   |                       |                 |                  |   |
|              |            |                                  |            |                        |                      |              | 0.3            |                   | BLACK                 | GRAVEL /        |                  | / HARD                                  |
|              |            |                                  |            |                        |                      |              | 1.5            |                   | BROWN                 | SAND /          | GRAVEL           | / SOFT                                  |
|              |            |                                  |            |                        |                      |              | 14.0           |                   | GREY                  | LIMESTONE /     |                  | / HARD                                  |
|              |            |                                  |            |                        |                      |              |                |                   |                       |                 |                  | , |
| 726          | 9120       | Lot Conc                         |            |                        | NEPEAN TOWN          | ISHIP / OT   | I AWA-CARI     | FION              | Flowi                 |                 |                  |   |
| Date         | 7/8/2016   | Elev                             | (masl)     | Easting 441538         | Northing             | 5025555      |                |                   |                       | WL              | (mbgs)           | (masl)                                  |
| ulu          | DDMMYY     | Well_Depth_m: 14.0299            | . ,        | UTM RC 4               | margin of error : 30 |              |                |                   | Pumping               |                 | (mbgs)           | (masl)                                  |
|              | PDIMINIT   | weii_Depui_m: 14.0299            | 777/3/7/1/ | UTWIKE 4               | margin of error : 30 | ) in - 100 M |                |                   | Pump F                |                 | (LPM)            | 1                                       |
|              |            | Monitoring / Tes                 | t Hole     | Monitoring and Test Ho | le                   |              | Donth ()       | Elov (meel)       | Spec. C               | Сар.            | (LPM/m)          | Hr / Min                                |
|              |            | Water Found                      | (mbgs)     | (masl)                 |                      |              | Depth (m)      | Elev (masl)       | Calan                 |                 | Call December    |   |
|              |            | Street 1575 (                    | ,          | , ,                    |                      |              | 0.0            |                   | Color                 |                 | Soil Description | 15                                      |
|              |            | Town/City Ottawa                 |            |                        |                      |              |                |                   |                       |                 |                  |   |
|              |            | rowincity Ottawa                 | 1          |                        |                      |              |                |                   |                       |                 |                  |   |
|              |            |                                  |            |                        |                      |              | 0.3            |                   | BLACK                 | GRAVEL /        |                  | / DENSE                                 |
|              |            |                                  |            |                        |                      |              | 2.1            |                   | BROWN                 | SAND /          | GRAVEL           | / SOFT                                  |
|              |            |                                  |            |                        |                      |              | 14.0           |                   | GREY                  | LIMESTONE /     |                  | / LAYERED                               |
| 707          | 0120       | Lot Conc                         |            |                        | NEPEAN TOWN          | ISHID / OT   | TAMA CADI      | ETON              | Flowi                 | na?             |                  |   |
| 121          | 0130       | Lot Conc                         |            |                        | NEFEAN TOWN          | NOTIF / UI   | IAWA-CAKI      | L I ON            |                       | :WL             | (mbgs)           | (masl)                                  |
| ate          | 12/23/2015 | Elev                             | (masl)     | Easting 441159         | Northing             | 5025077      |                |                   | Pumping               |                 | (mbgs)           | (masi)                                  |
|              | DDMMYY     | Well_Depth_m:                    |            | UTM RC 4               | margin of error : 30 | ) m - 100 m  |                |                   | Pumping<br>Pump F     |                 | (mbgs)<br>(LPM)  | (masi)<br>/                             |
|              |            |                                  |            |                        | •                    |              |                |                   | •                     |                 | (LPM/m)          | /<br>Hr / Min                           |
|              |            | 1                                |            | Abandoned-Other        |                      |              | Depth (m)      | Elev (masl)       | Spec. C               | <b>,</b> αμ.    | (L1~1VI/111)     | I II / IVIII I                          |
|              |            | Water Found                      | (mbgs)     | (masl)                 |                      |              | 0.0            | . ,               | Color                 |                 | Soil Description | ns                                      |
|              |            | Street 842 B0 Town/City Ottawa   |            |                        |                      |              |                |                   |                       |                 | •                |   |
|              |            |                                  |            |                        |                      |              |                |                   |                       |                 |                  | 1                                       |
| 727          | 1919       | Lot Conc                         |            |                        | OTTAWA               | CITY / OT    | TAWA-CARI      | ETON              | Flowi                 | -               |                  |   |
| <b>\_4</b> - | 0/40/0040  | F1                               | (man c l)  | Facility 444000        |                      | 5005115      |                |                   | S                     | WL              | (mbgs)           | (masl)                                  |
| ate          | 8/10/2016  | Elev                             | (masl)     | Easting 441388         | Northing             | 5025142      |                |                   | Pumping               | WL              | (mbgs)           | (masl)                                  |
|              | DDMMYY     | Well_Depth_m:                    |            | UTM RC 4               | margin of error : 30 | ) m - 100 m  |                |                   | Pump F                | Rate            | (LPM)            | 1                                       |
|              |            | 1                                |            |                        |                      |              | _              |                   | Spec. C               | ар.             | (LPM/m)          | Hr / Min                                |
|              |            | Water Found                      | (mbgs)     | (masl)                 |                      |              | Depth (m)      | Elev (masl)       | ·                     |                 |                  |   |
|              |            |                                  | (mbgs)     | (IIIasi)               |                      |              | 0.0            |                   | Color                 |                 | Soil Description | าร                                      |
|              |            | Street                           |            |                        |                      |              |                |                   |                       |                 |                  |   |
|              |            | Town/City                        |            |                        |                      |              |                |                   |                       |                 |                  |   |
|              |            |                                  |            |                        |                      |              |                |                   |                       | 1               |                  | 1                                       |
| 727          | 1920       | Lot Conc                         | :          |                        | OTTAWA               | CITY / OT    | TAWA-CARL      | .ETON             | Flowi                 | ng?             |                  |   |
|              |            |                                  |            |                        |                      |              |                |                   |                       | WL .            | (mbgs)           | (masl)                                  |
|              | 8/10/2016  | Elev                             | (masl)     | Easting 441400         | Northing             | 5025186      |                |                   | Pumping               |                 | (mbgs)           | (masl)                                  |
|              | DDMMYY     | Well_Depth_m:                    |            | UTM RC 4               | margin of error : 30 | ) m - 100 m  |                |                   | Pump F                |                 | (LPM)            | /                                       |
|              |            |                                  |            |                        |                      |              |                |                   | Spec. C               |                 | (LPM/m)          | Hr / Min                                |
|              |            |                                  |            |                        |                      |              |                |                   | Op00. 0               |                 | \-····/          |   |
|              |            | /                                |            |                        |                      |              | Depth (m)      | Elev (masl)       |                       |                 |                  |   |
| Date         |            | Water Found                      | (mbgs)     | (masl)                 |                      |              | 0.0            | Elev (masl)       | Color                 |                 | Soil Description | าร                                      |
|              |            | •                                | (mbgs)     | (masl)                 |                      |              | ,              | Elev (masl)       | Color                 |                 | Soil Description | ns                                      |

| Well Record #            |  |               |                                      | Based on   | Ministry of E           | nvironment Wa | ter Well Information Databas                          | se December 31, 201                        | 6, available online.                      |
|--------------------------|--|---------------|--------------------------------------|--|-------------------------|---------------|---|--|---|
| 7271921                  | Lot Conc   |               |                                      | OTTAWA CITY / OT                                   | TAWA-CARL               | ETON          | Flowing?  |  |   |
| Date 8/11/2016<br>DDMMYY | Elev  Well_Depth_m:  /  Water Found  Street  Town/City | (masl) (mbgs) | Easting 441434<br>UTM RC 4<br>(masl) | Northing 5025110<br>margin of error : 30 m - 100 m | <b>Depth (m)</b><br>0.0 | Elev (masl)   | SWL<br>Pumping WL<br>Pump Rate<br>Spec. Cap.<br>Color | (mbgs) (mbgs) (LPM) (LPM/m)  Soil Descript | (masl)<br>(masl)<br>/<br>Hr / Min<br>ions |
| 7074000                  | ]  |               |                                      | OTTAWA CITY / OT                                   | TAMA CADI               | ETON          | Flowing?  | 1  | 1   |
| 7271922                  | Lot Conc   |               |                                      |  | IAWA-CARL               | ETON          | SWL   | (mbgs)                                     | (masl)                                    |
| <b>Date</b> 8/11/2016    | Elev   | (masl)        | Easting 441435                       | Northing 5025115                                   |                         |               | Pumping WL  | (mbgs)                                     | (masl)                                    |
| DDMMYY                   | Well_Depth_m:  |               | UTM RC 4                             | margin of error : 30 m - 100 m                     |                         |               | Pump Rate   | (LPM)                                      | 1   |
|                          | 1  |               |                                      |  | D 41- ()                | El (1)        | Spec. Cap.  | (LPM/m)                                    | Hr / Min                                  |
|                          | Water Found<br>Street<br>Town/City                     | (mbgs)        | (masl)                               |  | <b>Depth (m)</b><br>0.0 | Elev (masl)   | Color   | Soil Descript                              | ions                                      |
| 7271923                  | Lot Conc   |               |                                      | OTTAWA CITY / OT                                   | TAWA-CARL               | ETON          | Flowing?  | 1  | /   |
| <b>Date</b> 8/10/2016    | Elev   | (masl)        | Easting 441438                       | Northing 5025120                                   |                         |               | SWL   | (mbgs)                                     | (masl)                                    |
| DDMMYY                   | Well_Depth_m:  | (111451)      | UTM RC 4                             | margin of error : 30 m - 100 m                     |                         |               | Pumping WL  | (mbgs)                                     | (masl)                                    |
| DDMMIII                  | Deptii_iii.  |               | 01m10 4                              | margin of entor . 30 m - 100 m                     |                         |               | Pump Rate   | (LPM)                                      | /   |
|                          | 1  |               |                                      |  | Depth (m)               | Elev (masl)   | Spec. Cap.  | (LPM/m)                                    | Hr / Min                                  |
|                          | Water Found  | (mbgs)        | (masl)                               |  | 0.0                     | ,,            | Color   | Soil Descript                              | ions                                      |
|                          | Street   |               |                                      |  |                         |               |   |  |   |

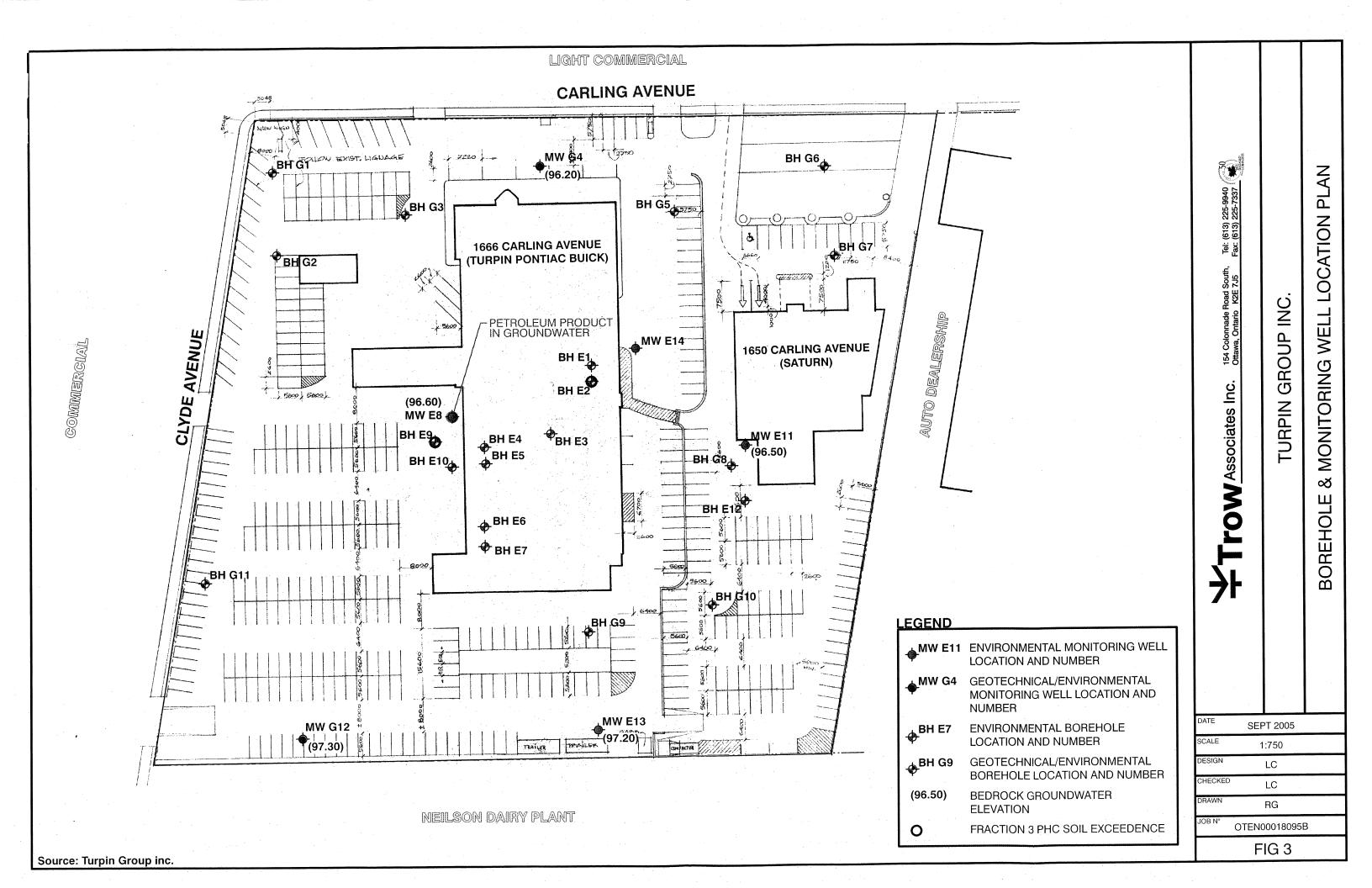
Town/City

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                  | U    | 71 <b>C</b>                    | -    |            | <b>'9</b> .   |         | -   |            |          |                                   |             | -        |               |       | 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<br>ained 1                | riaxia .    |          |               | -     |           |
| Log                  | ged            | by:       | Checked by   | ·         |                       |      | Shelby<br>Shear S              | Stre | ngth t     | у             |         | +   |            | Shea     | rain at l<br>er Stren<br>etromete | gth b       | y        |               |       |           |
|                      | e              |           |  |           |                       |      | Vane T                         |      |            | enetration    | Tast N  | S   |            |          |                                   |             | our Read | lian (a.      | T     | <u> </u>  |
| G<br>V<br>L          | SYMBO.         |           | SOIL DESCRIPTION   |           | Geodetic<br>Elevation | DEPT | Shear                          | 20   |            | 40            | 60      | 80  |            | 1        | 250                               | 50          |          | 750           | ,,,,, | SAMPLES   |
| 9                    |                | CONC      | CRETE~150 mm   |           | 100.9<br>100.8        | H    | O.ica,                         | 50   | -          | 100           | 150     | 200 | kPa        | At       | 10                                | Limits<br>2 |          | vveight<br>30 | )     | E<br>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><br>ble fill, fine to medium grained<br>//brown, moist.                       | d,        | 99.4                  |      | .5                             |      | 331        |               |         |     |            | Ш        |                                   |             |          |               | /     | Å         |
| 2                    | <i>10</i> 00 i | TILL      | wbrown, moist.<br>and, some gravel, grey, mois   | /<br>.t   |                       |      |                                |      | 201<br>201 |               |         |     |            | <b>þ</b> |                                   |             |          |               | )     | X         |
|                      |                | only S    | Auger refusal @ 2.3 m dept   |           | 98.6                  | _    |                                | F    |            |               | 1 2 2 2 |     |            | <b>D</b> |                                   |             |          |               |       | 1         |
|                      |                |           |  |           |                       |      |                                |      |            |               |         |     |            |          |                                   |             |          |               |       |           |
|                      |                |           |  |           |                       |      |                                |      |            |               |         |     |            |          |                                   |             |          |               |       |           |
| OTE:<br>Bore<br>Trov | hole da        | ata requi | ires interpretation assistance from others   | Elapse    | WATER                 |      | VEL RE<br>Vater                | CC   |            | lole Ope      | 20      | F   | up I       |          |                                   |             | ING RE   |               |       | 0.0       |
| Bore                 | hole ba        | ackfilled | upon completion.   | Time      | 2                     | Le   | vater<br><u>vel (m)</u><br>n/d |      |            | To (m)<br>2.3 | 511     |     | lun<br>lo. | De<br>(n |                                   | -           | % Red    | -             | - R   | QD<br>    |
| 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, Omar                  | IU |                                   |                     |                           |                   | _                |                 |                        |   |     |              |        |
| Drill Type:       | August 23rd, 2005                                   |                              | -  | Split Sp<br>Auger S               | oon San<br>Sample   | nple                      | Œ                 |                  |                 |                        | apour Rea<br>re Content                       | -   |              | \<br>\ |
| Datum:            | Accumed   |                              | -  | SPT (N                            | ) Value<br>c Cone 1 | Γ <u>ast</u>              | 0                 |                  |                 | erg Limit              |   | ŀ   | -            | €      |
|                   | Assumed   |                              | -  | Shelby                            |                     | est                       |                   |                  | % Stra          | ined Tria<br>in at Fai | ure   |     |              | Ð      |
| Logged by:        | Checked by:   |                              |    | Shear S<br>Vane To                | itrength l<br>est   | ру                        | <del>+</del><br>s |                  | Penetr          | Strength<br>ometer     | by<br>Fest                                    |     |              | 4      |
| S Y M B O L       | SOIL DESCRIPTION                                    | Geodetic<br>Elevation        | ΗT | Shear                             |                     | enetration<br>40          |                   | lue<br>30<br>kPa |                 | 250                    | apour Read<br>500<br>sture Cont<br>its (% Dry | 750 | - ₩          | N      |
|                   | ICRETE~150 mm                                       | 100.9<br>100.8               | 0  | Į.                                |                     | 100 1                     | 150 2             | 00               |                 | 10                     |   | 30  | Ē            | W<br>k |
| FILL<br>Sand      | I and gravel, fine to coarse grained                | . –                          |    | 0.010                             |                     | 2000                      |                   | 1031             |                 |                        |   |     | $\bigvee$    |        |
| <b>XXX</b> √occa  | sional cobbles, brown, moist.  Y SAND               | 100.1                        | 1  |                                   | 1000                |                           |                   |                  |                 |                        |   |     | $\mathbb{H}$ |        |
| Poss              | sible fill, fine to medium grained, w/brown, moist. |                              | ľ  |                                   |                     |                           |                   |                  |                 |                        |   |     | $\mathbb{N}$ |        |
| × 1,5,10          |   | 98.9                         |    | 3213                              |                     |                           |                   |                  | <b>þ</b>        |                        |   |     |              |        |
| TILL<br>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<br>Water<br>vel (m)<br>n/d |                     | Side Ope<br>To (m)<br>2.5 | in                | Run<br>No.       | CO<br>Dep<br>(m | th                     | LLING RR<br>% Rec                             |     | RQD          | ) 9    |

## Borehole Log <u>E3</u>



| Projec      | t No.                    | OTEN00018095B                                      | וטם                | •••                   | <b>.</b>        | _                             | - •          | <b>9</b> .    |       | •            | Cione    | a Nia                  | 4           |            | FO               |
|-------------|--------------------------|--|--------------------|-----------------------|-----------------|-------------------------------|--------------|---------------|-------|--------------|----------|------------------------|-------------|------------|------------------|
| Projec      | :t:                      | Phase II Environmental Site                        | Assessmen          | <u>t</u>              |                 |                               |              |               |       |              |          | e No.                  |             |            |                  |
| Locati      | on:                      | 1650 and 1666 Carling Ave                          | nue, Ottawa,       | Ontari                | 0               |                               |              |               |       | <del></del>  | Snee     | et No.                 | _1_ of      |            |                  |
| Date D      | rilled:                  | August 23rd, 2005                                  |                    |                       | Split           | Spoon                         | Sam          | ple           | 1     | $\boxtimes$  | Comi     | bustible               | Vapour Rea  | ading      |                  |
| Drill Ty    | vpe:                     |  |                    |                       |                 | er Sam <sub>l</sub><br>(N) Va |              |               |       | <b>I</b> I)  |          | ral Moist<br>perg Lim  | ure Conten  | ŧ ,        | ;<br> (          |
| Datum       | :                        | Assumed  |                    |                       | Dyna            | mic Co                        | one T        | est           |       | <del>-</del> | Undra    | ained Tri<br>ain at Fa | axial at    | •          | . (              |
| Logge       | d by:                    | Checked by   | y:                 | _                     | Shea            | oy Tub<br>or Stren            |              | у             |       | +<br>s       | Shea     | r Streng<br>trometer   | h by        |            | 1                |
| 9           | ***                      |  |                    |                       | Vane            |                               | ard Pe       | netration     |       | _            |          |                        | /apour Read | ting (apm) | \ Tel-           |
| GWL SYM BOL |                          | SOIL DESCRIPTION                                   | E                  | Geodelic<br>Elevation | E She           | 20<br>ar Stre                 |              |               | 60    | 80 kP        | i        | 250                    |             | 750        | SAMPLES V        |
| L           | CON                      | CRETE~180 mm                                       |                    | m<br>00.8<br>00.6     | H 0             | 50                            | -            | 100           | 150   | 200          |          | 10                     | 20          | 30         | Ē k              |
|             | -FILL<br>Sand            | and gravel, fine to coarse gr                      | ained              |                       | 33              |                               |              |               |       |              | <b>h</b> |                        |             | 100000     | $\mathbb{N}$     |
|             | - occas<br>- SILT\       | ional cobbles, brown, moist. / SAND                |                    | 0.00                  | 1               |                               | 441<br>441   |               |       |              |          |                        |             |            | $\mathbb{H}$     |
|             | Possil                   | ble fill, fine to medium graine<br>//brown, moist. | :d,99              | 9.4                   | 333             |                               | 301          |               |       |              | :W: ;;   |                        |             |            | $\mathbb{N}$     |
|             | TILL                     | and, some gravel, grey, moi                        | st.                |                       |                 |                               |              |               |       |              | ф        |                        |             |            | $\mathbb{X}$     |
|             |                          | Auger refusal @ 2.3 m dep                          | 98                 | 3.5                   | 2               |                               |              |               |       |              | ф        |                        |             |            | X                |
|             |                          |  |                    | ļ                     |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    | {                     |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          |  |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
| TES:        |                          |  |                    |                       |                 |                               | <u>: :  </u> |               |       | ]:::::       | 1::::    | 1::::                  |             | ::::       |                  |
| Borehole    | data requi<br>ore use by | ires interpretation assistance from others         | V<br>Elapsed       | VATER I               | LEVEL F         |                               |              | ole Ope       | en en | Run          | CC       |                        | ILLING RE   |            | RQD <sup>q</sup> |
| Borehole    | backfilled               | upon completion.                                   | Time<br>Completion |                       | Level (m<br>n/d |                               |              | To (m)<br>2.3 |       | No.          | (m       |                        | 70 1100     |            |                  |
| Field work  | ( sunervie               | ed by a Trow representative                        |                    |                       | •               |                               |              | 2.3           |       |              |          |                        |             |            |                  |
|             |                          | ole Descriptions                                   |                    |                       |                 |                               |              |               |       |              |          |                        |             |            |                  |
|             |                          | read with Trow Consulting<br>rt OTEN00018095B      |                    |                       |                 | ĺ                             |              |               |       |              |          |                        |             |            |                  |



| Projec      | t No. OTEN00018095B   | DO        | nen                   | U     | 16                          | L                   | 9                        | <u> </u>     | •           |              |                       | -                                | Ŧ!            | r            | Ú |
|-------------|---|-----------|-----------------------|-------|-----------------------------|---------------------|--------------------------|--------------|-------------|--------------|-----------------------|----------------------------------|---------------|--------------|---|
| Projec      |   | e Assessn | nent                  |       |                             |                     |                          |              |             |              |                       | 5                                |               |              |   |
| Locatio     |   |           |                       | io    | -                           |                     |                          |              |             | Sheet        | l No.                 | _1_ of                           | 1_            |              |   |
| Date D      | rilled: August 23rd, 2005   |           |                       |       | Solit Sc                    | oon San             | nnle                     |              | ——<br>⊠     | Camb         |                       | · 5                              |               |              |   |
| Drill Ty    |   |           |                       |       | Auger S                     | Sample              | ipie                     |              | (II)        |              |                       | /apour Re<br>ire Conten          |               |              |   |
| Datum:      |   | *-        |                       |       | SPT (N)<br>Dynami           | ) Value<br>c Cone 1 | Γest                     |              | 0           |              | erg Limi<br>ined Tria |                                  |               | <u> </u>     |   |
| Logged      |   | V.        |                       |       | Shelby                      | Tube<br>Strength (  | h                        |              |             | % Stra       | in at Fa<br>Strengti  | ilure                            |               |              |   |
| 00          | Onookou b   | y         |                       |       | Vane Te                     |                     | ру                       |              | +<br>s      |              | ometer                |                                  |               |              |   |
| SY MBO      | SOIL DESCRIPTION  |           | Geodetic<br>Elevation | DEIDT | :                           | 20                  | enetration               | Test N<br>60 | Value<br>80 | 1            | 250                   | apour Read                       | 750           | - M          |   |
| L<br>L      | CONCRETE~130 mm   |           | 100.8                 | H     |                             | Strength<br>50      | 100                      | 150          | kPa<br>200  | Atte         | rberg Lin             | oisture Con<br>nits (% Dry<br>20 | Weight)<br>30 | LES          | 1 |
|             | FILL  |           | 100.7                 |       | 30.0                        |                     |                          |              |             | <u></u>      |                       |                                  |               | M            |   |
|             | Sand and gravel, fine to coarse groccasional cobbles, brown, moist.  SILTY SAND   | amed,     | 100.0                 |       |                             |                     |                          |              |             |              |                       |                                  |               |              |   |
|             | Possible fill, fine to medium graine<br>yellow/brown, moist.  | ∍d,       | 99.4                  |       | 3013                        |                     |                          |              |             | ф            |                       |                                  |               | $\mathbb{X}$ |   |
|             | TILL<br>Silty sand, some gravel, grey, mo   | <i></i>   | 1                     |       | -3-1-1-5                    |                     |                          |              |             | ф            |                       |                                  |               | M            |   |
| 16/20       | Auger refusal @ 2.1 m dep   |           | 98.7                  | 2     | <u> </u>                    | 11111               | 1 1 1 1                  |              |             | ф            | 1 2 2 2               | 1   1   1   1                    | 10010         |              |   |
| OTES:       |   |           |                       |       |                             |                     |                          |              |             |              |                       |                                  |               |              |   |
| Borehole d  | ata requires interpretation assistance from a succession assistance and a succession assistance from a | Elapse    | WATER L               |       | EL REC                      |                     |                          |              | D           |              |                       | LING RE                          |               |              | _ |
| Borehole b  | ackfilled upon completion.  | Time      | 1                     | Leve  | ater<br><u>el (m)</u><br>/d | +-                  | ole Ope<br>To (m)<br>2.1 | 11           | Run<br>No.  | Depti<br>(m) | ן י                   | % Rec                            | .             | RQD          | ) |
|             | supervised by a Trow representative on Sample Descriptions  | 25.11,510 |                       | . 17  | -                           |                     | <b></b> (                |              |             |              |                       |                                  |               |              |   |
| This Drawin | ig to be read with Trow Consulting<br>td. report OTEN00018095B  |           |                       |       |                             |                     |                          | 1            |             |              |                       |                                  |               |              |   |



| Projec            | ot No. OTEN00018095B  | DOIG            | <i>-</i> 1 1       | U     | 'IC               | <u> </u> | 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 <sup>I</sup> | Readir   | <b>1</b> 0 |              |
| Drill Ty          | /pe:  |                 |                    |       | Auger S           | Sampl    | le         | <b>,</b> , ,         |           |                                       |           | Nat                    | ural  | Moistur                         | e Cont             |          | ig .       | _            |
| Datum             | : Assumed   |                 |                    |       | Dynami            | ic Cor   | ne Te      | est                  |           | 0                                     |           | Unc                    | frain | g Limits<br>ed Triax            | kial at            |          |            | <del> </del> |
| Logge             | d by: Checked by  | /:              |                    |       | Shelby<br>Shear S | Streng   |            | у                    |           | +<br>s                                |           | She                    | ar S  | i at Fail<br>trength<br>meter T | by                 |          |            |              |
| s                 |   | <del></del>     |                    |       | Vane T            |          | d Pe       | netration            | Test N    |                                       |           |                        |       | tible Va                        |                    |          | (          | ा हुन        |
| Ø≱_<br>Ø≱_<br>Ø   | SOIL DESCRIPTION  |                 | eodetic<br>evation | DHOLL | 1                 | 20       | 4          |                      | 60        | 80                                    |           |                        | 25    | 50<br>ural Mois<br>erg Limi     | 500                | 750      | )          | SAMP LES     |
| L<br>P            | <b>CONCRETE</b> ~150 mm   | 100             |                    | 0     | l                 | 50       |            | 00                   | 150       | 20                                    |           | 7                      | 1     |                                 | 20                 | 30<br>:. | ignt)      | S            |
|                   | FILL Sand and gravel, fine to coarse gra                        |                 |                    |       | 13 5 13           |          | 31:<br>31: | 3100                 |           |                                       | 1120      |                        |       |                                 |                    |          |            | M            |
|                   | occasional cobbles, brown, moist.                               | _               |                    | 1     |                   | 1:1:2    |            | 4-1-1-1<br>- 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<br>th      | )                  |       |                   | 1        |            |                      |           |                                       |           | <u>Ш. :</u><br>  : : : |       |                                 | 1                  | T        |            | A            |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 | İ                  |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   | ļ               |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 | ŀ                  |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
|                   |   |                 |                    |       |                   |          |            |                      |           |                                       |           |                        |       |                                 |                    |          |            |              |
| OTES:<br>Borehole | data requires interpretation assistance from                    | WA              | TER L              | _EV   | EL RE             | COR      | <br>DS     |                      |           |                                       |           | C                      | ORF   | DRILI                           | _ING F             | RECO     | ORD        |              |
| Trow before       | re use by others packfilled upon completion.                    | Elapsed<br>Time | Γ                  | W     | ater<br>el (m)    |          | Но         | ole Ope<br>To (m)    | n         |                                       | un<br>lo. | De                     | pth   |                                 | % 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<br>Ltd. report OTEN00018095B | L               |                    |       |                   | 丄        |            |                      |           |                                       | 丄         |                        |       |                                 |                    |          |            |              |

**YTrow** 

| 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                    |           | ——<br>⊠    | 0                 | ombuetil                   | ole Va                    | oour Rea              | dina |              |
| Drill Typ                           | pe:   |                         |     | Auger S<br>SPT (N                         | Sample         |                         |           | OII)       | N                 | atural M                   | oisture                   | Content               | -    | _            |
| Datum:                              | Assumed   |                         |     | Dynami                                    | c Cone 1       | Γest                    |           | <u> </u>   | Ur                | tterberg<br>ndrained       | Triaxi                    |                       | ł    | <del> </del> |
| Logged                              | by: Checked by:   |                         |     |   | trength t      | ру                      |           | +          | St                | Strain a<br>near Stre      | ength b                   | у                     |      |              |
|                                     |   |                         |     | Vane Te                                   |                |                         |           | S          |                   | enetrome                   |                           |                       |      |              |
| SYMBOL                              | SOIL DESCRIPTION  | Geodel<br>Elevatio      | 15  | Shear                                     | 20<br>Strength | enetration<br>40<br>100 | 60<br>150 | 80<br>ki   |                   | 250<br>Natura<br>Atterberg | 5<br>al Moist<br>g Limits | ure Conte<br>(% 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<br>10 00 00 00<br>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:<br>Borehole da<br>Trow before | ita requires interpretation assistance from use by others   |                         |     | VEL REC                                   |                |                         |           |            |                   |                            | RILLI                     | NG REC                | CORD |              |
|                                     | ckfilled upon completion.   | Elapsed Time Completion | Lev | Vater<br>vel (m)                          |                | ole Ope<br>To (m)       | n         | Run<br>No. |                   | epth<br>(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                | ieii                                | U      | л <b>С</b>            | L              | . <b>ور</b>   |        | -                  |     |                    |                         | _                           | Ť I    | r       |  |  |
|--------------|---|-----------------------|--|------------------|-------------------------------------|--------|-----------------------|----------------|---------------|--------|--------------------|-----|--------------------|-------------------------|-----------------------------|--------|---------|--|--|
|              | rojec   | e Assessm             | essment  |                  |                                     |        |                       |                |               | F      | igure              | No. | 8                  | 8                       |                             |        |         |  |  |
| Lo           | ocatio  | on:                   | 1650 and 1666 Carling Ave  |                  |                                     | o<br>o |                       |                |               |        |                    | S   | Sheet              | No                      | of                          | _1_    |         |  |  |
| Da           | ate D   | rilled:               | August 23rd, 2005  |                  |                                     |        | Split Sp              | oon Sar        | nole          |        | ——<br>⊠            |     | Combi              | setible \/              | apour Rea                   | adin ~ |         |  |  |
| Dr           | ill Ty  | pe:                   |  |                  |                                     | -      | Auger S               | Sample         |               |        | 000                |     | Natura             | l Moistur               | re Content                  |        | ×       |  |  |
| Da           | atum:   |                       | Assumed  |                  |                                     | -      | SPT (N)<br>Dynami     |                | Test          |        | <u> </u>           |     | Undrair            | erg Limits<br>ned Tria: | xial at                     |        | ł       |  |  |
| Lo           | gged  | by:                   | Checked b  | y:               |                                     |        | Shelby Shear S        | trength I      | by            |        | <b>■</b><br>+<br>s | ;   | Shear S            | in at Fail<br>Strength  | by                          |        |         |  |  |
|              | s   |                       |  |                  | т                                   | _      | Vane Te               |                | enetration    |        | -                  |     |                    | ometer T                |                             |        | .101    |  |  |
| G≶∟          | SYM<br>BOL  |                       | SOIL DESCRIPTION   |                  | Geodetic<br>Elevation<br>m<br>100.8 | HHOMO  | Shear                 | 20<br>Strength | 40            | 60     | 80                 | Pa  | 2                  | 250                     | sture Conte<br>its (% Dry \ | 750    | SAMPLES |  |  |
|              |   | FILL                  | CRETE~180 mm   |                  | 100.6                               | 0      | 0.010                 |                |               |        | -200<br>           |     |                    | Till in                 | 20                          | 30     | H       |  |  |
|              |   | √occas                | and gravel, fine to coarse gr<br>ional cobbles, brown, moist.      | ained,           | 100.0                               |        |                       |                |               |        |                    |     | 0.011.0            |                         |                             |        |         |  |  |
|              |   | Possil                | <u>'SAND</u><br>ple fill, fine to medium graine<br>//brown, moist. | <br>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<br>3-4-3-6 |                         | 10000                       |        | X       |  |  |
|              |   |                       |  |                  |                                     |        |                       |                |               |        |                    |     |                    |                         |                             |        |         |  |  |
| OTE          | S:  |                       |  |                  |                                     |        |                       |                |               |        |                    |     |                    |                         |                             |        |         |  |  |
| Bore<br>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<br>See | f work :<br>Notes   | supervise<br>on Sampl | d by a Trow representative e Descriptions ead with Trow Consulting | Time<br>Completi |                                     |        | <u>/el (m)</u><br>n/d |                | To (m)<br>2.3 |        | No.                |     | (m)                |                         |                             |        |         |  |  |



| Projec            |   | Assessment                          |      |  |       |          |                      |                |                       |     | Figure No.     |                          | 9<br>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<br>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<br>Shear :<br>Vane T                  | Stren |          | у                    |                | +<br>S                |     | Shear          | Streng<br>romete         | th by           |                |                                   |          |  |  |
| SYMBOL            | SOIL DESCRIPTION  | Geodetic<br>Elevation<br>m<br>100.8 | DEPH | Shear  | 20    | ngth     |                      | Test N V<br>60 | /alue<br>80<br>200    | kPa |                | 250<br>latural Nerberg L | 500<br>loisture | Conte<br>Dry W | ng (ppm)<br>50<br>nt %<br>/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  |       |          |                      |                |                       |     |                | ×                        |                 |                | 200                               | <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<br>Grey, excellent quality.                                     | 97.7                                | 3    |  |       |          |                      |                |                       |     |                |                          |                 |                |                                   | П        |  |  |
|                   | _   | 96.6                                | 4    | 12.21.13                                     |       |          |                      |                |                       |     |                |                          |                 |                | 2013                              |          |  |  |
| 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<br>h                           |      |  | 1.1.  | 1.1      | 1111                 | 10010          | 1                     | -   | 1 1 1 1        | 1000                     |                 | 111            |                                   |          |  |  |
|                   |   |                                     |      |  |       |          |                      |                |                       |     |                |                          |                 |                |                                   |          |  |  |
| OTES:<br>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<br>Vel (m)                             |       |          | Hole Open            |                | Run                   |     | Dep            | th                       |                 | Rec.           |                                   | RQE      |  |  |
|                   |   | Completion<br>6 Days                |      | n/d<br>4.2                                   |       |          | <u>To (m)</u><br>3.1 |                | _ <u>No</u><br>1<br>2 |     | 3.1 -<br>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<br>Time | Water         | Hole Open |
|                 | Level (m)     | To (m)    |
| Completion      | n/d           | 3.1       |
| 6 Days          | 4.2           |           |
|                 |               |           |
|                 |               |           |
|                 |               |           |
|                 |               |           |
| L               |               |           |

| CORE DRILLING RECORD |              |        |       |  |  |  |  |  |
|----------------------|--------------|--------|-------|--|--|--|--|--|
| Run<br>No.           | Depth<br>(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      |              | 7 tagast 24(1), 2005  |                         | Auger            | Spoon Sam<br>Sample                   | iple          |           | ⊠<br>ID           |         |                              | apour Rea<br>re Conten     |                  |              |
| Datum         |              | Assumed   |                         |                  | N) Value<br>nic Cone T                | rest .        |           | o<br><del>-</del> |         | erg Limit<br>ned Tria        |                            |                  | ļ            |
| Logge         |              | Checked by:   |                         |                  | y Tube                                |               | _         | 1                 | % Stra  | in at Fai<br>Strength        | lure                       |                  | (            |
| 33-           | a 2).        | Orlocked by   |                         | Vane             | Strength b<br>Test                    | Эy            |           | +<br>s            |         | ometer 1                     |                            |                  |              |
| SYMBOL<br>G&L |              | SOIL DESCRIPTION  | Geodetic                | DEEP             | Standard Pe                           |               |           |                   | 1 :     | 250                          | pour Read<br>500           | 750              | 1) S N       |
| r Or          |              | SOIL DESCRIPTION  | Elevation<br>m<br>100.7 | H Shea           | r Strength                            |               | 60<br>150 | 80<br>kPa<br>200  |         | atural Moi<br>berg Lim<br>10 | isture Cont<br>lits (% Dry | ent %<br>Weight) | SAMP-LHO     |
|               | FILL<br>Sand | and gravel, fine to coarse grain                              |                         | 0                |                                       |               |           |                   | П¥      |                              |                            |                  |              |
|               | occas        | sional cobbles, brown, moist. Y SAND                          | 99.9                    | 22.1             |                                       |               |           |                   |         |                              |                            |                  |              |
|               | Possi        | ble fill, fine to medium grained,<br>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 |               |           |                   | <br>  × |                              |                            |                  | -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<br>Completion      | Level (m)<br>n/d |                                       | To (m)<br>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       |                                |                | <del>-</del>               |          |                  | Sheet No. <u>1</u> o         |                              |   | _1_   |                  |   |
| Date Dr                             | illed: August 24th, 2005   |                            |                                     |          | Split Sc                       | oon Sam        | ple                        | Į.       | <br>⊠            | — Combustible Vapour Reading |                              |   | dina  |                  |   |
| Drill Typ                           | De:  |                            |                                     |          | Auger S                        | ample          | •                          |          |                  | Natura                       | al Moistu                    | re Content  | -     |                  |   |
| Datum:                              | Assumed  |                            |                                     |          | Dynami                         | Cone T         | est                        |          | -<br>-           | Undra                        | erg Limi                     | axial at  | i     | t                | _ |
| Logged                              | by: Checked b  | ру:                        |                                     |          |                                | trength b      | у                          |          | <b>■</b><br>⊢    | Shear                        | ain at Fa<br>Strengthrometer | n by  |       |                  |   |
|                                     |  |                            |                                     | _        | Vane T                         |                | enetration *               |          | 5                |                              |                              |   |       |                  |   |
| SYMBOL<br>GWL                       | SOIL DESCRIPTION   |                            | Geodetic<br>Elevation<br>m<br>100.7 | DHT-I o  | Shear                          | 20<br>Strength | 40 €                       | 60       | 80<br>kPa<br>200 |                              | 250                          | apour Read<br>500 7<br>sisture Conte<br>nits (% Dry V | 750   | A<br>M<br>P<br>L | ١ |
|                                     | ASPHALTIC CONCRETE 50 mm   |                            | 100.7                               |          |                                |                |                            |          |                  | пх                           |                              |   | 0.01  |                  | - |
|                                     | Sand and gravel, fine to coarse g<br>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                            |                              |   |       | +                | _ |
|                                     |  |                            |                                     |          |                                |                |                            |          |                  |                              |                              |   |       |                  |   |
|                                     |  |                            |                                     |          |                                |                |                            |          |                  |                              |                              |   |       |                  |   |
| OTES:<br>Borehole da<br>Trow before | ata requires interpretation assistance from e use by others  |                            | WATER                               |          |                                |                |                            |          |                  |                              |                              | LLING RE  |       |                  | _ |
|                                     | ackfilled upon completion.   | Elapse<br>Time<br>Completi |                                     | Lev      | /ater<br><u>/el (m)</u><br>n/d | #              | lole Oper<br>To (m)<br>2.1 | <u> </u> | Run<br>No.       | Dep<br>(m)                   |                              | % Rec.  |       | RQD              | ) |
| See Notes                           | supervised by a Trow representative<br>on Sample Descriptions<br>og to be read with Trow Consulting<br>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 Sample  SPT (N) Value  O |                    |                         |         |  |              |                  |            |         | Moistu<br>g Limit |                        | ntent                    |          | <b> </b>                               | <del>-</del> |          |
| Datum:                     | Assumed   |                      |                           | -                              | Dynami<br>Shelby   |                         | Те      | est                                      |              |                  |            | Und     | draine            | -<br>ed Tria<br>at Fai | ixial a                  | t        |  |              | Ð        |
| Logged by:                 | Checked by:   |                      |                           |                                | Shear S<br>Vane Te | trength                 | n by    | ,  |              | +<br>s           |            | She     | ar St             | trength<br>neter       | by                       |          |  |              | 4        |
| S Y M BO L                 | SOIL DESCRIPTION  |                      | Seodelic<br>levation<br>m | DEPT H                         |                    | andard<br>20<br>Strengt | 4<br>th |  | Test N<br>60 | Valu<br>80<br>20 | )<br>kPa   |         | 25                | iral Mo<br>erg Lim     | 500<br>isture<br>nils (% | 75       | nt %<br>eight)                         | SAMPLES      |          |
| XX ASP<br>ROA              | HALTIC CONCRETE 50 mm<br>DWAY GRANULARS 230 mm                        | /199                 | .9                        | 0                              | 3313               | Ī                       |         |  |              | 20               |            | ф×      |                   |                        | 20                       | 3        | ∪<br>                                  | 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                       |         |  | 12.00        |                  | 111111     | ф×      |                   | -1-1-1-                |                          |          | 10 01 1 1<br>10 01 1 1                 | X            | 1        |
| TILL                       |   | 98                   | .4                        |                                |                    |                         |         |  |              |                  | 1001       |         |                   | 111111                 |                          |          | 10 2011                                |              | <b>X</b> |
|                            | sand, some gravel, grey, moist<br>pact).                              | t, _                 |                           | 2                              | 0                  |                         |         | 0100                                     | 13 3 1       |                  | 1101       | Ψ       | 13                | ×                      |                          |          |  | $\bot$       | \        |
|                            |   | _                    |                           |                                | 0                  |                         |         |  | 13.33        |                  |            |         |                   | ×                      |                          |          |  |              | 1        |
|                            |   | _                    | 00 =                      | 3                              |                    |                         |         |  |              |                  |            |         |                   | r.N. 1.<br>11311       |                          |          |  | $\triangle$  |          |
| LIME                       | STONE BEDROCK   | 96.                  | 96.7<br>.5                |                                |                    |                         |         |  | Q.           |                  |            | þ       | ×                 |                        |                          |          |  | X            |          |
|                            | excellent quality.  |                      |                           |                                |                    |                         |         | 5 1 3 5<br>5 1 3 5                       |              |                  |            |         |                   |                        |                          |          | 2010<br>2010                           | П            | ĺ        |
|                            |   |                      |                           |                                | 2010               |                         |         | 0100                                     | 1007         | H                |            |         |                   |                        |                          |          |  | $\  \ $      |          |
|                            |   |                      |                           |                                |                    |                         |         | 0-1-1-0                                  |              |                  |            |         |                   |                        |                          |          |  |              |          |
|                            |   |                      |                           | 5                              | 2012               |                         |         | 5135                                     |              |                  | 1:3:0:0:0: |         |                   |                        |                          | 3.0      | 9 (-1-)                                |              |          |
|                            |   |                      |                           |                                | -9-6-1-9<br>       |                         |         | 21112                                    |              |                  |            | 10.11   |                   |                        |                          |          |  | $\ $         |          |
|                            |   | -                    |                           | 6                              |                    |                         |         |  |              |                  |            |         |                   | 1000                   |                          |          | 3111                                   | $\ $         |          |
|                            |   | 93.                  | 2                         |                                | 3213               |                         |         | 3133                                     |              |                  |            | - 3- E- |                   |                        |                          | 33       |  | ]]           |          |
| B                          | orehole terminated @ 6.7 m de   | <b>2</b> μπ1         |                           | 7.74477                        |                    |                         |         |  |              |                  |            |         |                   |                        |                          |          |  |              |          |
| OTES:<br>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<br>Time      |                           |                                | Vater<br>vel (m)   |                         |         | ole Ope<br>To (m)                        | n            |                  | Run<br>No. | D       | epth<br>m)        |                        |                          | Rec.     |  |              | י סג     |
|                            | . ,   | Completion<br>6 Days |                           |                                | n/d<br>3.2         |                         |         | 3.6                                      |              |                  | 1 2        | 3.6     | - 4.<br>- 6.      | - 1                    |                          | 99<br>92 |  |              | 99<br>92 |
| •                          | sed by a Trow representative  |                      |                           |                                | J                  |                         |         |  |              |                  | 3          |         | - 6.              | 1                      |                          | 100      |  |              | 92       |
| See Notes on San           | nple Descriptions<br>e read with Trow Consulting<br>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<br>Engineers Ltd. report OTEN00018095B |
|  |

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

| CORE DRILLING RECORD |              |        |       |  |  |  |  |  |  |
|----------------------|--------------|--------|-------|--|--|--|--|--|--|
| Run<br>No.           | Depth<br>(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             | <b>ا</b> ا               | . 1 4    | =                        |   |                                |                                  | <b>-</b> 1             | ΓU               | 1 |
|-------------------|---|-------------------------------|---|--------------------------|----------------|--------------------------|----------|--------------------------|---|--------------------------------|----------------------------------|------------------------|------------------|---|
| Projec            |   | ssessment                     |   |                          |                |                          |          |                          | Figur   | re No.                         | 13                               |                        |                  |   |
| Location          |   |                               | tario                                   |                          |                |                          |          |                          | She   | et No.                         | _1_ of                           | _1_                    |                  |   |
|                   | rilled: August 24th, 2005   | · ·                           |   | Split Spc                | on Sami        | ole                      | D        | <br>⊲                    | Com   | hustible                       | Vapour Rea                       | dina                   |                  |   |
| Drill Ty          |   |                               |   | Auger Sa                 | ample          |                          | 0        | Natural Moisture Content |   |                                |                                  |                        | >                |   |
| Datum:            | Assumed   |                               |   | SPT (N)<br>Dynamic       | Cone Te        | est                      |          | <del>-</del>             | Undi  | rberg Lim                      | iaxial at                        | F                      | ——(              | ÷ |
| Logged            | l by: Checked by:_  |                               |   | Shelby T<br>Shear St     | rength by      | y                        | -        | -                        | % Strain at Failure<br>Shear Strength by<br>Penetrometer Test |                                |                                  |                        | 4                | • |
| 1                 |   | Τ                             |   | Vane Te                  |                | netration                | Tool NIV |                          |   |                                |                                  |                        | 101-             | _ |
| G M B O L         | SOIL DESCRIPTION  | Geod<br>Eleva                 | ition   E                               | Shear S                  | 0 4<br>trength | 10                       | 60       | 80<br>kP                 |   | 250<br>Natural M<br>tterberg L | foisture Conte<br>imits (% Dry V | 50<br>Int %<br>Veight) | TATIN            |   |
|                   | ASPHALTIC CONCRETE 40 mm<br>ROADWAY GRANULARS 90 mm   | 99.8<br>99.8<br>99.7          | (                                       |                          |                |                          | 50       | 200                      |   | 10<br>×                        |                                  | 30<br>                 | 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<br>O             | 9        | 1 1 1 1 1                |   |                                |                                  |                        | $\forall$        |   |
| 2322              | Auger refusal @ 3.5 m depth   | 96.3                          |   |                          |                |                          |          |                          |   |                                |                                  |                        | 1                |   |
|                   |   |                               |   |                          |                |                          |          |                          |   |                                |                                  |                        |                  |   |
| OTES:<br>Borehole | data requires interpretation assistance from<br>ore use by others   |                               |   | EVEL RE                  |                |                          |          |                          | ·   |                                | RILLING RE                       |                        |                  | ~ |
|                   | backfilled upon completion.   | Elapsed<br>Time<br>Completion |   | Water<br>evel (m)<br>n/d | H              | ole Ope<br>To (m)<br>3.5 | n        | Run<br>No.               |   | epth<br>m)                     | % Rec                            |                        | RQD <sup>o</sup> |   |
| 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 No.                                      | OTEN00018095B   | mont           |      |                                  |              |      |                       |          |            | f                       | Figure      | No.                     | 14                       | 1               | ~                |         |
|--|---|----------------|------|----------------------------------|--------------|------|-----------------------|----------|------------|-------------------------|-------------|-------------------------|--------------------------|-----------------|------------------|---------|
| Project:   | Phase II Environmental Site Assess                            |                | :-   |                                  |              |      |                       |          |            | Sheet N                 |             | No.                     | of                       | _1              | _                |         |
| Location:  | 1650 and 1666 Carling Avenue, Otta                            | iwa, Ontar     | 10   |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  | August 23th, 2005   |                | _    | Split Spe<br>Auger S             |              |      | le                    |          | X<br>I     | •                       |             |                         |                          |                 |                  |         |
| Drill Type:                                      |   |                | _    | SPT (N)<br>Dynamic               |              |      | ct                    |          | 0          |                         | Atterbe     | rg Limits               | 5                        |                 | $\vdash$         |         |
|  | Assumed   |                |      | Shelby 7                         |              | : 16 | 51                    |          |            |                         | % Strai     | ned Tria:<br>in at Fail | ure                      |                 |                  |         |
| _ogged by:                                       | Checked by:   |                |      | Shear S<br>Vane Te               |              | h by |                       | -        | t-<br>s    |                         |             | Strength<br>ometer T    |                          |                 |                  |         |
| s y  |   | Geodetic       | P    | 1                                | ndard        | Pen  | etration <sup>-</sup> | Test N V | 'alue      |                         |             |                         | pour Read                | ling (pp        | m)   5           | S       |
| SYM BO   | SOIL DESCRIPTION  | Elevation<br>m | HUDE | Shear                            | 20<br>Streng |      |                       | 50       |            | .Pa                     | Na<br>Atter | tural Moi<br>berg Lim   | sture Cont<br>its (% Dry | ent %<br>Weight | )                | SAMPLES |
|  | HALTIC CONCRETE 40 mm   | 100.7<br>100.7 | 0    |                                  | 50           | 10   | 0 1                   | 50       | 200        | :::::                   |             | 10                      | 20                       | 30              |                  | 3       |
| FILL<br>Sand                                     | and gravel, fine to coarse grained,                           | 99.9           |      | 3313                             |              |      | 3133                  |          |            | ::                      | DΧ          |                         |                          |                 |                  |         |
| XXX-SILTY  | sional cobbles, brown, moist. / SAND                          | 4              | 1    | 0                                |              |      | 0.1.2.0               |          |            | (                       | ) · · · · · |                         |                          |                 |                  | Ĭ       |
| Possi<br>yellov                                  | ble fill, fine to medium grained,<br>//brown, moist, (loose). | 4              |      | 300                              |              |      | 81118                 |          |            |                         | 3666        |                         |                          | 100             | <u> </u>         | }       |
|  |   | 98.6           | 2    | 0                                |              |      |                       |          |            | Ē                       |             | ×                       |                          |                 |                  |         |
| TILL<br>Silty s                                  | sand, some gravel, grey, moist, (very                         |                |      |                                  |              | E    | Bouncin               | g        |            |                         |             |                         |                          |                 | F                | 7       |
| dense  |   |                |      | 3313                             |              |      | . 0                   |          |            |                         | 3013        | X                       |                          |                 | $\mathbb{Z}^{2}$ | 1       |
|  |   | 97.2           | 3    | 3413                             |              |      |                       |          |            |                         |             |                         |                          | 333             |                  |         |
| LIME   | STONE BEDROCK<br>fair to good quality.                        | 97.2           | 9    |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  | 1       |
| Grey,  | iaii to good quaiity.   | -              | 4    | 3 3 1 3                          |              |      | 3133                  | 3331     |            | 0- (-<br>0- (-<br>0- (- | 3113        | 13.000                  | 10100                    |                 |                  |         |
|  |   | -              |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
| Grey,  |   | 4              | 5    | 3513                             |              |      | <u> </u>              | 330      |            |                         | 2012        |                         |                          |                 | :::<br>::::      |         |
|  |   |                |      |                                  | 11111        |      |                       |          |            |                         |             |                         |                          | 10.00           |                  |         |
| Bo   | orehole terminated @ 5.9 m depth                              | 94.8           | -    |                                  | 1133         |      | 3133                  |          |            |                         | 3443        |                         |                          |                 | 1                | Ļ       |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  | 1       |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            | :                       |             |                         |                          |                 |                  |         |
|  |   | ,              |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  |   |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
| OTES:  |   |                | ] [  |                                  | : : :        | :1   |                       |          |            | :                       |             |                         | 1                        | <u> </u>        | :                | <u></u> |
| OTES:<br>Borehole data requ<br>Trow before use b | uires interpretation assistance from y others                 | WATER          |      | VEL RE                           | COR          |      | ole Ope               | , , ,    | · · · · ·  |                         |             |                         | LLING R                  |                 |                  |         |
| ,  | ed upon completion.   | me<br>pletion  |      | /vater<br><u>:vel (m)</u><br>n/d | +            |      | To (m)<br>2.8         |          | Run<br>No. | -                       | Dept<br>(m) |                         | % Re                     | v.              | - K              | QE      |
| Field wart sure .                                | 7 0   | Days           |      | 3.8                              |              |      | ۷.0                   |          |            |                         |             |                         |                          |                 |                  |         |
| Field work supervi:<br>See Notes on Sam          | sed by a Trow representative ple Descriptions                 |                |      |                                  |              |      |                       |          |            |                         |             |                         |                          |                 |                  |         |
|  | read with Trow Consulting<br>ort OTEN00018095B                |                |      |                                  |              |      |                       |          |            |                         |             | 1                       |                          |                 |                  |         |



| Project No.                               | OTEN00018095B   |                      |                |      |                 |   | •              |              |                |            |             |  |            |            |                        |       | _      | -          | _                                     |
|---|---|----------------------|----------------|------|-----------------|---|----------------|--------------|----------------|------------|-------------|--|------------|------------|------------------------|-------|--------|------------|---------------------------------------|
| Project:                                  | Phase II Environmental Site A                                     | ssessment            |                |      |                 |   |                |              |                |            | Figure No.  |  | ~~~        |            | 15                     |       |        |            |                                       |
| Location:                                 | 1650 and 1666 Carling Avenu                                       | e, Ottawa, O         | ntari          | 0    |                 |   |                |              |                | _          |             |  | _1 of _1   |            |                        | 1_    |        |            |                                       |
| Date Drilled:                             | August 23th, 2005   |                      |                | _    | Split S         | ooon Sa                                 | mple           |              | ×              | ]          | Combustible |  |            | vap        | our R                  | eadir | ng     |            |                                       |
| Drill Type:                               |   |                      |                |      |                 | Sample<br>I) Value                      |                |              | ıı             |            |             | Natural Mois                                   |            |            | sture Content          |       |        | ,<br>      | <b>&gt;</b>                           |
| Datum:                                    | Assumed   |                      |                |      | Dynam           | ic Cone                                 | Test           | -            |                | •          | ι           | Atterberg Lim<br>Undrained Tr<br>% Strain at F |            | riaxial at |                        |       |        | •          | (                                     |
| Logged by:                                | Checked by:   |                      |                |      |                 | Strength                                | by             |              | +              |            | 5           | o Sira<br>Shear<br>Penetr                      | Stren      | gth b      | у                      |       |        |            |                                       |
|   |   |                      |                | ,    | Vane T          |   |                |              | S              |            |             |  |            |            |                        |       |        |            |                                       |
| G M M B B                                 | SOIL DESCRIPTION  | 1                    | detic<br>ation | HAMO | s               | tandard i<br>20                         | Penetration 40 | on Tes<br>60 |                | lue<br>80  | -           |  | 250        | 5          | our Re<br>00<br>ure Co | 750   |        | ) SAMPL    | N N                                   |
| - 0                                       |   |                      | m              | H    | Shear           | Strengti<br>50                          |                | 150          |                | kP<br>200  |             | Atte   | berg<br>10 | imits 2    | (% D                   | ry We | eight) | ES         | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| ROA                                       | HALTIC CONCRETE 40 mm<br>DWAY GRANULARS 300 mm                    |                      | 6              | $\ $ |                 |   |                |              |                |            | m           |  |            |            |                        |       |        |            |                                       |
| FILL<br>Sand                              | I and gravel, fine to coarse grain                                | ned,                 |                |      | 331             |   |                |              |                |            |             |  |            | (:):       |                        |       |        |            |                                       |
| occa                                      | sional cobbles, brown, moist, (lo<br>pact).                       | oose to              |                | 1    | 0               |   |                |              |                |            | ф           |  |            |            |                        |       |        | $ \rangle$ |                                       |
|   |   | -                    |                |      | Ö               |   |                |              |                |            |             |  |            |            |                        |       |        |            | 7                                     |
| <b>-</b>                                  |   | -                    |                | 2    |                 |   |                |              |                |            | : H4        |  |            |            |                        |       |        | -1         | 4                                     |
| <b>-</b>                                  |   | 4                    |                |      | 0               |   |                |              |                |            |             |  |            | 1111       |                        |       |        |            | 1                                     |
| TILL                                      |   | 97.7                 |                | 3 -  |                 |   | Bound          |              |                |            |             |  | 1 2 2      |            |                        |       |        |            | 1                                     |
| grain                                     | sand, some gravel, fine to medi<br>ed, grey, moist, (very dense). | um<br>97.0           |                |      |                 |   | 0              | Ling :       |                |            |             |  |            | 1111       |                        |       |        | X          |                                       |
|   | STONE BEDROCK , excellent quality.                                |                      |                | 4    |                 |   |                | 3 3          |                |            |             |  |            |            |                        |       | 3011   |            |                                       |
|   |   |                      | 96.2           |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            | l                                     |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        | _          |                                       |
|   |   | _                    |                | 5    | 3:13            |   |                | \$ 13        |                |            |             | (1)  |            |            |                        |       | 20.10  |            |                                       |
|   |   | 1                    |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   | -                    |                | 6    | -5 (-1-)        | - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 |                | 2 2          | 0.1.1          |            |             |  |            |            |                        | ***   |        | Ш          |                                       |
|   |   | 93.8                 |                |      | <u> </u>        | 1136                                    |                | (i) (i)      | \$141<br>\$141 |            |             | 4-1-5  |            |            |                        |       |        |            |                                       |
| В   | orehole terminated @ 6.8 m de                                     |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            | T                                     |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |
|   |   |                      |                | L    |                 |   |                |              |                |            |             | <u> </u>                                       |            |            |                        |       |        |            |                                       |
| OTES:<br>Borehole data req                | uires interpretation assistance from                              | WA                   | TER            | LE   | VEL R           | ECOR                                    | os             |              |                |            |             | СО   | RE C       | RILI       | ING                    | REC   | CORE   | )          |                                       |
| Trow before use to<br>Piezometer install. | ed upon completion.   | Elapsed<br>Time      |                | Lev  | Vater<br>vel (m | )                                       | Hole C         | <u>n)</u>    |                | Run<br>No. |             | Dep<br>(m                                      | )          |            | % F                    | lec.  |        |            | QD                                    |
|   |   | Completion<br>7 Days |                |      | n/d<br>4.4      |   | 3.6            | ,            |                | 1<br>2     | 1           | 3.6 -<br>4.8 -                                 |            |            | 9<br>10                |       |        |            | 92<br>100                             |
|   | ised by a Trow representative                                     | ,                    |                |      |                 |   |                |              |                | 3          | 1           | 6.2 -  |            |            | 9                      |       |        |            | 98                                    |
| .See Notes on San                         | e read with Trow Consulting<br>bort OTEN00018095B                 |                      |                |      |                 |   |                |              |                |            |             |  |            |            |                        |       |        |            |                                       |

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

|            | CORE DRILLING RECORD |        |       |  |  |  |  |  |  |  |
|------------|----------------------|--------|-------|--|--|--|--|--|--|--|
| Run<br>No. | Depth<br>(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                              | -  |              | □<br>X         |
| Orill Ty          |  | ·                 |                       | -     | SPT (N             | Value            |                    | (        |            | Atterb    | erg Limil                     | ts                                      | F  |              | <del>-</del> ô |
| Datum:            |  |                   |                       |       | Dynami<br>Shelby   | c Cone T<br>Tube | est                |          | -<br>1     | % Stra    | ned Tria<br>in at Fai         | ilure                                   |  |              | 0              |
| ogged             | by: Checked by:                                      |                   | -                     |       | Shear S<br>Vane Te | trength t<br>est | ру                 | -        | F<br>3     |           | Strength<br>ometer            |   |  |              | •              |
| SYMBOL            | SOIL DESCRIPTION                                     | E                 | Geodetic<br>Elevation | DEPTH | Shear              | 20<br>Strength   |                    | 60       | 80<br>kPa  |           | 250<br>atural Mo<br>rberg Lin | oisture Conte<br>nits (% Dry \          | 750<br>ent %<br>Weight)                      | SAMPLING     | Na<br>U<br>W   |
|                   | ASPHALTIC CONCRETE 50 mm<br>ROADWAY GRANULARS 280 mm | /]10              | 00.8<br>00.8<br>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:<br>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<br>Time   |                       | ٧     | Vater<br>vel (m)   |                  | Hole Ope<br>To (m) |          | Run<br>No. | Dep<br>(m | th                            | % Rec                                   |  | RQ           | ĭD ′           |
| 1 1620(118)       | or installed upon completion.                        | Completion 6 Days | n                     |       | n/d<br>Dry         |                  | 2.3                |          | , 10.      |           | -                             |   |  |              |                |
|                   | supervised by a Trow representative                  | o Days            |                       |       | y                  |                  |                    |          |            |           |                               |   |  |              |                |
| See Notes         | s on Sample Descriptions                             |                   |                       |       |                    |                  |                    |          |            |           |                               |   |  |              |                |

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

|            | CORE DE      | VILLING RECOR | ND    |
|------------|--------------|---------------|-------|
| Run<br>No. | Depth<br>(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<br>Elevatio<br>m<br>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<br>I Moisture<br>erg Limits<br>ned Triax.<br>in at Failu<br>Strength t<br>ometer Te   | cial at<br>ure<br>by<br>est<br>cour Readir<br>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<br>SPT (N)<br>Dynamic<br>Shelby T<br>Shear Si<br>Vane Te                                   | ample Value Cone To Tube Irength b st Indard Pe Strength   | est   | TO O   | lue<br>30<br>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        | <b> -</b><br>ng (ppm)<br>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                                      | enetration Te<br>40 60  | St N Vai   | lue<br>80<br>kPa   | Atterbe Undrair % Strair Shear S Penetro  Combu  | erg Limits ned Triax in at Failu Strength tometer Te  | ial at<br>Ure<br>by<br>est<br>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<br>Shear St<br>Vane Te   | rube irength b st  ndard Pe co Strength  | enetration Te<br>40 60  | st N Vai   | lue<br>80<br>kPa   | % Strain Shear S Penetro  Combu  2 Nat Attent  | in at Failu<br>Strength tometer Te<br>ustible Vap   | ure<br>by<br>est<br>pour Readir<br>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<br>40 60  | st N Vai   | lue<br>80<br>kPa   | Combu 2 Nai Attert   | ometer Te   | est<br>pour Readir<br>500 7                           | 50  | SAN  |
| 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<br>Strength  | 40 60<br>100 150  | ) 2  | 30<br>kPa  | Na<br>Attert   | 250 5   | 500 7   | 50  | S<br>A<br>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)<br>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 12 1  | 11.2 (   | Bouncing  |  |  | <b>×</b>   |   |   |   | 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<br>Completion   |  | evel (m)<br>n/đ   |  | To (m)<br>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   |                                       |      |                    | _               |                  | <b>J</b> -                |           |                  | Figure             | No.   | 18   | <br>3 | •        | •     |
|-------------------------------|-------------------|---|---------------------------------------|------|--------------------|-----------------|------------------|---------------------------|-----------|------------------|--------------------|-------|--|-------|----------|-------|
| Projec                        |                   | Phase II Environmental Site Asses                                 |                                       |      |                    |                 |                  |                           |           |                  | -                  |       | of   |       |          |       |
| Location                      |                   | 1650 and 1666 Carling Avenue, Ot                                  | tawa, Onta                            | ırio |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   | August 24th, 2005   |                                       |      |                    |                 | oon Sam<br>ample | ple                       |           | ⊠<br>•••         |                    |       | /apour Re<br>ure Conter                          | -     |          | 2     |
| Drill Ty                      |                   |   | · · · · · · · · · · · · · · · · · · · |      | SP                 | T (N)           | Value            |                           |           | <b>L</b> I       | Atterbe            |       |  | ι     | <u>—</u> | _(    |
| Datum                         |                   | Assumed   |                                       | _    |                    | namio<br>elby 7 | Cone T<br>Tube   | est                       |           | -                | Undrair<br>% Strai |       | axial at<br>iilure                               |       |          | 6     |
| Logged                        | d by:             | Checked by:   |                                       |      |                    | ear Si<br>ne Te | trength b<br>st  | у                         | -         | <del> </del><br> | Shear S<br>Penetro |       |  |       |          | 4     |
| G M B O L                     |                   | SOIL DESCRIPTION  | Geodet<br>Elevatio<br>m<br>100.8      | ı    | ٦                  | hear S          | 20<br>Strength   |                           | Test N Va | 80<br>kPa        | Na<br>Atter        | 250   | apour Read<br>500<br>Disture Cont<br>nits (% Dry | 750   | SAMPLES  | N V k |
|                               | FILL<br>Sand      | and gravel, fine to coarse grained, sional cobbles, brown, moist. | - 100.0                               |      |                    |                 |                  |                           |           |                  | ×                  |       |  |       | j        |       |
|                               | TILL              |   | 100.0                                 |      | 1                  |                 |                  |                           | 10000     |                  |                    |       |  |       |          |       |
|                               | Silty s<br>_(dens | sand, some gravel, grey, moist,<br>se to very dense).             |                                       |      | 33                 |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               | -                 |   |                                       |      |                    |                 | 112              | 10.00                     | o .       |                  | ×                  |       |  |       |          |       |
|                               | _                 |   |                                       |      | 10.0               |                 |                  | Bouncir                   | ig:::::   |                  |                    |       |  |       |          | 1     |
| 164255                        |                   | Auger refusal @ 2.7 m depth                                       | 98.1                                  |      | 103                | 11.57           |                  |                           | 1000      |                  |                    | 1.5.5 |  |       |          | -     |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       | l    |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   | ľ                                     |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
|                               |                   |   |                                       | _    |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |
| OTES:<br>Borehole<br>Trow bef | data req          | uires interpretation assistance from                              |                                       | ER L |                    |                 | CORD             |                           |           |                  |                    |       | RILLING F  |       |          |       |
|                               |                   | d upon completion.  | lapsed<br>Time<br>mpletion            | L    | Wat<br>evel<br>n/c | (m)             |                  | fole Ope<br>To (m)<br>2.7 |           | Run<br>No.       | Depi<br>(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<br>ort OTEN00018095B                  |                                       |      |                    |                 |                  |                           |           |                  |                    |       |  |       |          |       |



| Project No. Project:                       | OTEN00018095B  Phase II Environmental Site A                 | <b>DOI</b> 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              |     | —<br>⊠      | _          | Com      | huetik            | le Va   | oour Rea         | dina         |              |          |
| Drill Type:                                | <u> </u>   |                      |                      | -     | Auger            | Sa            | mple            | hie              |     |             |            | Natu     | ral Mo            | oisture | Content          | •            |              | X        |
| Datum:                                     | Assumed  |                      |                      | -     | SPT (<br>Dynar   | -             | /alue<br>Cone T | est              |     | <u> </u>    |            | Undr     | berg L<br>ained   | Triax   |                  | ŀ            |              | ⊕<br>⊕   |
| Logged by:                                 | Checked by:  |                      |                      | -     |                  | Str           | ength b         | у                |     |             |            | Shea     | rain at<br>r Stre | ngth l  | ру               |              |              | <b>▲</b> |
| ····                                       |  |                      |                      |       | Vane             | Tes           | t               |                  |     | s           |            |          | trome             |         |                  |              |              |          |
| G W B O L                                  | SOIL DESCRIPTION   | 1                    | Seodetic<br>levation | DEPTH |                  | 2(            | )               | enetration       | 60  | Value<br>80 |            | <u> </u> | 250<br>Vatura     | Mois    | ture Conte       | 750<br>ent % | - M<br>P     | Na       |
| 1 - I                                      | UALTIC CONCETTAGO  |                      | m<br>0.4             | H     | Shea             | ar St<br>- 50 | trength         | 100              | 150 | 200         | kPa        | Ati      | erberg            | Limit   | s (% Dry \<br>20 | Veight)      | LEIS         | kl       |
| ₩ FILL                                     | HALTIC CONCRETE 100 mm                                       | $ \int_{10}^{10}$    | 0.3                  |       |                  |               |                 |                  |     |             |            |          |                   | ×       |                  |              |              |          |
| SILT                                       | lway granulars, ~700 mm.<br>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<br>Silty                              | sand, some gravel, grey, moist                               |                      |                      |       |                  | c             |                 |                  |     |             |            |          | *                 | 21:1    |                  | 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  |             |            | 10000    | *                 |         |                  |              |              |          |
|  | good quality.  | -                    |                      |       | -2-1-1           |               | 1.00.1          |                  |     |             |            |          |                   |         |                  | 100000       | 11           |          |
|  |  | -                    | 96.2                 | 4     | 3 3 4            |               | 1331            |                  |     |             |            |          |                   | 3(1)    |                  | 3013         | $\ $         |          |
|  |  | -                    |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  | 2010         | H            |          |
|  |  | -                    |                      | 5     | 331              |               | 1331            |                  |     |             |            | 2.53     | 2   13<br>3   3   |         | - (-1-0-0-       | 0010         |              |          |
|  |  | 4                    |                      |       |                  |               | 1.2.2.1.        |                  |     |             |            |          |                   |         |                  | 12 31 112    |              |          |
| В  | orehole terminated @ 5.9 m de                                | 94.<br>epth          | .5                   |       |                  |               | 1334            |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      | :                    |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
|  |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
| OTES:<br>Borehole data req                 | uires interpretation assistance from                         | V                    | VATER                | LE    | EVEL F           | REC           | CORDS           | <br>S            |     |             |            | C        | ORE               | DRIL    | LING R           | ECORD        |              |          |
| Trow before use b<br>Piezometer install.   | ed upon completion.  | Elapsed<br>Time      |                      |       | Water<br>evel (n |               | Ī               | Hole Op<br>To (m |     |             | Run<br>No. |          | pth<br>n)         |         | % Red            | ;.           | RQ           | D o      |
|  |  | Completion<br>6 Days | י ו                  |       | n/d<br>4.2       |               |                 | 3.2              |     |             | 1 2        |          | - 4.6<br>- 5.9    |         | 95<br>98         |              |              | 88<br>81 |
|  | ised by a Trow representative                                | ,                    | ŀ                    |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              | Ì            |          |
| I.See Notes on San<br>5.This Drawing to be |  |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   |         |                  |              |              |          |
| Engineers Ltd. rep                         | e read with Trow Consulting<br>port OTEN00018095B            |                      |                      |       |                  |               |                 |                  |     |             |            |          |                   | L_      |                  |              |              |          |

|   | WAT             | ER LEVEL RECC      | RDS                 |
|---|-----------------|--------------------|---------------------|
|   | Elapsed<br>Time | Water<br>Level (m) | Hole Open<br>To (m) |
|   | Completion      | n/d                | 3.2                 |
|   | 6 Days          | 4.2                |                     |
|   |                 |                    |                     |
|   |                 | ,                  |                     |
| İ | :               |                    |                     |
|   |                 |                    |                     |

|            | CORE DF      | RILLING RECO | RD    |
|------------|--------------|--------------|-------|
| Run<br>No. | Depth<br>(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<br>- SPT (N         |              |        |               |             |           |      | ral Moi<br>berg L |                 | Content                  | 1        | <b></b>      | ×                  |
| Datum:                        | Assumed  |                                     | Dynam                     | ic Con       |        | st            |             | •         | Undr | ained frain at    | Triaxi          |                          |          |              | <b>(</b>           |
| .oggec                        | by: Checked by:_   |                                     | Shelby<br>Shear           | Strengt      | th by  |               | +<br>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<br>Elevation<br>m<br>100.4 | D<br>E<br>P<br>T<br>Shear | 20<br>Streng | 40     | ) (           | 60          | 80<br>kPa | 1    | 250               | Moist<br>Limits | ture Conte<br>s (% Dry V | 750      | AMP \        | Na<br>U<br>W<br>ki |
|                               | ASPHALTIC CONCRETE 60 mm<br>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<br>3313 |             |           |      |                   |                 |                          | 3010     | $\mathbf{M}$ |                    |
|                               | -  |                                     | 3                         |              |        |               |             |           |      |                   |                 |                          | 3011     |              |                    |
|                               | -  | <b>-</b> 96.8                       | C                         |              |        |               |             |           |      | ×                 |                 |                          |          | $\mathbb{X}$ |                    |
| uccos.                        | Auger refusal @ 3.6 m depth  | 73.0                                |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
|                               |  |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |
| OTES                          |  |                                     |                           | 1            |        | : : : :       |             |           | L    |                   |                 |                          |          |              | _                  |
| OTES:<br>Borehole<br>Trow bef | data requires interpretation assistance from ore use by others               | WATER<br>Elapsed                    | R LEVEL F                 | ECOF         |        | ole Ope       | en          | Run       |      | ORE<br>epth       | DRIL            | LING R                   |          | RQE          | D '                |
| . Borehole                    | backfilled upon completion.  | Time<br>Completion                  | Level (m                  | +            |        | To (m)<br>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<br>s Ltd. report OTEN00018095B          |                                     |                           |              |        |               |             |           |      |                   |                 |                          |          |              |                    |

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

| CORE DR      | ILLING RECO | RD    |
|--------------|-------------|-------|
| Depth<br>(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<br>SPT (N)                        |      |          |                          | [                     |                    |      | Natural<br>Atterbe | Mois   | ture                  |                                     | -     | L.,  |           | X      |
| Datum:                                      | Assumed   |                                    |       | Dynami                                    | c Cc | one T    | est                      |                       | _<br>              |      | Undrair<br>% Strai | ned Tr | iaxia                 |                                     |       | 1    |           | €      |
| Logged by:                                  | Checked by:   |                                    |       | Shelby <sup>-</sup><br>Shear S<br>Vane Te | tren |          | у                        | -                     | <b>-</b><br>+<br>S |      | Shear S<br>Penetro | Streng | th b                  | у                                   |       |      |           | 4      |
| SY M BO L                                   | SOIL DESCRIPTION  | Geodetic<br>Elevation<br>m<br>99.5 | DWDHI | Shear                                     | 20   | ngth     |                          | Test N V<br>60<br>150 | 80                 | Pa - | Na<br>Atter        | 250    | 50<br>Noistu<br>imits | our Read<br>00<br>ure Con<br>(% Dry | 750   |      | M         | N<br>K |
| FIL<br>Sar                                  | L<br>nd and gravel, fine to coarse grained,<br>asional cobbles, brown, moist. | 99.5                               | 0     |   |      |          |                          |                       | 200                |      | 3113               | ×      |                       |                                     | 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<br>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:<br>Borehole data r<br>Trow before use | equires interpretation assistance from  | WATER                              |       |   | ECC  |          |                          |                       |                    |      |                    |        | RILL                  | ING F                               |       |      |           | _      |
|   | alled upon completion.  | lapsed<br>Time                     |       | Vater<br>vel (m)<br>n/d                   |      | F        | Hole Op<br>To (m)<br>3.0 |                       | Run<br>No.         |      | Dept<br>(m)        |        | L                     | % Re                                | c     |      | RQD       | )      |
| .See Notes on S                             | 1 1   | mpletion<br>5 Days                 |       | n/d<br>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<br>Auger S<br>SPT (N)<br>Dynamic<br>Shelby 1   | ample   | nple  |  |  | Combu  | stible V   | 1 of   |  |   |  |
|---|---|--|--|---|---|--|--|--|--|--|--|---|--|
| gust 24th, 2005 sumed Checked by:   |   | <u>-</u>   | Auger S<br>SPT (N)<br>Dynamic  | ample   | nple  |  |  |  |  | apour Rea  | ding   |   |  |
| sumed Checked by:   | ·<br>   | -  | Auger S<br>SPT (N)<br>Dynamic  | ample   | nple  |  |  |  |  | apour Rea  | ıding  |   |  |
| Checked by:   | ·<br>   |  | SPT (N)<br>Dynamic   |   |   |  | U  | natura   | l Moistui  | re Content   | t  |   | [<br>}   |
| Checked by:   | ·<br>   |  |  | Cone  | Taet  | (  | )  |  | rg Limit   |  |  | <del> </del>  | -  |
|   | ·<br>   |  | •  | ube   |   | _  |  | % Strai  | ned Tria<br>in at Fai  | lure   |  |   | 0  |
| SOIL DESCRIPTION  | Condutio  |  | Shear Solvene Te   |   | ру  | - ;  | ⊦<br>S   |  | Strength<br>ometer 1   |  |  |   | 4  |
|   | Elevation m 99.7  | DWPTH  | Shear S  |   |   | Test N V<br>60<br>150  | alue<br>80<br>kPa<br>200   |  | 250  | apour Read<br>500<br>isture Contr<br>its (% Dry)   | 750  | )   | N<br>W<br>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<br>).   |   | 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   |   |  |  |   |   |  |  |  |  |  |  |   |  |
|   |   |  |  |   |   |  |  |  |  |  |  |   |  |
|   |   |  |  |   |   |  |  |  |  |  |  |   |  |
|   |   |  |  |   |   |  |  |  |  |  |  |   |  |
|   |   |  |  |   |   |  |  |  |  |  |  |   |  |
| interpretation assistance from  | WATER   | LE   | VEL RE   | CORD  | 3   |  |  | COF  | RE DRI   | LLING R  | ECORE  |   | _  |
| ners Elaps  | sed   |  | Water  |   | Hole Ope  |  | Run<br>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  algorithms assistance from the food of the food | 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<br>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<br>Auger S | oon Sam<br>Sample | iple               |          | 3<br>D     |             |                         | epour Rea<br>e Content                  | -            |             | ×             |
| Datum             |  |                            |        | SPT (N<br>Dynami    | Value<br>c Cone T | est                | (        | <u>-</u>   |             | erg Limits<br>ned Tria: |   | . F          |             | -€            |
| Logge             |  |                            |        | Shelby              | Tube              |                    |          |            | % Stra      | in at Fail<br>Strength  | ure                                     |              |             | €             |
| Loggot            | onecked by   |                            |        | Vane Te             | trength b         | by                 | 5        | F<br>3     |             | ometer T                |   |              |             | •             |
| GW BOL            | SOIL DESCRIPTION   | Geod<br>Eleva<br>m<br>99.7 | ation  | Shear               |                   |                    | 60       | 80<br>kPa  | :<br>Na     | 250<br>Itural Moi       | sture Conte<br>its (% Dry \             | 750<br>ent % | o<br>≪Zn_mo | N:<br>W<br>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:<br>Borehole | data requires interpretation assistance from                     | WAT                        | TER LI | EVEL RE             | CORDS             | <br>3              | <u> </u> |            | COF         | RE DRII                 | LING RE                                 | CORD         |             |               |
| Trow befo         | ore use by others er installed upon completion.                  | Elapsed<br>Time            | L      | Water<br>evel (m)   |                   | Hole Ope<br>To (m) |          | Run<br>No. | Dept<br>(m) | :h                      | % Rec                                   |              | RQI         | D º           |
| Field wor         | k supervised by a Trow representative s on Sample Descriptions   | Completion<br>6 Days       |        | n/d<br>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<br>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 |          |                | ple         |                    |          |           |        |               |                   | our Re<br>Conter    |           |          |          | >  |
| Drill <b>T</b> | -                            | A   |                |                | -    | SPT (N<br>Dynam   |          |                | est         | _                  | С        | )<br>-    |        | -             | Limits<br>Triaxi  | al at               |           | H        |          |    |
| Datun          |                              | Assumed   | _              |                | -    | Shelby  | Tu       | be             |             |                    |          | i         | % Str  | ain a         | t Failu<br>ngth b | re                  |           |          |          | (  |
| _ogge          | ed by:                       | Checked by:   |                |                |      | Shear Vane T  |          |                | у           |                    | +<br>s   | -         |        |               | eter Te           |                     |           |          |          | 4  |
| s<br>S<br>Y    |                              |   |                | Geodetic       | P    | s   | tan      | dard Pe        | netration   | Tes                | t N Va   | alue      | Comi   | oustib<br>250 |                   | our Rea             | ding (    | ppm)     | S        | N  |
| SYMBOL         |                              | SOIL DESCRIPTION  |                | Elevation<br>m | DEPT | Shear   | 20<br>St | rength         | 40          | 60                 |          | 80<br>kPa | Att    | latura        | I Moist           | ure Con<br>s (% Dry | tent %    | 6<br>ht) | SAZP-ING | ١  |
| ₩.             | ASPI                         | HALTIC CONCRETE 40 mm   |                | 100.5<br>100.5 | 0    |   | 50       | 1<br>[:::::::: | 00          | 150                |          | 200       | 1      |               |                   | 20                  | 30        | 2.1.2    | S        | Ť, |
| $\otimes$      | FILL                         | DWAY GRANULARS-240 mm   | /_             | 100.2          |      | 3011  |          | 1001<br>1001   | 3:1:3:      | 34   33<br>31   33 | 3113     | 1000      |        |               | X                 |                     |           |          | I        |    |
|                | X-occas                      | and gravel, fine to coarse grain<br>sional cobbles, brown, moist, | ned,           |                | 1    | 0   |          |                |             |                    |          |           |        |               | 7 11              |                     |           |          | V        | 1  |
|                | (com                         | pact).<br>  |                | 99.0           |      |   | -        |                |             |                    | 2111     |           |        |               | 444               |                     |           |          |          |    |
|                | Silty                        | sand, some gravel, grey, moist<br>pact to dense).                 | ·              |                | 2    | 3313  | )<br>-   |                |             |                    |          |           |        |               | ×                 |                     |           |          | 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<br>pefore use b | uires interpretation assistance from<br>by others                 | Elapse         | WATER          |      | EVEL F<br>Water   | REC      |                | S<br>Hole O | pen                | _        | Run       |        | ORE<br>pth    | DRIL              | LING F              |           | ORD<br>T | RO       | QD |
| . Boreho       | ole backfille                | d upon completion.  | Time<br>Comple | }              |      | evel (m<br>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<br>port OTEN00018095B                 |                |                |      |   |          |                |             |                    |          |           |        |               |                   |                     |           |          |          |    |



| Projec<br>Projec   | t No. OTEN00018095B   | on CII               |        |                 |          |               |     |                      |                   |                                       | •      | ł   | Figu | ure           | No.          |                |              | 25          |                    |             | v                                     |
|--------------------|---|----------------------|--------|-----------------|----------|---------------|-----|----------------------|-------------------|---------------------------------------|--------|-----|------|---------------|--------------|----------------|--------------|-------------|--------------------|-------------|---------------------------------------|
| Location           |   |                      | ario   |                 |          |               |     |                      |                   |                                       | _      |     | She  | eet           | No.          | _              | 1_           | of _        | 1_                 |             |                                       |
|                    | rilled: August 23rd, 2005   | Mavva, Unit          | a110   |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
| Date D<br>Drill Ty |   |                      | _      | Split :<br>Auge |          | on Sa<br>mple | mpl | е                    |                   |                                       |        |     |      |               |              |                | oour f       |             | ing                |             | (                                     |
| Datum:             |   |                      |        | SPT (           |          | √alue<br>Cone | Tes | st                   | _                 | 0                                     | )<br>- |     |      | erbe<br>drair |              |                | al at        |             |                    | <del></del> | —(                                    |
| ogged              |   |                      | _      | Shelb           | у Т      | ube           |     |                      |                   |                                       |        |     | % 5  | Strai         | n at         | Failu<br>gth t | ге           |             |                    |             | (                                     |
| -ogget             | True Criecked by  |                      |        | Shea<br>Vane    |          | ength<br>t    | by  |                      |                   | +<br>S                                | -      |     |      |               |              | er Te          |              |             |                    |             | 4                                     |
| S Y M<br>B O L     | SOIL DESCRIPTION  | Geodet<br>Elevatio   | on   E | She             | 2        |               | 4(  |                      | Test<br>60<br>150 |                                       | 80     | kPa | -    | Na<br>Atter   | 250<br>tural | Moist<br>Limit | 00<br>ture C | 75<br>onter | it %<br>eight)     | SAMPLES     | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
|                    | ASPHALTIC CONCRETE 50 mm ROADWAY GRANULARS 300 mm                   | 99.8<br>99.8<br>99.5 | 0      | 300             |          |               | :   | 3.1.1.1              | 130               | : : : : : : : : : : : : : : : : : : : | 200    |     | lх   |               | Ĭ.           |                | 20           | 31<br>      |                    | j           | $\dagger$                             |
|                    | SILTY SAND Possible fill, fine to medium grained,                   |                      |        | 10.00           |          |               |     |                      |                   |                                       |        |     |      |               |              | . ( . )        | 5:1          | 0.00        | -0-5-1-<br>-0-6-1- |             | -                                     |
|                    | yellow/brown, moist, (loose to compact)                             | . 🚽                  | 1      | 0               |          |               |     |                      |                   |                                       |        | [   | D.   |               | ×            |                |              | 20          | 0.00               | 1           | 1                                     |
|                    | TILL  | 98.3                 |        |                 |          |               | - E | ouncir               | ng                |                                       |        |     | 12.3 | ×             |              |                |              |             | 961                |             |                                       |
| 81/8               | Silty sand, some gravel, grey, moist, (vedense).                    | ery 97.9             | _      |                 |          |               |     |                      |                   |                                       |        |     | 1 1  |               |              |                |              |             | : : :              |             | +                                     |
|                    | Auger refusal @ 1.9 m depth   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             | ĺ                                     |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    |   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
| TES:               |   |                      |        |                 | <u>-</u> |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    | data requires interpretation assistance from ore use by others      | WATE<br>Elapsed      |        | Water           | r        | CORE          | Н   | ole Op               |                   | -                                     | Ru     | n   |      | COR           |              | RIL            |              | Rec.        | CORE               |             | QD                                    |
| Borehole           | backfilled upon completion.   | Time<br>Completion   | L      | evet (r<br>n/d  | n)       |               |     | <u>To (m)</u><br>1.9 |                   | $\exists \mid$                        | No     |     |      | (m)           |              | +              |              |             | -                  |             |                                       |
| Field wor          | k supervised by a Trow representative                               |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
|                    | es on Sample Descriptions   |                      |        |                 |          |               |     |                      |                   |                                       |        |     |      |               |              |                |              |             |                    |             |                                       |
| This Drav          | wing to be read with Trow Consulting<br>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 Solid provided in the provided in  | —————————————————————————————————————  |
| 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  | <b>×</b> ⊕   |
| 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  Combustible Vapour Reading (p 250 500 750  Natural Moisture Content % Atterberg Limits (% Dry Weight Vane Test N Value Vane Test N Value Vane Test N Value Vane Test N Value V | <b>→</b>   |
| Datum: Assumed  Logged by: Checked by: 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  Combustible Vapour Reading (p 250 500 750  Natural Moisture Content % Atterberg Limits (% Dry Weight Vane Value)  Shear Strength by Vane Test N Value  250 500 750  Natural Moisture Content % Shear Strength by Vane Test N Value  250 500 750  Natural Moisture Content % Shear Strength by Vane Test N Value  250 500 750  Natural Moisture Content % Shear Strength by Vane Test N Value  250 500 100 150 200  10 20 30  10 20 30  10 20 30  10 20 30  10 20 30  11 20 30  Shear Strength by Vane Test N Value  250 500 750  Natural Moisture Content % Natural Moisture Content % Atterberg Limits (% Dry Weight Vane Valu | <b>A</b>   |
| 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.  |  |
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| 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<br>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<br>Time | Water<br>Level (m) | Hole Open<br>To (m) |
| Completion      | n/d                | 2.1                 |
| 6 Days          | Dry                |                     |
|                 |                    |                     |
|                 |                    |                     |
|                 |                    |                     |
|                 |                    |                     |

| -          |              | RILLING RECOF |       |
|------------|--------------|---------------|-------|
| Run<br>No. | Depth<br>(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   |            |                       | _      | Split Spo                   | on Sam   | ple            | (        | $\boxtimes$     | Comb      | ustible \                       | Vapour Rea  | ding     |              |
| Drill Type:     |   |            |                       | _      | Auger Sa<br>SPT (N)         |          |                |          | <b>I</b> )<br>O |           | al Moistu<br>erg Limi           | ure Content |          | ļ            |
| Datum:          | Assumed   |            |                       | _      | Dynamic                     | Cone T   | est            |          | <del></del>     | Undra     | ined Tri                        | axial at    |          |              |
| Logged by:      | Checked by  | :          |                       |        | Shelby T<br>Shear Str       | rength b | у              |          | <b>-</b><br>S   | Shear     | nin at Fa<br>Strengt<br>rometer | h by        |          |              |
| 8               |   |            | Γ.                    | _      | Vane Tes                    |          | netration      |          |                 |           |                                 | /apour Read | ina (nom | TST.         |
| G M B C         | SOIL DESCRIPTION  |            | Geodetic<br>Elevation | DEPTH  | 2                           | 0        |                | 60       | 80              | 1         | 250                             |             | 750      | ₩            |
| L               | HALTIC CONCRETE 25 mm   |            | m<br>100.8            | 0<br>H | Shear S                     | _        | 00             | 150      | kPa<br>200      | Atte      | rberg Lir                       |             | Weight)  | LLIES        |
| ROA             | DWAY GRANULARS 300 mm<br>Y SAND                                     |            | 100.8<br>100.5        |        |                             | 1001     |                |          |                 | ×         |                                 |             | 3:11     |              |
| Poss            | ible fill, fine to medium grained<br>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<br>Silty | sand, some gravel, grey, mois                                       |            |                       |        | -5-6-6-5-                   | 1-2-6-1  | Bouncir<br>  O | ig       |                 |           | ×                               |             |          | $\mathbb{N}$ |
| dense LIME      | STONE BEDROCK   |            | 97.8                  | 3      | 10 0 1 10 1<br>13 0 1 1 3 1 |          | 3133           | 13.37.17 |                 | 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:           |   |            |                       |        |                             |          |                |          |                 |           |                                 |             |          |              |
|                 | 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<br>Time | Water<br>Level (m) | Hole Open<br>To (m) |
| Completion      | n/d                | 3.0                 |
| 7 Days          | 3.5                |                     |
|                 |                    |                     |
|                 |                    |                     |
|                 |                    |                     |
| L               |                    |                     |

|   |            | CORE DF      | RILLING RECO | RD    |
|---|------------|--------------|--------------|-------|
|   | Run<br>No. | Depth<br>(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 Ass       | ses | sme   | ent   |                  |                   |                                       |                   |              | Figure                                | No.                            |            | 1                                       | _          |                 |
|--|---|----------------------|-----|-------|-------|------------------|-------------------|---------------------------------------|-------------------|--------------|---------------------------------------|--------------------------------|------------|---|------------|-----------------|
| Location:                                | 1666 Carling Avenue, Ottawa, Or                                       |                      | 203 | 31116 | 111   |                  |                   |                                       |                   |              | Sheet                                 | t No.                          | _1_c       | of 1                                    | _          |                 |
|  | September 28th, 2005  | KAHO                 |     | 0-111 | C:    |                  |                   |                                       | 521               |              | _                                     |                                |            |   |            | _               |
| Drill Type:                              | Ocptember 20th, 2000  |                      |     |       |       | oon Sam<br>ample | ple               |                                       | X<br>X            |              |                                       | ustible V<br>al Moistu         |            | -                                       |            | >               |
| Datum:                                   | Local   |                      | _   |       |       | Value<br>Cone T  | est               |                                       | o<br><del>-</del> |              |                                       | erg Limit<br>ined Tria         |            |   | <b> </b>   | <b>—</b> €      |
| Logged by:                               | Checked by:   |                      | _   | Shell | by T  | ube              |                   | l                                     |                   |              | % Stra                                | sin at Fai<br>Strength         | lure       |   |            | Ð               |
| Logged by.                               | Checked by  |                      |     | Shea  |       | rength b<br>st   | у                 | •                                     | +<br>s            |              |                                       | rometer '                      |            |   |            | 4               |
| SY MBO                                   | SOIL DESCRIPTION  | Depth<br>Below       | DWP |       |       | ndard Pe         | netration         | Test N \                              | /alue<br>80       |              | 1                                     | ustible Vi<br>250<br>atural Mo | 500        | 750                                     | om)        | S N<br>M<br>P   |
|  |   | Grade 100.78         | H   | She   | ear S | trength          |                   | 150                                   |                   | kPa          | Atte                                  | rberg Lin                      | nits (% Dr | y Weigh<br>30                           | :)         | L V             |
| FILL FILL                                | ICRETE~150 mm   | 100.7                |     |       |       |                  |                   |                                       |                   | : :<br>:::() | Þ                                     |                                |            |   |            |                 |
| √occa                                    | d and gravel, fine to coarse grained<br>sional cobbles, brown, moist. | 100.1                |     | b:::  | 1.7.  |                  | 2122              |                                       |                   |              | 0                                     |                                |            |   | $ \rangle$ | $\mathbb{Z}$    |
| FILL<br>Sand                             | d, fine to medium grained, light brow                                 | vn,                  | 1   | Ö     |       |                  |                   |                                       |                   |              | 5                                     |                                |            |   |            | 7               |
| mois <u>TILL</u>                         | t.  | 99.2                 |     |       |       |                  |                   |                                       |                   | 20           |                                       |                                |            |   |            |                 |
| Silty                                    | sand, some gravel, grey, moist.                                       |                      | 2   |       |       |                  |                   |                                       |                   | 30           | μ                                     |                                |            | <u> </u>                                | /          | Ŋ               |
|  |   | 4                    |     |       |       | <u> </u>         |                   |                                       |                   |              | b                                     |                                |            | 4 - 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | $ \rangle$ | $\langle  $     |
|  |   | 4                    | 3   | 333   |       |                  | 0.1.5             |                                       |                   | 33           |                                       |                                |            |   |            | 7               |
|  |   | 97.2                 |     |       |       |                  | Bouncir<br>O      | 19                                    |                   |              | þ                                     |                                |            |   | X          | $\langle$       |
| LIME                                     | STONE BEDROCK   |                      | 4   |       |       |                  | 3133              | 321                                   |                   | 30           | 3131                                  |                                |            |   |            | Ì               |
|  |   | 96.5                 | 5   |       |       |                  |                   |                                       |                   | \$ {\bar{4}} |                                       |                                |            | 8 3 8                                   |            |                 |
|  |   | 7                    |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      | 5   | 3 2 1 |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       | 1:22:                          |            |   |            |                 |
|  |   | -                    | 6   |       |       | 10000            |                   | · · · · · · · · · · · · · · · · · · · |                   |              |                                       |                                | 1 3 1 3    |   |            |                 |
|  |   | 94.1                 | Ц   |       |       |                  |                   |                                       |                   |              |                                       | 1350                           |            |   | ं ।<br>-   |                 |
|  | orehole terminated @ 6.7 m depth                                      |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
|  |   |                      |     |       | :     |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
| OTES:<br>Borehole data req               | uires interpretation assistance from                                  | WATER                | LE  | VEL   | REC   | CORDS            |                   |                                       |                   |              | CO                                    | RE DRII                        | LLING F    | RECOR                                   | .D         |                 |
| Trow before use b                        | w others  | Elapsed<br>Time      |     | Vater |       | Н                | ole Ope<br>To (m) | en                                    | Run<br>No.        |              | Dep                                   | th                             | % Re       |   |            | QD <sup>c</sup> |
|  | C   | ompletion<br>11 Days |     | 4.3   |       |                  | n/d               |                                       |                   |              | , , , , , , , , , , , , , , , , , , , |                                |            |   |            |                 |
|  | ised by a Trow representative   | ,0                   |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
| .See Notes on San<br>.This Drawing to be |   |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |
| Engineers Ltd. rep                       | e read with Trow Consulting<br>ort OTEN00018095C                      |                      |     |       |       |                  |                   |                                       |                   |              |                                       |                                |            |   |            |                 |



| Designation   |  | DUIE                          | ;11C           | <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<br>Auger S                    |            |                      | ole                       |              |            |        | bustible<br>ral Mois          |                        |                   | -                      |               | □<br>X                         |
| Drill Type:   |  |                               |                |          | SPT (N)                                | Val        | lue                  |                           | (            | _          | Atter  | berg Lir                      | nits                   |                   |                        | <u> </u>      |                                |
|   | Local  |                               |                |          | Dynamion Shelby                        |            |                      | est                       |              | -<br>I     | % St   | ained T<br>rain at F          | ailure                 | •                 |                        |               | $\oplus$                       |
| Logged by:  | Checked by:  |                               | -              |          | Shear S<br>Vane Te                     |            | igth by              | /                         | +            | -<br>S     |        | r Streng<br>stromete          |                        |                   |                        |               | •                              |
| ş   |  |                               | Depth          | р        | Sta                                    | anda       | ard Per              | netration T               | est N V      | alue       | Con    | bustible                      |                        |                   |                        | om)           | S<br>Natur                     |
| S Y M<br>B O  | SOIL DESCRIPTION   |                               | Below<br>Grade | HUMD     | Shear                                  | 20<br>Stre |                      | ιο ε                      | 50           | 80<br>kPa  | At     | 250<br>Natural I<br>terberg I | 50<br>Moistu<br>Limits | re Cont<br>(% Dry | 750<br>ent %<br>Weight | , [           | Natur<br>Unit<br>Weigl<br>kN/m |
| CONC  | CRETE~150 mm   |                               | 0.00<br>8.00   | 0        |  | 50         | 10                   | 00 1:                     | 50           | 200        |        | 10                            | 20                     | )<br>3:3:3:3      | 30                     | :::: <br>:::: | kN/m                           |
| FILL<br>Sand  | and gravel, fine to coarse grai                                    | ned,                          |                |          | :::::::::::::::::::::::::::::::::::::: |            | 9 (1)<br>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<br>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<br>  ⊙            | g            |            |        |                               |                        |                   | 32                     | Ī             | 1                              |
| \ araine  | and, some gravel, fine to med<br>ed, grey, mottles, moist, petrole |                               | 3.2<br>97.94   |          | 2012                                   |            |                      |                           |              |            |        | 3 13                          |                        | 9139              | 33                     | 7             |                                |
| odour<br>LIME:  | (very dense).<br>STONE BEDROCK                                     |                               |                | 3        | 3013                                   |            | 300                  |                           | 330          | 1112       |        | 3 13                          |                        | 9129              |                        |               |                                |
|   |  | 1                             |                |          |  |            |                      |                           | -2-0-0-2     |            |        |                               |                        |                   | 10.11                  |               |                                |
|   |  | _                             |                | 4        | 3:13                                   |            | 36.6                 | : 4:1:3:4:<br>: \$1:3:5:  | 3043         | 1100       |        | 3 113                         |                        |                   |                        |               | 1                              |
|   |  | -                             |                |          |  |            |                      |                           |              |            |        |                               |                        |                   |                        |               | l                              |
|   |  | 4                             |                | 5        | 9019                                   |            | 9 (1.12)<br>9 (1.14) |                           | 3863         |            |        | 2 11 2<br>6 4 6               |                        |                   | 20                     |               |                                |
|   |  | _                             |                |          | 20112                                  |            |                      |                           | 12 (11 11 11 | -1.1       | 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:<br>1. Borehole data requ<br>Trow before use by             | uires interpretation assistance from y others                      |                               | WATER          |          |  | ECC        |                      |                           | , , ,        | Pus        | ,      | ORE D                         | RILL                   | ING R             |                        |               | RQD %                          |
| 2. Piezometer installe  |  | Elapsed<br>Time<br>Completion |                |          | Water<br>vel (m)<br>3.0                |            | -                    | lole Ope<br>To (m)<br>n/d | ""           | Run<br>No. |        | epth<br>m)                    | +                      | 70 IXB            | ·                      |               | .WD %                          |
| 2 Ciold week  | and hu a Tray constant   | 10 Days                       |                |          | 3.5                                    |            |                      | ni u                      |              |            |        |                               |                        |                   |                        |               |                                |
| <ol> <li>Field work supervis</li> <li>See Notes on Sam</li> </ol> | sed by a Trow representative uple Descriptions                     |                               |                |          |  |            |                      |                           |              |            |        |                               |                        |                   |                        |               |                                |
| 5. This Drawing to be   | read with Trow Consulting<br>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<br>T                 |                     | Combu                                    |                             |                |        | ing     |                  |                   |
| Drill Type:  |                       | _   |             | ger S<br>T (N)  |             |              |                      |          | I)<br>0                |                     | Natural<br>Atterbe                       |                             |                | ntent  |         | <b></b> -        | <b>×</b><br>⊕     |
| Datum: Local   |                       | _   |             | namio<br>elby 1 |             |              | est                  | _        | _                      |                     | Undrair<br>% Strair                      |                             |                | t      |         |                  | $\oplus$          |
| Logged by: Checked   | by:                   |     | She         | ear S<br>ne Te  | treng       |              | у                    |          | <del>-</del><br>+<br>s |                     | Shear S<br>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<br>Grade        | E   |             | hear :          | 20<br>Stron |              | 10                   | 60       | 80                     | Pa                  |  | !50<br>tural Mo<br>berg Lir | 500<br>pisture |        | ot %    | SAMPLES          | Nati<br>Ur<br>Wei |
| ASPHALTIC CONCRETE 50 m  | 100.'8                | Ĥ   | - 1         |                 | 50          | -            | 00 1                 | 50       | 200                    | ra                  |  | 10                          | 20             | 3      | 0       | E<br>S           | Wei<br>kN/        |
| BLIND DRILL  Large cobble, air drilled through                                     |                       |     |             |                 |             |              |                      |          |                        |                     | 3003                                     |                             |                |        | 300     |                  |                   |
| Large cobble, all diffied though   | _                     |     |             |                 |             |              |                      |          |                        | : ( :<br>:- ( -     |  |                             |                | 133    | 201     |                  | ,                 |
|  |                       | '   | 3           |                 |             |              |                      |          |                        |                     |  |                             |                |        |         | X                |                   |
| ——————————————————————————————————————   | 99.0                  |     |             |                 |             |              | 0100                 |          |                        |                     | 7  |                             |                |        |         |                  |                   |
| TILL<br>Silty sand, some gravel, fine to   | medium 7 98.8         | 2   |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         | $\mathbb{P}$     |                   |
| \drained, grey, moist, (very dense COBBLES   |                       |     | 1.5         |                 |             |              |                      |          |                        | : : : :<br>:: : : : | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |                             |                | 100    | - 311   | $\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                                     |                             |                |        |         |                  |                   |
| <del>}</del>   | _                     |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       | 5   | 333         |                 |             |              | 3133                 |          |                        |                     | 2022                                     |                             |                |        | 201     |                  |                   |
| <u>-                                    </u>                                       |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  | -                     | 6   | -2-3        |                 |             | 1: i:        |                      |          |                        |                     | 0.000                                    |                             |                |        | 0.011   |                  | ı                 |
| Borehole terminated @ 6.9  | 94.3<br>m depth       |     | 10.0        | - 1 - 3 -       |             | ####<br>#### | 8138                 |          |                        |                     | 3000                                     |                             |                | 3 (-   | 334     |                  | ı                 |
|  |                       | +   | 125 3       | 11:2:           |             | 111          |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
|  |                       |     |             |                 |             |              |                      |          |                        |                     |  |                             |                |        |         |                  |                   |
| DTES:  |                       | _   |             |                 |             |              |                      |          |                        | لت.                 |  |                             |                | 0 = 1  |         |                  |                   |
| Borehole data requires interpretation assistance from<br>Trow before use by others | Elapsed               |     | Wat         | ter             | -00         |              | lole Ope             | en       | Run                    | 1                   | Dept                                     |                             |                | G RE   |         |                  | QD %              |
| Piezometer installed upon completion.  | Time<br>Completion    | L   | evel<br>n/a |                 | $\dashv$    |              | <u>To (m)</u><br>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             | WATER LEVEL RECO   |                     |  |  |  |  |  |  |
|---|-----------------|--------------------|---------------------|--|--|--|--|--|--|
|   | Elapsed<br>Time | Water<br>Level (m) | Hole Open<br>To (m) |  |  |  |  |  |  |
| Γ | Completion      | n/d                | n/d                 |  |  |  |  |  |  |
|   | 12 Days         | 3.4                |                     |  |  |  |  |  |  |
|   |                 |                    |                     |  |  |  |  |  |  |
|   |                 |                    |                     |  |  |  |  |  |  |
|   |                 |                    |                     |  |  |  |  |  |  |
| L |                 |                    |                     |  |  |  |  |  |  |

|            | CORE DRILLING RECORD |        |       |  |  |  |  |  |  |  |
|------------|----------------------|--------|-------|--|--|--|--|--|--|--|
| Run<br>No. | Depth<br>(m)         | % Rec. | RQD % |  |  |  |  |  |  |  |
|            |                      |        |       |  |  |  |  |  |  |  |
|            |                      |        |       |  |  |  |  |  |  |  |
|            |                      |        |       |  |  |  |  |  |  |  |
|            |                      |        |       |  |  |  |  |  |  |  |

#### Borehole Log F17R



| Project No.  | OTEN00018095C                        | ) <del>   </del>        | . –   |                   | - 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.    | —<br>⊗          | 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)<br>ynamid  | value<br>Cone T   | est    |       | <b>-</b>        | Und   | draine                | j Limits<br>ed Triax       | ial at                |        | -        | ( |
| Logged by:   | Checked by:                          |                         |       | helby 1<br>hear S | Tube<br>trength b | ογ     | •     | <del> </del>    | She   | ear St                | at Failu<br>rength         | эу                    |        |          | , |
| ·  |                                      |                         |       | ane Te            | st                |        |       |                 |       |                       | neter T                    |                       |        |          | • |
| GW L BO L  | SOIL DESCRIPTION                     | Depth<br>Below<br>Grade | DEPTH | Shear S           | 20<br>Strength    |        | 60    | 80<br>kP<br>200 |       | 25<br>Natu<br>Atterbe | 0<br>Iral Mois<br>erg Limi | ture Cont<br>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 |                       |                            |                       |        |          |   |
| <b>-</b>   |                                      | -                       | 1     |                   |                   |        |       |                 |       |                       |                            |                       |        |          |   |
|  |                                      |                         |       |                   |                   |        |       |                 |       |                       |                            |                       |        |          |   |
| <b>X</b>   |                                      | 98.5                    | 2     |                   |                   |        |       |                 |       |                       |                            |                       |        |          |   |
| TILL<br>Silty:   | sand, some gravel, grey, moist.      | _                       |       | 6.1.1             |                   |        | 12221 |                 |       |                       |                            |                       |        | -        |   |
| 927/2  | Auger refusal @ 2.9 m depth          | 97.9                    |       |                   |                   |        |       |                 |       |                       |                            |                       |        |          | - |
|  |                                      |                         |       |                   |                   |        |       |                 |       |                       |                            |                       |        |          |   |
| OTES:<br>Borehole data requ<br>Trow before use b             | uires interpretation assistance from | WATER                   |       |                   |                   |        |       |                 | (     | CORE                  | DRIL                       | LING R                |        | )        |   |
| Borehole backfilled  | upon completion.                     | Elapsed<br>Time         | Leve  | ater<br>el (m)    |                   | To (m) | en    | Run<br>No.      |       | epth<br>(m)           | $\overline{\bot}$          | % Red                 | ).<br> | RQ       | D |
| See Notes on Sam   | sed by a Trow representative         | completion<br>n/d       |       | /d<br>/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<br>No. | Depth<br>(m) | % Rec. | RQD % |
|------------|--------------|--------|-------|
|            |              |        |       |
|            |              |        |       |
| -          |              |        |       |
|            |              |        |       |



| Projec<br>Projec                           |  | onmantal Sita As                 | eessment                                 |                            |             | Figure No.                           | 5   |         |
|--|--|----------------------------------|--|----------------------------|-------------|--------------------------------------|---|---------|
| Location                                   |  |                                  | sessment                                 |                            |             | Sheet No.                            | 1 of 1  |         |
|  | rilled: September 28th, 2005   | a, Ontano                        |  |                            |             |                                      |   |         |
|  | no:  |                                  | Split Spo<br>Auger Sa                    | on Sample<br>ample         | ⊠<br>000    | Combustible V<br>Natural Moistu      | apour Reading<br>re Content   |         |
| Drill Ty<br>Datum:                         |  |                                  | — SPT (N)                                |                            | 0           | Atterberg Limit                      | s   | I       |
| Datum:                                     |  |                                  | Shelby T                                 |                            |             | Undrained Tria<br>% Strain at Fa     | llure   | (       |
| Logged                                     | I by: Checked by:  | <u> </u>                         | Shear St<br>Vane Tes                     | rength by<br>st            | +<br>s      | Shear Strength<br>Penetrometer       |   |         |
| SY M BO L                                  | SOIL DESCRIPTION   | Depth<br>Below<br>Grade          | D<br>E<br>P<br>2<br>T<br>Shear S         | trength                    | 80<br>. kPa | 250<br>Natural Mo<br>a Atterberg Lin | apour Reading (pprr<br>500 750<br>isture Content %<br>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<br>-0                                 |                            |             |                                      |   | Ä       |
|  | _ <b>TILL</b><br>_Silty sand, some gravel, grey, mois  | t                                | 2 6                                      | Bouncing                   |             |                                      |   |         |
|  | Auger refusal @ 2.3 m deptl  | 98.4                             | ( ± 5 ± 5 ± 5 ± 5 ± 5 ± 5 ± 5 ± 5 ± 5 ±  |                            |             |                                      | :   : : : :   |         |
|  |  |                                  |  |                            |             |                                      |   |         |
| 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<br>Water<br>Level (m)<br>n/d | CORDS Hole Open To (m) n/d | Run<br>No.  | CORE DR Depth (m)                    | ILLING RECORE<br>% Rec.   | RQD     |



| Project N                                     | No. OTEN00018095C   | ) CII                                     | O I   |  |                | 9 5                          |                       | 2                   |                         |   | T          | · <b>·</b> | ΓU       | ,  |
|---|---|---|-------|--|----------------|------------------------------|-----------------------|---------------------|-------------------------|---|------------|------------|----------|----|
| Project:                                      | Supplemental Phase II Environmen  | ital Site As                              | ses   | sment                                    |                |                              |                       |                     | Figure N                |   |            |            |          |    |
| Location                                      |   |   |       |  |                |                              |                       |                     | Sheet N                 | o. <u>1</u>                                     | _ of _     | 1_         |          |    |
|   | led: September 28th, 2005   |   |       | Split Sp                                 | non Sar        | nnlo                         |                       | <br>⊠               | Combusti                | ble Vasav                                       | D          | _          |          | ,  |
| Drill Type                                    |   |   | _     | Auger S                                  | ample          | npie                         |                       | I)                  | Natural M               |   |            | g          |          |    |
| Datum:  | Local   |   |       | SPT (N<br>Dynami                         |                | Test                         |                       | <u> </u>            | Atterberg<br>Undrainer  |   | at         | ŀ          |          | ٠, |
| Logged b                                      |   |   |       | Shelby Shear S                           |                | hv                           | 1                     | <b>■</b><br>上       | % Strain a<br>Shear Str |   |            |            |          |    |
| 39  | onodiod by.   | na.urea                                   |       | Vane Te                                  |                | uy                           |                       | <del> </del><br>  S | Penetrom                |   |            |            |          |    |
| SYMBOL  | SOIL DESCRIPTION  | Depth<br>Below<br>Grade                   | DEPTH | Shear                                    | 20<br>Strength |                              | Test N V<br>60<br>150 | 80<br>kPa<br>200    | 250                     | ble Vapou<br>500<br>al Moisture<br>rg Limits (9 | 750        |            | SAMP-JES |    |
| - XXX <u>I</u>                                | CONCRETE~150 mm   | 100.8                                     | 0     | 3 4 1 6                                  |                |                              |                       |                     |                         |   |            | 414        | Ĭ        |    |
|   | Sand and gravel, fine to coarse grained, greyish brown, moist.              | 100.1                                     |       |  |                |                              |                       |                     |                         |   | 111111     | 212        | M        |    |
| XXX   3                                       | FILL<br>Sand, fine to medium grained, light                                 |   | 1     |  |                |                              |                       |                     |                         |   |            |            |          |    |
|   | rellowish brown, moist.   | 99.4                                      |       | .5 (.1.)                                 |                |                              |                       |                     | 0                       |   |            | 5112       |          |    |
|   | Silty sand, some gravel, fine to medium grained, grey, moist, (very dense). | -   | 2     | 2510                                     |                |                              |                       |                     |                         |   |            | 010        | X        |    |
|   |   | -   |       | -2 (-1-)                                 |                |                              |                       |                     |                         |   | 1110 21 12 | 1.1.2.     | M        |    |
| 26/28   | Auger refusal @ 2.9 m depth   | 98.0                                      |       | ****                                     |                |                              | 1 1 1 1               |                     |                         |   | 111111     |            |          |    |
|   |   |   |       |  |                |                              |                       |                     |                         |   |            |            |          |    |
| Borehole bar<br>Field work su<br>See Notes of | ckfilled upon completion. T   | WATER<br>apsed<br>Time<br>npletion<br>n/d | Le    | VEL RE<br>Vater<br>vel (m)<br>n/d<br>n/d |                | S<br>Hole Op<br>To (m<br>n/d |                       | Run<br>No.          | CORE<br>Depth<br>(m)    | DRILLIN 9                                       | NG REC     |            | RQD      |    |



| 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  | 4110            |       |              | _          |                 |              |        | ~~~                      |   |                 |                 |                | _                    |                  |        | ~                                 |
| Drill Type                        |  |                 | _     |              |            | on Sam<br>ample | ple          |        |                          |   |                 |                 |                | pour Re<br>Conter    | -                |        | ×                                 |
| Datum:                            |  |                 | _     |              |            | Value<br>Cone T | est          |        | 0                        |   | Allerb<br>Undra |                 |                |                      |                  | -      | —                                 |
|                                   | Local  |                 |       | Shell        | by Т       | ube             |              |        |                          |   | % Stra          | ain at          | Failu          | ire                  |                  |        | $\oplus$                          |
| Logged b                          | y: Checked by:   |                 |       | Shea<br>Vane |            | rength b<br>st  | У            |        | +<br>s                   |   | Shear<br>Peneti |                 |                |                      |                  |        | •                                 |
| S S                               |  | Depth           | D     |              | Sta        | ndard Pe        | netration    | Test N | Valu                     | e                                       |                 | ustible<br>250  |                | our Rea              | ding (pp         | m)     | Š Natura                          |
| SYMBOL SYMBOL                     | SOIL DESCRIPTION   | Below<br>Grade  | DWPTI | She          | 2<br>ear S | 0 -             | 40           | 60     | 80                       | kPa                                     | - N<br>Atte     | atural<br>rberg | Mois!<br>Limit | ture Con<br>s (% Dry | tent %<br>Weight | )      | Naturi<br>M Unit<br>Weigh<br>KN/m |
| <b>₩</b>                          | ASPHALTIC CONCRETE 50 mm   | 100.77<br>100.7 | 0     |              | 5          | 0 1             | 00 1         | 150    | 20                       | 0                                       |                 | 10              | <u>;</u>       | 20                   | 30               |        | kN/m                              |
|                                   | F <u>ILL</u><br>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 |                 |                 |                |                      |                  | \      | $\Lambda$                         |
|                                   | Possible fill, fine to medium grained, rellow/brown, moist.  | 99.5            |       |              |            |                 | 8193         |        |                          |   |                 |                 |                |                      |                  |        |                                   |
|                                   | TILL<br>Silty sand, some gravel, grey, moist.  | _               |       | 200          |            | . O             |              |        |                          |   |                 |                 |                |                      |                  | /      |                                   |
|                                   | my cana, como gravor, groy, moist.   |                 | 2     | 33           |            |                 |              |        | D;                       |   | D               |                 |                |                      |                  |        | $\langle$                         |
|                                   |  | 97.8            |       | 12.5         |            |                 | Bouncir<br>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             | <br>RD |                                   |
|                                   | use by others  | lapsed<br>Time  | ١     | Wate         | r          |                 | Hole Ope     |        |                          | Run<br>No.                              | Dep<br>(m       | ith             | T              | % Re                 |                  |        | QD %                              |
| 2. EUTERIOIE DA                   | onlines open completion:   | mpletion<br>n/d |       | n/d<br>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<br>Auger |                  | n Samı        | ole                |          | X<br>ID                         |           |       |               |                      | pour Rea                     | -                |             | [<br>  <b>X</b> |
| Orill Ty          |   |                   |      | SPT (N           | ۷) V             | alue          |                    |          | D                               |           |       |               | yloistur<br>9 Limits | e Conten                     | .(               | <b>—</b>    | <del>_</del>    |
| Datum:            | <del></del>   | ~~~~              | _    | Dynam<br>Shelby  |                  | Cone Te<br>be | est                |          |                                 |           | % SI  | train         | ed Tria:<br>at Fail  | ure                          |                  |             | Ð               |
| _ogged            | d by: Checked by:   |                   |      | Shear<br>Vane T  |                  | ength b       | У                  | -        | †-<br>S                         |           |       |               | rength<br>neter T    |                              |                  |             | 4               |
| s<br>S Y          |   | Depi<br>Belo      | h    | s                | itan             | dard Pe       | netration          | Test N V | 'alue                           |           | Con   | nbus<br>25    |                      | pour Read                    | ding (pp         | m)          | S<br>A<br>M     |
| SYMBOL            | SOIL DESCRIPTION  | Grac<br>100.17    | - 1  | 7                | 20<br>r St<br>50 | rength        |                    | 50       | 80<br>200                       | kPa       | At    | Natu<br>tterb |                      | sture Con<br>ts (% Dry<br>20 | tent %<br>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<br>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<br>n         |      | ,                |                  | <u> </u>      | 1 1 1 1 1          | 1200     | 7 - <del>1</del> - <del>1</del> | 1111      |       |               | 100                  | 1:::::                       | 1 1 1            | $\top$      | 1               |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
|                   |   |                   |      |                  |                  |               |                    |          |                                 |           |       |               |                      |                              |                  |             |                 |
| OTES:<br>Borehole | data requires interpretation assistance from              | WAT               | ER L | EVEL R           | REC              | ORDS          |                    |          |                                 |           | C     | OR            | E DRI                | LING F                       | RECOF            | <br>RD      |                 |
| Trow bef          | ore use by others  backfilled upon completion.            | Elapsed<br>Time   | [    | Water<br>evel (m | <u> </u>         | 1             | lole Ope<br>To (m) |          |                                 | un<br>lo. |       | epth<br>m)    |                      | % Re                         | c.               | R           | RQD             |
| 20,01016          |   | Completion<br>n/d |      | n/d<br>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                                  | 1_ of                     | _1_   |              |                      |
| Location:  | 1666 Carling Avenue, Ottawa, Onta                             | ario                       |       |                          |   |                          |         |            |              |                                     |                           |       |              |                      |
|  | September 28th, 2005  |                            | _     | Split Spo<br>Auger Sa    |   | nple                     | 0       |            |              |                                     | pour Rea<br>e Content     |       |              | ×                    |
| Drill Type:  |   |                            | _     | SPT (N)<br>Dynamic       |   | raet                     |         | )          |              | rg Limits                           |                           | i     | -            | 0                    |
| Datum:   | Local   |                            | _     | Shelby T                 | ube   |                          | 1       |            | % Straii     | ied Triax<br>n at Faild<br>Strength | ıre                       |       |              | <b>⊕</b>             |
| Logged by:   | Checked by:   |                            |       | Shear St<br>Vane Te      |   | by                       | +       | F<br>3     |              | meter T                             |                           |       |              | •                    |
| S > M BO L   | SOIL DESCRIPTION  | Depth<br>Below<br>Grade    | DEPTH | Shear S                  | 0<br>Strength                               |                          | 60      | 80<br>kPa  | Na<br>Atteri | 50<br>tural Mois<br>perg Limi       | ture Conte<br>ts (% Dry \ | 750   | SAMPLES      | Nat<br>U<br>We<br>kN |
| lIl  | HALTIC CONCRETE 50 mm   | 100.77                     | 0     | 5                        | 0   |                          | 150     | 200        |              | 10                                  | 20                        | 30    | S            |                      |
| Sand   | and gravel, trace silt, fine to coarse ed, dark brown, moist. | 100.1                      |       | -5-6-1-5-                | - 1 - 5 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 | - 5:135                  |         |            |              |                                     | 1 1 1 1 1 1               | 200   |              |                      |
| SILT   | Y SAND ible fill, fine to medium grained,                     | 99.5                       | 1     |                          |   |                          |         |            |              |                                     | 1000                      |       | X            |                      |
| yellov   | w/brown, moist.   | _{-}{                      |       | 0                        |   |                          |         |            |              |                                     |                           |       | $\mathbb{X}$ |                      |
| Sand<br>mottl                                      | y silt, some sand and gravel, grey,<br>es, moist,.            | -                          | 2     | 13 (-113                 |   | Bouncir                  | 19      |            |              |                                     |                           | 2001  |              |                      |
| _  |   | -                          |       |                          |   | Bouncir                  | )<br>19 |            |              |                                     |                           |       | M            | 1                    |
|  | Auger refusal @ 3.0 m depth                                   | 97.7                       | - 3   | 3 (113)                  | 1113 (11                                    | 0                        |         |            |              |                                     |                           | 10010 | Ν            | -                    |
|  |   |                            |       |                          |   |                          |         |            |              |                                     |                           |       |              |                      |
| NOTES:<br>1.Borehole data red<br>Trow before use t | quires interpretation assistance from                         |                            |       | EVEL RE                  | CORD  |                          |         |            |              |                                     | LING RI                   |       |              |                      |
|  | d upon completion.  | lapsed<br>Time<br>mpletion |       | Water<br>evel (m)<br>n/d | _   | Hole Op<br>To (m)<br>n/d |         | Run<br>No. | Dept<br>(m)  |                                     | % Red                     | ;.    | RC           | QD %                 |
| 1.See Notes on Sar                                 | ised by a Trow representative                                 | n/d                        |       | n/d                      |   | 1 M G                    |         |            |              |                                     |                           |       |              |                      |

| WAI             | EK LEVEL KECK      | אלאל                |
|-----------------|--------------------|---------------------|
| Elapsed<br>Time | Water<br>Level (m) | Hole Open<br>To (m) |
| Completion      | n/d                | n/d                 |
| n/d             | n/d                |                     |
|                 |                    |                     |
|                 |                    |                     |
|                 |                    |                     |
|                 | ****               |                     |

|            | CORE DE      | RILLING RECO | RD    |
|------------|--------------|--------------|-------|
| Run<br>No. | Depth<br>(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<br>ontent   | ung                                    |          | )                                     |
| Dat          |              |                          | Local  |               | *************************************** |             | SPT (N<br>Dynam   |     |         | est              |                            | <u> </u>       |                 | U   | ndrair             | rg Lim<br>ned Tri   | axial |                    |  | <b>—</b> |                                       |
|              |              | l by:                    | Checked by   | •             |   |             | Shelby<br>Shear S |     |         | v                |                            | +              |                 | Sł  | near S             | in at Fa<br>Strengt | h by  |                    |  |          | •                                     |
| Ŭ            |              |                          |  |               |   |             | Vane T            |     |         | y                |                            | +<br>s         |                 | Pe  | enetro             | ometer              | Test  |                    |  |          | 4                                     |
| G& L         | SYMBOL       |                          | SOIL DESCRIPTION   |               | Depth<br>Below<br>Grade                 | THAWO       | Shear             | 20  | rength  | netratio         | 60<br>150                  |                | ue<br>80<br>kPa | _   | Na<br>Atter        | 250                 | 500   | e Conte<br>% Dry V | ng (ppm<br>50<br>nt %<br>Veight)<br>30 | OAML-ING | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| ×            | $\bigotimes$ | ASPI-<br>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                                   |             |                   |     | 1.2.5.1 |                  | 2 22                       |                |                 |     |                    |                     |       |                    | 3 3 3 3                                |          |                                       |
| 8            | ▓            | - <u>SILT)</u><br>Possil | <b>' SAND</b><br>ble fill, fine to medium grained  |               |   | 1           | 0                 |     |         |                  | 0 12 0<br>1 11 1<br>2 13 3 | (*) :<br>(:) : |                 |     |                    |                     |       |                    |  | X        | 1                                     |
|              | ▓            | - yellow                 | //brown, moist.  | -             | 99.0                                    |             | Ö                 |     |         |                  |                            |                |                 | b   |                    |                     |       |                    |  | X        |                                       |
|              |              | - <u>TILL</u><br>Sandy   | silt, some sand and gravel, o  | grey,         | 1                                       | 2           |                   |     |         | Bounc            | ıng                        |                |                 | P   | (1) (1)<br>(4) (1) |                     |       |                    | 331                                    | X        | 1                                     |
|              |              | _mottle                  | s, moist, strong petroleum od  | lour          | -                                       |             | -2-0-1-2          |     | 12 5-1- | Bounc            | ing                        |                |                 |     |                    |                     |       |                    |  |          |                                       |
| /2           | 1861         |                          | Auger refusal @ 3.0 m deptl  | h             | 97.9                                    | $\parallel$ | -5 1 - 5          | +   |         |                  |                            |                |                 |     |                    |                     |       |                    |  | 7        | +                                     |
|              |              |                          |  |               |   |             |                   |     |         |                  |                            |                |                 |     |                    |                     |       |                    |  |          |                                       |
| OTES<br>Bore | hole         | data requ<br>re use by   | ires interpretation assistance from  |               | WATER                                   |             |                   | EC  |         |                  |                            |                |                 |     |                    |                     |       |                    | CORD                                   | )        |                                       |
|              |              | •                        | upon completion.   | Elapse        | <u> </u>                                | Le          | Vater<br>vel (m)  |     | T       | lole Or<br>To (m |                            |                | Run<br>No.      |     | Dept<br>(m)        |                     | Q     | % Rec              |  | RQ       | ΔD                                    |
| See I        | Notes        | on Samp                  | ed by a Trow representative  De Descriptions  read with Trow Consulting rt OTEN00018095C | Comple<br>n/d |   |             | n/d<br>n/d        |     |         | n/d              |                            |                |                 |     |                    |                     |       |                    |  |          |                                       |



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



Bentonite

Silica Sand

Sreen

Sample Type

**Dual Tube** 

Materials

Asphalt

Fill

Sand

Silty Sand

Sand & Gravel

Sand & Silt

Sandy Silt



Bedrock

#### **Notes**

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

RQD Rock Quantity Designation

MBGS Meters Below Ground Surface

MASL Meters Above Sea Level

CCGD Catalytic Combustible Gas Detector

PID Photoionization Detector

PAH Polycyclic Aromatic Hydrocarbons

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

Canadian Tire Real Estate Limited

Report Title

CTR 290 - 1660 Carling Avenue, Ottawa

Phase II Environmental Site Assessment

Drawing Title

**Borehole Logs Legend & Notes** 

J.M.
Approved By
C.F.S.
Scale

A.K.

NA Borehole Logs
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Project No.

2022/06/07

02202032

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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

|             | (m)             | (m) le          | on                   | (E)                               |          | Material Description                                     |          | be          | Recov.          | CCGD   | / PID  |          | alysis   | or labor | atory a  | nalysis  | Remarks                                      |
|-------------|-----------------|-----------------|----------------------|-----------------------------------|----------|--|----------|-------------|-----------------|--------|--------|----------|----------|----------|----------|----------|--|
| Deptn (m)   | Elevation (m)   | Water level (m) | Well<br>construction | <i>Depth (m)</i><br>Elevation (m) | Symbol   |  | Sample # | Sample Type | % Sample Recov. | CCGD   | PID    | PAHs     | PHC/BTEX | Metals   | VOCs     | Others   |  |
| ).5         | 78<br><br>      |                 |                      | 0<br>78.04<br>0.1<br>77.94        | <i>-</i> | ASPHALT FILL - gravel, some sand, light grey, dry, loose | SS1      |             | 100             | NM     | NM     |          |          |          |          |          |  |
|             | -<br>-77<br>-   |                 |                      | <i>0.75</i><br>77.29              | 1        | SAND & SILT - trace gravel, brown, damp, loose           | SS2      |             | 100             | NM     | NM     |          |          |          |          |          |  |
| .5          | -               |                 |                      |                                   |          |  | BH22-01  |             | 100             | <5 ppm | <1 ppm | <b>✓</b> | <b>✓</b> | <b>~</b> | <b>✓</b> | <b>✓</b> |  |
| .0 .5 .0 .5 | - 76<br>-<br>-  | 75.56           |                      | <i>2</i><br>76.04                 |          | BEDROCK - limestone, fractured                           |          |             |                 |        |        |          |          |          |          |          | Groundwater level measure<br>on May 3, 2022. |
| .0          | <del>-</del> 75 |                 |                      |                                   |          |  |          |             |                 |        |        |          |          |          |          |          |  |
| .0          | - 74<br>-       |                 |                      |                                   |          |  |          |             |                 |        |        |          |          |          |          |          |  |
| .0          | - 73<br>-       |                 |                      |                                   |          |  |          |             |                 |        |        |          |          |          |          |          |  |
| .0          | -               |                 |                      |                                   |          |  |          |             |                 |        |        |          |          |          |          |          |  |



# 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

|           |               | _               |                      |                                   |        | Material Description                                     |          |             |                 |        | ion 78.15<br>O / PID |          | lysis    |          |          |          | Remarks                                   |
|-----------|---------------|-----------------|----------------------|-----------------------------------|--------|--|----------|-------------|-----------------|--------|----------------------|----------|----------|----------|----------|----------|---|
| <u></u>   | (m)           | vel (m          | tion                 | (m)                               |        | Material Description                                     | _        | ype         | Reco            | CCGL   | טוץ קי               |          | itted fo |          | ratory a | inalysis |   |
| Depth (m) | Elevation (m) | Water level (m) | Well<br>construction | <i>Depth (m)</i><br>Elevation (m) | Symbol |  | Sample # | Sample Type | % Sample Recov. | CCGD   | PID                  | PAHs     | PHC/BTEX | Metals   | VOCs     | Others   |   |
| 0.5       | - 78<br>-     |                 |                      | 0<br>78.15<br>0.1<br>78.05        | ⁻‱     | ASPHALT FILL - gravel, dry, loose, light brown           | SS1      |             | 100             | NM     | NM                   |          |          |          |          |          |   |
| 1.0       | -<br>-<br>77  |                 |                      | 0.75<br>77.4<br>1.2<br>76.95      |        | SAND - trace gravel, damp, soft SAND & GRAVEL - dry      | BH22-02B |             | 100             | <5 ppm | <1 ppm               |          | <b>✓</b> |          |          |          |   |
| 1.5       | _             |                 |                      | 1.7<br>76.45<br>1.8<br>76.35      | 7/     | - black, seam<br>SAND & SILT - damp, firm, some organics | BH22-02  |             | 100             | <5 ppm | <1 ppm               | <b>✓</b> | <b>✓</b> | <b>✓</b> | ~        | <b>✓</b> | Other: Glycols                            |
| 2.5       | 76<br>        | <u></u>         |                      | 2.1<br>76.05                      |        | BEDROCK - limestone                                      |          |             |                 |        |                      |          |          |          |          |          | Groundwater level measure on May 3, 2022. |
| 3.0       | -<br>- 75     | 75.50           |                      |                                   |        |  |          |             |                 |        |                      |          |          |          |          |          | On May 3, 2022.                           |
| 3.5       | -             |                 |                      |                                   |        |  |          |             |                 |        |                      |          |          |          |          |          |   |
| 4.0       | -<br>74<br>-  |                 |                      |                                   |        |  |          |             |                 |        |                      |          |          |          |          |          |   |
| 4.5       | -             |                 |                      |                                   |        | End of Borehole at 4.6 m.                                |          |             |                 |        |                      |          |          |          |          |          |   |
| 5.0       | -<br>73<br>-  |                 |                      |                                   |        |  |          |             |                 |        |                      |          |          |          |          |          |   |
| 5.5       | -             |                 |                      |                                   |        |  |          |             |                 |        |                      |          |          |          |          |          |   |
| 6.0       | -<br>-72      |                 |                      |                                   |        |  |          |             |                 |        |                      |          |          |          |          |          |   |

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# **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

|               | m)            | (m)             | no                | æ)                                |        | Material Description                                 |          | )e          | ecov.           | CCGD   | / PID  |      | alysis   |          | ratory a | nalveie | Remarks  |
|---------------|---------------|-----------------|-------------------|-----------------------------------|--------|--|----------|-------------|-----------------|--------|--------|------|----------|----------|----------|---------|--|
| Depth (m)     | Elevation (m) | Water level (m) | Well construction | <i>Depth (m)</i><br>Elevation (m) | Symbol |  | Sample # | Sample Type | % Sample Recov. | CCGD   | DIA    | PAHs | PHC/BTEX | Metals   | NOCS     | Others  |  |
| 0.5           | - 78          |                 |                   | 0<br>78 19                        |        | ASPHALT FILL - sandy gravel, dry, loose, light brown | SS1      |             | 100             | NM     | NM     |      |          |          |          |         |  |
| -             | -77           |                 |                   |                                   |        | - Silty  | BH22-03  |             | 100             | 15 ppm | <1 ppm | ~    | <b>✓</b> | <b>✓</b> | <b>✓</b> | ~       | Other: Glycols, pH, Grain Si:<br>Duplicate: Dup-01 |
| 2.0           | -76           |                 |                   | 1.6<br>76.59                      |        | SANDY SILT - trace gravel, damp, grey. firm          | BH22-03B |             | 100             | 10 ppm | <1 ppm |      | ✓        |          |          |         |  |
| 2.5           |               | •               |                   |                                   |        |  | 554      |             | 100             | NM     | NM     |      |          |          |          |         |  |
| 3.0           | - 75          | 75.48           |                   | 2.7<br>75.49                      |        | BEDROCK - limestone                                  |          |             |                 |        |        |      |          |          |          |         | Groundwater level measure<br>on May 3, 2022.       |
| 3.5           |               |                 |                   |                                   |        |  |          |             |                 |        |        |      |          |          |          |         |  |
| 4.0 -         | -74           |                 |                   |                                   |        |  |          |             |                 |        |        |      |          |          |          |         |  |
| 4.5           | - 73          |                 |                   |                                   |        |  |          |             |                 |        |        |      |          |          |          |         |  |
| -<br>5.5<br>- |               |                 |                   |                                   |        |  |          |             |                 |        |        |      |          |          |          |         |  |
| 6.0           |               |                 |                   |                                   |        |  |          |             |                 |        |        |      |          |          |          |         |  |

Template: DST - ENVIRONMENTAL LOG SHEET A1 Date: June 7, 2022



# 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

| m)        | on (m)         | Water level (m) | ıction               | <i>m)</i><br>on (m)               |          | Material Description                          | #        | Туре        | % Sample Recov. | CCGE   | ) / PID |      |          | or laboi | ratory a | nalysis | Remarks                                     |
|-----------|----------------|-----------------|----------------------|-----------------------------------|----------|---|----------|-------------|-----------------|--------|---------|------|----------|----------|----------|---------|---|
| Deptn (m) | Elevation (m)  | Water           | Well<br>construction | <i>Depth (m)</i><br>Elevation (m) | Symbol   |   | Sample # | Sample Type | % Samp          | CCGD   | PID     | PAHs | PHC/BTEX | Metals   | VOCs     | Others  |   |
| 1.5       | 78<br>         |                 |                      | 0<br>78.22<br>0.1<br>78.12        | <b>/</b> | ASPHALT FILL - sandy gravel, grey, dry, loose | SS1      |             | 100             | NM     | NM      |      |          |          |          |         |   |
| 0         | -<br>-<br>-77  |                 |                      | 0.75<br>77.47                     |          | SAND - trace gravel, brown, damp              | BH22-04B |             | 80              | <5 ppm | <1 ppm  |      | <b>✓</b> |          |          |         |   |
| .5        |                |                 |                      | 1.4<br>76.82                      |          |   | BH22-04  |             | 95              | <5 ppm | <1 ppm  | ~    | <b>✓</b> | <b>✓</b> | <b>✓</b> |         |   |
| .0        | 76<br>         |                 |                      | 2<br>76.22                        |          | BEDROCK - limestone                           |          |             |                 |        |         |      |          |          |          |         |   |
| 0         | - 75<br>-      | 74.88           |                      |                                   |          |   |          |             |                 |        |         |      |          |          |          |         | Groundwater level measur<br>on May 3, 2022. |
| 0         | -<br>- 74<br>- |                 |                      |                                   |          |   |          |             |                 |        |         |      |          |          |          |         |   |
| 0         | -<br>-73       |                 |                      |                                   |          |   |          |             |                 |        |         |      |          |          |          |         |   |
|           | -              |                 |                      |                                   |          |   |          |             |                 |        |         |      |          |          |          |         |   |



# **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

|           |               |                 | _555              | - · · · · ·                       |        | 1660 Carling Avenue, Ottawa                        |          |             | Sı              | urface Elevati | tes <b>50253</b><br>on <b>78.14</b> |          | ,        |          |          |          |  |
|-----------|---------------|-----------------|-------------------|-----------------------------------|--------|--|----------|-------------|-----------------|----------------|-------------------------------------|----------|----------|----------|----------|----------|--|
|           | (m)           | rel (m)         | ion               | (m)                               |        | Material Description                               |          | /pe         | Recov.          | CCG            | / PID                               |          |          |          | ratory a | ınalysis | Remarks  |
| Depth (m) | Elevation (m) | Water level (m) | Well construction | <i>Depth (m)</i><br>Elevation (m) | Symbol |  | Sample # | Sample Type | % Sample Recov. | CCGD           | PID                                 | PAHs     | РНС/ВТЕХ | Metals   | VOCs     | Others   |  |
| 0.5       | -78<br>-      |                 |                   | 0<br>78.14<br>0.1<br>78.04        | _      | ASPHALT FILL - gravel, some sand, grey, dry, loose | SS1      |             | 100             | NM             | NM                                  |          |          |          |          |          |  |
| 1.0       | -<br>-<br>-77 |                 |                   |                                   |        |  | SS2      |             | 100             | <5 ppm         | <1 ppm                              |          |          |          |          |          |  |
| 2.0       | -<br>-<br>-76 |                 |                   | 1.8<br>76.34                      |        | SAND - trace gravel, damp, brown, loose/soft       | SSS      |             | 100             | <5 ppm         | <1 ppm                              |          |          |          |          |          |  |
| 2.5       | -             |                 |                   |                                   |        |  | SS4      |             | 100             | NM             | NM                                  |          |          |          |          |          |  |
| 3.0       | 75<br>        | Ţ               |                   | 3.1<br>75.04                      |        | saturated, some silt                               | BH22-05  |             | 100             | <5 ppm         | <1 ppm                              | <b>✓</b> | <b>✓</b> | <b>✓</b> | <b>✓</b> | <b>✓</b> | Other: pH, Grain Size<br>Groundwater level measure |
| 4.0       | -<br>-<br>-74 | 74.70           |                   | 3.5<br>74.64                      |        | BEDROCK - limestone                                |          |             |                 |                |                                     |          |          |          |          |          | on May 3, 2022.                                    |
| 4.5       | -             |                 |                   |                                   |        |  |          |             |                 |                |                                     |          |          |          |          |          |  |
| 5.5       | - 73<br>-     |                 |                   |                                   |        |  |          |             |                 |                |                                     |          |          |          |          |          |  |
| -6.0      | -<br>-<br>-72 |                 |                   |                                   |        | End of Borehole at 6.1 m.                          |          |             |                 |                |                                     |          |          |          |          |          |  |



# Page 1 of 2 BH/MW22-06

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

|             |                    | <u>ر</u>        |                      |                            |        | Material Description                                |          |             |                 | urface Elevati | ) / PID |      | lysis    |          |          |          | Remarks                                      |
|-------------|--------------------|-----------------|----------------------|----------------------------|--------|---|----------|-------------|-----------------|----------------|---------|------|----------|----------|----------|----------|--|
| E           | n (m)              | evel (n         | ction                | <i>n</i> (m)               |        |   | #        | Туре        | e Reco          | CCGL           | , , , , | Subm | itted fo | or labo  | ratory a | analysis |  |
| Depth (m)   | Elevation (m)      | Water level (m) | Well<br>construction | Depth (m)<br>Elevation (m) | Symbol |   | Sample # | Sample Type | % Sample Recov. | CCGD           | PID     | PAHs | PHC/BTEX | Metals   | VOCs     | Others   |  |
| 0.5         | 78<br>             |                 |                      | 0<br>78.15<br>0.1<br>78.05 | ⁻‱     | ASPHALT FILL - sandy gravel, grey/brown, damp, firm | SS1      |             | 100             | NM             | NM      |      |          |          |          |          |  |
| 1.0         | -<br>-77           |                 |                      |                            |        |   | BH22-06  |             | 100             | 5 ppm          | <1 ppm  | ~    | <b>✓</b> | <b>✓</b> | <b>✓</b> | <b>✓</b> |  |
| 2.0         | -<br>-<br>-76      |                 |                      | 1.5<br>76.65               |        | Sand - trace gravel, light brown, damp, soft        | SS2      |             | 100             | NM             | NM      |      |          |          |          |          |  |
| 2.5         | _                  |                 |                      | 2.3<br>75.85               |        | - saturated   | BH22-06B |             | 100             | <5 ppm         | <1 ppm  |      | <b>✓</b> |          |          |          |  |
| 3.5         | 75<br>             | 75.05           |                      | 2.9<br>75.25               |        | - wet, grey   | SS3      |             | 100             | NM             | NM      |      |          |          |          |          | Groundwater level measure<br>on May 3, 2022. |
| -4.0        | -<br>-<br>-<br>-74 |                 |                      | 3.5<br>74.65               |        | BEDROCK - limestone                                 |          |             |                 |                |         |      |          |          |          |          |  |
| 4.5         | -                  |                 |                      |                            |        |   |          |             |                 |                |         |      |          |          |          |          |  |
| ·5.0<br>5.5 | -73<br>-           |                 |                      |                            |        |   |          |             |                 |                |         |      |          |          |          |          |  |
| -6.0        | -<br>-<br>-72      |                 |                      |                            |        |   |          |             |                 |                |         |      |          |          |          |          |  |



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DST Project No. **02202032** 

Date **April 26, 2022** 

Client Canadian Tire Real Estate Limited

Method Hollow Stem Auger with Direct Push/Air Hammer

Project Phase II Environmental Site Assessment

|     | m)            | (m) k           | nc                   | (m                                |        | Material Description      |          | эс          | ecov.           | CCGD | / PID |      | alysis   |        | atory a | nalvsis | Remarks |
|-----|---------------|-----------------|----------------------|-----------------------------------|--------|---------------------------|----------|-------------|-----------------|------|-------|------|----------|--------|---------|---------|---------|
| (   | Elevation (m) | Water level (m) | Well<br>construction | <i>Depth (m)</i><br>Elevation (m) | Symbol |                           | Sample # | Sample Type | % Sample Recov. | CCGD | PID   | PAHs | PHC/BTEX | Metals | VOCs    | Others  |         |
| 5   |               |                 |                      |                                   |        | BEDROCK - limestone       |          |             |                 |      |       |      |          |        |         |         |         |
| )   | -71           |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| 5 - |               |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| 5 - | -70           |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| 0   | - 69          |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| 5 - |               |                 |                      |                                   |        | End of Borehole at 9.2 m. |          |             |                 |      |       |      |          |        |         |         |         |
| .0  | -68           |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| .5  |               |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| .0  | -67           |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| .5  |               |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |
| .0  | -66           |                 |                      |                                   |        |                           |          |             |                 |      |       |      |          |        |         |         |         |