

Hydrogeological Investigation, 381 Kent Street, Ottawa, Ontario

Client:

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1 Introduction

1.1 **Project Description**

EXP Services Inc. (EXP) was retained by Katasa Groupe to prepare a hydrogeological investigation report for the proposed development located at 381 Kent Street, Ottawa (hereinafter referred to as the 'Site'). EXP understands that Katasa Groupe is completing this work for due diligence purposes in support of site plan approval with the City of Ottawa. A hydrogeological study is a requirement of the Site Plan Approval (SPA) process by the City of Ottawa (Section 5.1 of City of Ottawa Hydrogeological and Terrain Analysis Guidelines, March 2021).

Based on the design plan communicated to EXP, it is our understanding that the proposed development will consist of a 9storey high-rise residential tower, including two (2) levels of underground parking structure. The site location plan is shown in Figure 1.

EXP conducted a Preliminary Geotechnical Investigation and a Phase Two Environmental Site Assessment (ESA) prior to this investigation. The pertinent information gathered from previous investigations was also utilized to prepare this report.

1.2 Project Objectives

The main objectives of this 381 Kent Street, Ottawa, Ontario are as follows:

- Establish the local hydrogeological settings within the Site;
- Assess preliminary construction dewatering flow rates and potential impacts;
- Assess groundwater quality for discharge purposes; and,
- Prepare a Hydrogeological Assessment Report to support a SPA.

1.3 Scope of Work

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

- Review available geological and hydrogeological information for the Site;
- Conduct Single Well Response Tests (SWRT) on one monitoring well to evaluate hydraulic properties of the saturated stratigraphic units at the Site.
- Collect one (1) groundwater sample for laboratory testing for comparison with City of Ottawa sanitary and storm Sewer By-Law parameters;
- Complete one (1) round of groundwater level measurements;
- Evaluate the information collected during the field investigation program, including borehole geological information, SWRT results, Water Well Records, groundwater level measurements and groundwater water quality;
- Estimate construction dewatering flow rates and long-term foundation drainage rates;
- Assess potential impacts and recommend mitigation measures; and
- Prepare a 381 Kent Street, Ottawa, Ontario

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1.4 Review of Previous Reports

The following reports were reviewed as part of this 381 Kent Street, Ottawa, Ontario:

2018

- Revised Phase I Environmental Site Assessment, Pinchin, January 2018
 - Updated the previous Phase II ESA completed by Golder Associates to the new site condition standards (SCS) which were revised in 2011.
 - In 2010, a Phase II ESA was completed on the property (381 Kent St., Ottawa, Ontario) by Golder Associates Ltd, to identify potential impacts to the site from heating oil spill from a printing facility located at 50 and 52 James Street.
 - Based on the results of Phase II ESA, Golder did not recommend any additional environmental work.
 - Pinchin did not identify any additional potential contaminants or activities based on new SCS.

2021

- Phase One Environmental Site Assessment by EXP Services Inc.
 - Phase One ESA (report OTT-21019154-A0) was conducted for due diligence purposes in support of site plan approval with the City of Ottawa to redevelop the property for residential use.
 - The study recommended conducting a Phase Two ESA to address the potentially contaminating activities (PCA) that may cause areas of potential environmental concern (APEC) on the property.
 - Seven PCAs were identified, including six off-site PCAs. Based on the location of the Site in terms of geological framework, five APECs were identified on the Site.

2022

- Phase Two Environmental Site Assessment (ESA) by EXP Services Inc.
 - The Phase Two ESA was conducted to file a Record of Site Conditions (RSC);
 - Four (4) boreholes all equipped with monitoring wells were installed at the site in November and December 2021 to address the five APECs;
 - Groundwater and soil samples were collected and analyzed for metals, petroleum hydrocarbons (PHC) and volatile organic compounds (VOC). Concentrations of lead, barium, cobalt, vanadium and zinc in the soil samples were above Ontario Ministry of Environment, Conservation and Parks (MECP) Table 3 SCS. The concentrations of metals, PHC and VOCs in the groundwater samples were less than the MECP Table 3 SCS and therefore, the groundwater at the Site was not impacted.

2023

- Preliminary Geotechnical Investigation, Proposed High Rise Development, 381 Kent Street, Ottawa, Ontario by EXP Services Inc.
 - The report assumes based on preliminary conceptual design, the foundation will extend to 6 mbgs approximately P2 level, the foundation will extend into the local groundwater table and will require dewatering;
 - The report mentioned that the site is underlain by shale bedrock of Billings Formation which due to a complex mechanism of bio-oxidation tends to heave when sulfides in the rock reacts with calcite to form expanding gypsum. This occurs when oxygen enters the rock primarily by lowering of the water table;
 - The report recommended a detailed hydrogeological study to assess site hydrogeological conditions and estimate groundwater pumping rates.

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2 Geological Setting

2.1 Regional Setting

2.1.1 Regional Physiography

The Site is located within the physiographic region identified as Limestone Plains, which borders with Ottawa Valley Clay Plains to the east. Figure 2 shows the regional physiography of the area.

2.1.2 Regional Geology

The surficial geology can be described as till composed of undifferentiated, predominantly sandy silt to silt matrix, commonly rich in clasts, often high in total matrix carbonate content. East and south of the site the surficial geology transitions in to glaciomarine and marine deposit of silt and clay, quiet water basin environment fine-textured glaciomarine deposits (to the east) and fluvial deposit composed of gravel, sand, silt and clay, deposited on modern flood plains. The Regional Surficial Geology is shown in Figure 3.

The bedrock in the area primarily consists of limestone, dolostone, shale, arkose, sandstone of Lindsay Formation (which the Site is located on) and to the east it is shale and limestone, dolostone and siltstone identified as Billings Formation of Upper Ordovician period (Ontario Geological Survey, 2011). The bedrock geology is represented in Figure 4.

2.1.3 Regional Hydrogeology

Regional groundwater across the area 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.

2.1.4 MECP Water Well Records

Water Well Records (WWRs) within a 500-m buffer from the Site were reviewed for subsurface and hydrogeological information. The locations of the MECP WWR are shown in Figure 5. A summary of the reviewed WWR is provided in Table 2-1 below and a detail of the records is included in Appendix A.

The MECP WWR database indicates that a total of 170 well records are located within a distance of 500 m from the site perimeter. This included five (5) wells recorded as water supply. The remaining 165 records are for non-water supply wells that includes test, monitoring, observation and abandoned wells, and wells of unidentified usage. The well records include water supply wells, monitoring and test holes, observation wells, abandoned wells and wells of unknown use.

Since the area is municipally serviced it is unlikely that the noted water supply wells are still active. These wells were installed in the 1940s and 1960s.

The reported depth to groundwater for all wells recorded as water supply wells vary between (12.2) and (44.2) meters below ground surface (mbgs). The groundwater or potentiometric surface based on recorded information varies from (0.9) and (16.8) in depth and between 57.5 masl to 76.8 masl. Currently the groundwater is anticipated to be at shallower depths or at higher elevations as the use of private water supply wells stopped over the years when municipal services became available.

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EXP Services Inc. 4

Katasa Group 381 Kent Street, Ottawa, Ontario Hydrogeological Investigation OTT-21019154-A0 November 8, 2023

		/ -				
Well Usage (as recorded)	Number of Wells	Well Construction Period	Groundwater Elevation (masl)	Water Found Depth (mbgs)	Water Found Elevation (masl)	Well Completion Material
Water Supply 3 – domestic 1 – livestock 1 - commercial	5	1948-1961	Min – 57.5 Max – 76.8	Min – 44.2 Max – 10.7	Min – 36.2 Max – 63.6	All of the wells are completed in bedrock
Non-water supply wells (test wells, observation wells, monitoring wells, abandoned wells and unspecified wells)	165	2005-2016	No groundwater elevation information available	No information available	No information available	No information available

Table 2-1 Summary of Searched MECP Water Well Records

Based on the review of water well records, it appears that the bedrock underlain by the overburden material is composed of clay rich sediments and is the regional aquifer in the area and where geological conditions exist, can be characterized as a confined aquifer (confined by the glacial till overburden). The test pumping rates for the water supply wells varied between 9.1 litres/minute (LPM) to 36.4 LPM sustainable through 0.5-hour to 1-hour duration.

Some of the location information as recorded in the database is not correct or accurate (reliability code of 5 or higher identified as UTM RC in the water well report, lower the value higher the accuracy of the recorded well locations), however the reviewed MECP water well information provides a general understanding of the regional hydrogeological conditions of the area.

2.2 Site Setting

2.2.1 Site Topography

The Site is in an urbanized land use setting. The existing site topography gradually slopes down and to the north based on the local topography. The site general elevation at the borehole's locations ranged between (72.0 to 72.66) masl, groundwater flow is anticipated to be north towards the Ottawa River.

2.2.2 Local Surface Water Features

The Site is located within the Ottawa River West sub watershed. The nearest watercourse is the Rideau Canal, which is approximately 1 km to the east, and the Ottawa River is approximately 1.2 km to the north. Based on the Rideau Valley Conservation Authority Website, the Site is not within a flood plain or within a regulated area.

2.2.3 Local Geology and Hydrogeology

The following is a summary of site stratigraphy based on a review of borehole logs of wells drilled during site investigations. Ground surface at the site varies between 72.0 to 72.7 metres above sea level (masl) elevation. Site borehole logs are included in Appendix B.

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Table 2-2 Site Stratigraphy

	Subsurface Geological Unit	Material Type	Range of Depth of Bottom of the Unit (mbgs)	Range of Elevation of the Bottom (masl)
	Fill	Variable material comprising of silty sand with gravel, gravel with sand, contains brick fragments, moist. no odours or stains, compact	0.9 to 1.7	71.4 to 71.0
Overburden	Silty Clay	Brown, moist to wet, no odours or stains, firm to very stiff	6.0 to 6.6	66.7 to 65.4
	Glacial Till	Clayey silty sand with gravel and shale fragments, cobbles and boulders, slightly cohesive, dark brown and grey, wet, no odours or stains, compact to very stiff	6.0 to 6.6	66.7 to 65.4
Bedrock	Shale	Shale with limestone partings, black, poor to excellent quality	7.6 to 12.6 This range is for the top. Bottom not encountered.	64.8 to 60.1 This range is for the top. Bottom not encountered.

NOTE: mbgs – metres below ground surface

The depths of investigation ranged between 7.6 m to 20.9 m (64.8 masl to 51.1 masl elevation). The Site borehole location plan is shown in Figure 6 and a stratigraphic cross-section of the site subsurface is presented in Figure 7.

2.2.3.1 Overburden

The Site contains a thin veneer of anthropogenic fill, underlain by silty clay and glacial till.

Fill

Fill material was encountered at all the four borehole locations and extended to 0.9 m to 1.7 m below ground surface. The fill is composed of silty sand with gravel to gravel with sand and also contains brick fragments. The SPT N-values varied between 7 to 45 indicating a loose to dense unit.

Silty Clay

Native silty clay was encountered below the fill which extends to 6.0 to 6.6 mbgs at all borehole locations. This soil unit displayed an upper brown to brownish grey desiccated crust underlain by an unweathered lower grey silty clay soil layer. The natural moisture content range was very high from 39 percent to 75 percent.

Glacial Till

Glacial till was encountered at three (3) boreholes. Between 6.0 to 6.6 mbgs (65.4 masl to 66.7 masl). The till is composed of varying amounts of gravel, sand, silt and clay and also contains cobbles and boulders. The SPT N-value ranges between 11 and 77 indicating a compact to very dense condition however the high end SPT N-value could be the result of encountering weathered cobbles or boulders in the composition.



2.2.3.2 Bedrock

The bedrock at the site is considered to be shale with limestone partings which was identified as Billings Formation of Upper Ordovician time. It was encountered between 7.6 to 12.6 mbgs depths (64.8 to 60.1 masl elevation). Based on the coring information the total core recovery (TCR) ranged between 97 to 100 percent. The rock quality designation (RQD) indicator value ranges between 28 percent to 99 percent indicative of poor to excellent rock quality.

2.2.4 Site Groundwater Conditions

The groundwater level at the site was measured during site visits on two (2) occasions, once on December 8, 2022 (approximately 1 week after drilling) and again on September 23, 2023. During the most recent site visit on September 23, 2023, most of the wells had issues as the bentonite seal had expanded and was noted in the casings and in the well itself. This foreign material (wet bentonite) was very difficult to remove and may have impacted the functionality of the monitoring wells and collected groundwater measurements at the wells may be in error. So therefore, for further assessment it is recommended to use the September 23, 2023, groundwater elevation data with caution. The groundwater elevation measurements are summarized in the following table.

BH ID	Ground Surface Elevation (masl)	Screened Soil Type	Dec. 8, 2022	Sep. 23, 2023	Additional Comments (Sept. 23, 2023)
MW21-1S	72.47	SILTY CLAY Brown , moist to wet, (very soft to very stiff)	69.66	Dry up to 69.35	Depth of the well is different than as logged. Noted debris in the well.
MW21-1D	72.47	SHALE BEDROCK With limestone partings, black, (poor to excellent quality)	70.36	<u>69.35</u>	Was dry and casing filled with bentonite. Water level after removal of bentonite as much as possible.
MW21-2	72.66	SILTY CLAY Brown to grey, moist to wet, very soft to stiff	69.86	<u>69.54</u>	The casing and well was filled with bentonite. Water level after removal of bentonite as much as possible.
MW21-3	72.44	SILTY CLAY Brown to grey, moist to wet, no odours or stains, stiff	66.84	<u>66.67</u>	The casing was filled with bentonite. Water level after removal of bentonite as much as possible.
Mw21-4S	72.00	SILTY CLAY & GLACIAL TILL Clayey sand with gravel and shale fragment, cobbles and boulders, slightly cohesive, dark brown and clay.	66.19	Dry up to 69.38	
MW21-4D	72.00	SHALE BEDROCK With limestone partings, black, (poor to excellent quality)	63.79	<u>65.05</u>	Well filled with bentonite to the top. Water level after removal of bentonite as much as possible.

Table 2-3 Summary of Groundwater Elevations

NOTE:

S – Shallow, D- Deep

Italics and underlined <u>65.50</u> – suspect reading or possibly error. September 23, 2023, groundwater measurements may be in error and should be used with cauation.

Considering the December 8, 2022, groundwater measurements, the water level in the shallow aquifer at the Site varied between 66.2 to 69.9 masl and the potentiometric surface in the deeper aquifer varied between (MW21-1D and MW214D) 63.8 to 70.4 masl. The low water level reading at MW21-4D on December 8, 2022, may be in error or may still be equalizing. This indicates that there is an upward gradient of groundwater at the Site. Review of historical MECP well record information for the water supply wells completed in bedrock in the area indicates a range of water levels of 57.5 to 76.8 masl elevation.

The general Site groundwater flow direction in the shallow aquifer is towards the south, however the flow direction in the deeper aquifer is indeterminate as we do not have minimum of three (3) datapoints to establish a direction for the deeper bedrock aquifer. Considering the larger hydrogeological framework, it is anticipated that the direction of flow in the deeper aquifer would be similar.

2.2.5 Hydraulic Conductivity Testing

Hydraulic conductivity testing was completed in MW21-1D. A rising head test was performed at this well. In a rising head test, a known volume of water is removed from the well and the recovery is monitored. The test is terminated when more than 80% recovery is achieved or a 3-hr time period has elapsed. The collected data was analyzed using AQTESOLV Pro 4.0 version software using Hvorslev (1951) solution for confined aquifer. A hydraulic conductivity (K) value of 7.95 x 10^{-6} m/sec was calculated. This K value will be used in the dewatering pumping rate assessments.

The detail of the analysis is included in Appendix C.



3 Preliminary Construction Plan and Potential Groundwater Issues

It is our understanding that the proposed 9-storey high-rise residential tower will have two (2) levels (or P2) of underground parking structure extending to about 6.5 mbgs including sub-excavation for placement of granular as foundation base. Based on this preliminary design, it is anticipated that the foundation will not extend into the bedrock encountered within the proposed development limits. The foundation will be limited within the upper part of till.

Since 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. However, the groundwater seepage will be relatively slow and will occur under gravity and sump pumping may be adequate to remove the accumulated groundwater.

Considering the approximate Site excavation area of 3,446 m² (65 m x 53 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. If the estimated dewatering pumping rate exceeds 50,000 LPD but is less than 400,000 LPD, then registration with the Environmental Activity and Sector Registration (EASR) website will be required.



4 Construction Dewatering Permit

Considering the size (3,446 m²) and depth of the proposed excavation (6.5 mbgs) for the anticipated construction activities at the Site, it is likely that an EASR will most likely be required which will allow groundwater pumping at rates up to 400,000 LPD. This type of permit is registered online and issued immediately for a fee of CAD \$ 1,190.

The requirement of the type of permit will be confirmed later in this report.

Potential Short and Long-term Dewatering 5

It is anticipated that dewatering pumping during construction will be required in the short-term. The pumping rates initially would be higher, which over time will be lower as the construction progresses. The short-term dewatering operation can cease once the foundation structures are above a certain level that groundwater is no longer an issue. Considering the construction design and the hydrogeology of the Site, dewatering of the shallow aquifer will be required. There is also the potential for foundation drainage over the long-term as the foundation of the P2 underground parking structure will penetrate into the shallow groundwater table.

Area of Interest	Till Bottom (masl)	Groundwater Elevation (masl) December 8, 2022	Excavation Bottom Elevation (masl)	Approximate Head (m)	Potential Issue of Dewatering
MW21-1	62.9	21-15 - 69.66 21-1D - 70.36	59.5	7.46	Dewatering – Shallow Aquifer
MW21-2	60.1 (auger refusal)	69.86	59.5	9.76	Long-Term Foundation
MW21-3	66.0	66.84	59.5	0.84	Drainage
MW21-4	61.9	21-4S - 66.19 21-4D - <u>63.79</u>	59.5	Indeterminate because of inconsistent water level	
NOTE: Italies and underlined					

Table 5-1 Summary of Potential Dewatering Pumping

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Because the foundation will extend below the local groundwater table, the foundation structure in the long-term will be subjected to hydrostatic buoyancy pressure. To reduce this pressure, the groundwater will need to be removed using foundation drainage collection (FDC) subdrain system under the foundations. 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 an alternative foundation design (watertight bathtub) may have to be considered.



6 Dewatering Assessment

The dimensions of the proposed construction design to support the dewatering assessment are summarized in Table 6-1 below. The foundation of the building structure is designed to extend into the local groundwater/potentiometric table.

Input Parameter	Input Parameters	Units	Notes
Approximate Area of the excavation	3,446	m²	Approximate perimeter of the excavated area is 260 m
Ground Elevation	72.0	masl	Lowest ground elevation based on the ground surface elevations surveyed at drilled borehole locations
Deepest Excavation for Foundation	65.5	masl	Based on the design of P2 underground parking structure
Groundwater Elevation Considered	69.86 (MW21-2)	masl	Dewatering of shallow unconfined aquifer will be required
Bottom of Excavation	65.5	masl	P2 UG Parking structure (6.0 + 0.5) 6.5 mbgs (including 0.5 m below the invert for placement of foundation sub-base)

Table 6-1 Summary of Dewatering Assessment Parameters

6.1 Dewatering Flow Rate Estimate and Zone of Influence

The dewatering flow rates are estimated based on some key parameters such as groundwater levels, hydraulic conductivity value, size and depth of the excavations. It is expected that the initial dewatering rate will be higher to remove groundwater from within the formation. The dewatering rates are expected to decrease once the target water level is achieved in the excavation footprint area as groundwater will have been removed, primarily from storage, resulting in lower seepage rates into the excavation. For the dewatering assessment at a location, careful review of water level information, the highest inferred water level was used in the dewatering calculations. The required hydraulic conductivity (K) values used in the calculations is estimated from the results of hydraulic conductivity test performed at the site.

The dewatering flow equation is based on the following general hydrogeological and construction considerations and assumptions:

- Aquifer top, bottom and initial ground water levels and aquifer type were established based on borehole logs and monitoring well information;
- The bottom of the aquifer is the limit of dewatering;
- In situations where the aquifer bottom was not encountered within the borehole depths, the aquifer was assumed to continue a few metres below the foundation elevation;
- The hydraulic conductivity 'K' for the aquifer parameter is estimated based on the grain size analysis data using Hazen's empirical relationship. Other aquifer parameter such as storage coefficient 'S' were estimated based on field evidence and aquifer type;
- The aquifer is assumed to be isotropic and homogenous in both the horizontal and vertical directions. In reality, the aquifers are anisotropic and heterogeneous in all directions;



- The aquifer is assumed to be infinite in extent. In reality, the extent of the aquifer is limited by high horizontal variability fracture zones and the variations in the overburden sediments;
- It was assumed that dewatering occurs across the full vertical extent of the aquifer (i.e., assumes fully penetrating wells). In practice, dewatering will occur only a limited thickness within the upper portion of the aquifer; and,
- Excavations will extend to 0.5 m below the invert for placement of subgrade or bedding material and that is the target groundwater lowering elevation.

Dewatering in a source area will create a zone within which the groundwater will be lowered from its initial water level. Each zone of influence (ZOI) is dependent on the anticipated pumping duration, continuity of the aquifer, aquifer parameters (hydraulic conductivity, storativity) and required drawdown. For the purposes of this report, the limit of the ZOI is considered the distance beyond which the predicted drawdown will be 0.5 m or less. This drawdown cut-off criterion is considered reasonable and appropriate considering 0.5 m of drawdown is within the range of natural groundwater variation range. The estimated ZOIs are based on reasonable worst-case scenarios assumed for the dewatering evaluation. The dewatering equations are shown in Figure DW-1 in Appendix D.

For dewatering flow volume calculations, a Factor of Safety (FoS) approach will be used by performing a sensitivity analysis by changing the K value. In this approach, the flow volume requested for permit or EASR application will be evaluated based on changed K value as the pumping rate calculations are very sensitive to K value used estimated by the modified non-equilibrium flow equation by Cooper and Jacob (Powers et al., 2007). The FoS approach provides a range of flow volume and a reasonable value is recommended for the site. Based on assessed rates by applying a range of K values, the most reasonable rate will be used for permitting purposes.

6.2 Cooper-Jacob's Radius of Influence

The radius of influence (Rcj) for the construction dewatering was calculated based on Cooper-Jacob's equation. This equation is used to predict the distance at which the drawdown resulting from pumping is negligible.

The estimated radius of influence due to pumping is based on Cooper-Jacob's formula as follows:

$$R_{cj} = \sqrt{2.25KDt/s}$$

Where:

Ro = Estimated radius of influence (m)

- D = Aquifer thickness (original saturated thickness) (m)
- K = Hydraulic conductivity (m/s)
- S = Storage coefficient
- t = Duration of pumping (s)

6.3 Stormwater

Additional pumping capacity may be required to maintain dry conditions within the excavation during and following significant precipitation events. Therefore, the dewatering rates at the Site should also include removing stormwater from the excavation. To estimate the stormwater volume over the site the intensity, duration and frequency (IDF) data maintained by the Ministry of Transportation Ontario (MTO) was reviewed (<u>IDF Curve Look-up - Ministry of Transportation (gov.on.ca</u>)). A 17.8 mm rainfall resulting from a 10-minute storm event from a once-in-10-year storm was used to estimate the stormwater volume that resulted in 61,340 L (61.3 m³) of additional amount of water to be pumped out of the site after the storm in addition to the groundwater volume.



6.4 Results of Dewatering Rate Estimates

6.4.1 Construction Dewatering Pumping Rate Estimate

For this assessment, it was assumed that the proposed construction plans include an excavation with shoring extending to the Site boundaries. EXP should be retained to review the assumptions outlined in this section, should the assumed shoring design change. Estimated dewatering rates are presented in Appendix D.

Based on the assumptions and reviewed construction design and groundwater information provided in this report, the proposed construction will require dewatering of the upper shallow aquifer. The results of the dewatering rate estimate are summarized as follows:

Description	Dewatering Rate (LPD)
Maximum Volume (L/day) of Pumped Groundwater (Construction dewatering) without Safety Factor (excluding precipitation)	235,290 LPD
Maximum Volume (L/day) of Pumped Groundwater (Construction dewatering) with Safety Factor 1.25X (excluding precipitation)	294,113
Storm Water Volume (L)	61,340
Maximum Potential Peak Volume (L/day) of Dewatering Discharge of Groundwater (FoS Construction dewatering) including stormwater	355,453
Anticipated Long-Term Foundation Drainage Volume (LPD) It will be updated once we have site dewatering data available	117,645
Dewatering Rate (LPD) to be registered for the EASR	400,000
Predicted ZOI (in m) due to short-term construction dewatering pumping	63

Table 6-2 Summary of Dewatering and Depressurization Pumping Rates

The dewatering pumping conditions were evaluated using calculated hydraulic conductivity value from the analysis of the single well response test. The area of excavation is approximately 3,446 m² and the initial estimated rate is usually higher, and the higher rate shall be used for the registration of EASR. As soon as the target water level is reached the pumping rate can be reduced to maintain the water table.

The shallow unconfined aquifer is relatively less permeable than the deeper bedrock aquifer. However, as a conservative approach the same K value was used in the rate estimation analysis. The groundwater in the upper shallow aquifer is mainly stored in the granular lenses within the till matrix (clay rich overburden) and most likely the seepage from this layer is not anticipated to sustain. It is expected that sump pumping would be adequate to address the seepage from the shallow overburden aquifer.

The details of the dewatering rate calculations and the results are provided Table DW-1 in Appendix D.



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All grading around the perimeter of the excavation should be graded away from the excavations. The contractor is responsible for the design of the dewatering systems (depth of wells, screen length, number of wells, spacing, sand pack around screens, prevent soil loss etc.) to ensure that dry conditions are always maintained within the excavation at all costs.

Discharge rates should be monitored using calibrated flow meters and records of dewatering progress, and daily precipitation as per MECP requirements. Discharge flow rates must be recorded via a totalizing flow meter and also manually by measuring the instantaneous flow during the day the pump is operational.

6.4.2 Permit Requirement

In terms of permitting requirements, it should be noted that considering a cautious and conservative approach the estimated rates assume pumping from an excavation without groundwater barrier walls other than soil support and stability structures. The estimated maximum initial pumping rate of 355,453 LPD which includes FoS groundwater pumping rate and additional volume of stormwater, an EASR registration will be required. An EASR registration allows pumping at rates up to 400,000 LPD.

7 Groundwater Quality

A groundwater sample was collected from MW21-1D well on September 28, 2023, for analysis of general inorganics, total metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), poly aromatic hydrocarbons (PHC) for comparison with the City of Ottawa Sewer Use By-Law standards since the discharge from the site will be discharged in to the City utility services. The collected groundwater sample was analyzed by a Canadian Association of Laboratory Accreditation (CALA) certified laboratory. The following is a summary of exceedances noted. The water quality testing result is included in Appendix E.

Parameters	Sanitary Sewer Limit (mg/L)	Storm Sewer Limit (mg/L)	Detected Concentration (mg/L)
Total Suspended Solids (TSS)	350	15	4590
Sulfide	2		<4
Phosphorous (Total)		0.4	3.08
Cyanide (Total)		0.02	0.041
Phenolics		0.008	<0.01
Copper (Total)		0.04	0.061
Manganese (Total)		0.05	0.693
Zinc (Total)		0.04	0.205

Table 7-1 Summary of Exceedances of Water Quality Parameters

A very high level (4590 mg/L) of TSS was detected in the sample. Normally we do not encounter this level of TSS in the groundwater. This high level of TSS has the potential to impact other parameters. The shale bedrock identified as Billings Formation is sulfide bearing and that is a potential reason for high sulfide concentration. Also, metals tend to adsorb to the particulates, so a high level of TSS has the potential to elevate the concentrations of metals.

During the recent site visit on September 28, 2023, the wells and the casings were found stuffed with bentonite. The subject well (MW21-1) was cleaned of debris as best as possible before testing and sampling. However, residual bentonite in the well has potentially impacted the water quality. The well needs to be cleaned and developed and a resampling of groundwater from the same well (MW21-1) is recommended to confirm the discharge water quality.



8 Groundwater Discharge Management Plan

A private water discharge agreement will be required with the City to direct the pumped groundwater from the Site during both the short- and long-term dewatering and foundation drainage, provided the water quality complies with 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 to the City sewers. 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 in Table 8-1, shall be in place during the anticipated short-term dewatering operation to ensure compliance of discharge water quality to the receptor standards.

Table 8-1 Recommended Groundwater Discharge Management Plan

Potential Issue	Monitoring Aspect	Sampling and Suggested Frequency	Potential Mitigation Approach
Groundwater Discharge Man	agement		
TSS in discharge TSS was 4,590 mg/L which is extremely high compared to the City of Ottawa sewer by-law standards (15 mg/L for Storm and 350 mg/L for Sanitary) and may be the result of excessive debris in the well. Using heavy duty excavators has the potential to generate large volumes of particulates which when wet has the potential to exceed the limit.	Due to the nature of work using large and heavy construction equipment TSS will be a potential issue during construction period specially during post-storm events.	The dewatering discharge – should be routed through a fine mesh filter bag as best management practice (BMP) approach. The discharge shall be sampled every day for the first week of pumping and in the post-storm time at the outlet location to monitor compliance. If the discharge is compliant than the sampling frequency could be expanded to two-times a week. If it indicates compliance, then the sampling frequency can be expanded to once- a-week. A field turbidity probe can also be used to calibrate with the laboratory measured TSS concentrations for frequent site discharge turbidity measurements.	As a basic BMP approach the discharge must be routed through fine mesh filter bags. If the discharge is non-compliant with the applicable receptor guidelines, then additional treatment options such as a settling tank, onsite settling basin or envirotank [™] , floclog [™] should be utilized to enhance the mitigation process.
The following metals (Sulfide, Phosphorous (Total), Cyanide (Total) Phenolics, Copper (Total), Manganese (Total), Zinc (Total) exceeded Sanitary or Storm Sewer use criteria of the City of Ottawa Sewer use by-law.	Bentonite was noted in the casing and in the wells during the recent site visit. EXP staff cleaned the wells of bentonite as best as possible. However, the extremely high level of TSS in the sample indicates that bentonite formed colloids in the well water and was not completely removed. As a result, the metals may have been sorbed by bentonite.	Measure turbidity and collect samples every day and analyze for TSS and metals analysis during first week of dewatering with rush turn-around-time (TAT). If the discharge is compliant with the receptor criteria, then the sampling and testing frequency may be decreased to twice-every week for the following two (2) weeks (with regular TAT). If the discharge is compliant during this period discharge sampling frequency can be further decreased to once-every week for the remaining duration of dewatering. Turbidity shall be measured daily using a field probe. Further resampling is recommended to confirm the water quality and to determine treatment option/s for the discharge if results of retesting indicate similar results. The resampling shall be conducted after the well has been cleaned of all the debris	Additional sampling and analysis of groundwater sample is recommended (both filtered and unfiltered samples) to determine total and dissolved metals to determine and recommend suitable treatment options.



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Potential Issue	Monitoring Aspect	Sampling and Suggested Frequency	Potential Mitigation Approach		
		and is fully developed.			
Erosion and Sediment Contro	bl				
Erosion at the site is not anticipated however, potential of high levels of particulate is anticipated. So a sediment control plan shall be in effect during construction	Sediment Control Adaptive 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. Siltsox [™] or woodchip logs maybe used instead of silt fences at the perimeter to prevent sediment transport offsite. After every storm event the site must be inspected for sediment control measures. The sediment control measures shall be in place before construction commences and shall be inspected prior to the beginning of construction. Thereafter, the measures shall be inspected every week or within 24 to 48 hours of a storm event and be maintained or upgraded or modified as necessary.	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 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 occur only for short-term (1 month to 6 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.

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

9.1 Groundwater Quality

It is our understanding that the potential effluent from the dewatering system during the construction will be released into the municipal sewer system. As such, the quality of groundwater discharge is required to conform with the City of Ottawa Sewer Use By-Law. Based on results of testing for water quality, the groundwater from the site is not suitable for discharge into the City of Ottawa sewer services without treatment.

Resampling and analysis of the groundwater sample from the same well is recommended after cleaning and redevelopment of the monitoring well. The sample was most likely impacted by excessive amount of particulate in the well that could not be removed prior to sampling.

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 periods. The discharge water quality must be compatible with the receptor services (sewer or sanitary) standards.

9.1.1 Short-Term Construction Dewatering

For the short-term dewatering (construction phase), it is anticipated that 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 and basic best management practice (BMP) treatment method (source control and outlet control by using fine mesh filter bags settlement tank and/ or any other applicable treatment system) be implemented during construction dewatering activities to discharge to the applicable sewer system. The specifications of the treatment system will need to be adjusted to the reported water quality results by the treatment specialist contractor. The non-compliant discharge shall be stored onsite and be treated and cannot be discharged into the city services until compliance standard is achieved.

9.1.2 Long-Term Foundation Drainage

Long-term drainage discharge into the City of Ottawa sewer services is anticipated from the site in the post-development phase since the foundation will be extending into the groundwater table. Without long-term drainage there is potential for development of hydrostatic buoyancy pressure (uplift pressure). To counterbalance the uplift pressure, a system of foundation drainage collection subdrains will be required to collect the groundwater and pump it out to reduce the uplift pressure.



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The volume for the foundation drainage as estimated is 117,645 LPD, however this rate will be updated and refined based on site pumping data collected during construction stage.

Alternatively, the building foundation may be designed as a water-tight bathtub like foundation to counterbalance the uplifting hydrostatic pressure that will not require foundation drainage.

9.2 Contaminant Migration

Dewatering may induce migration of contaminants located 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 conducted as part of this assessment was performed under static conditions. As a result, monitoring may be required during dewatering activities to monitor potential migration, and this should be performed more frequently during early dewatering stages.

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.

9.3 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.

9.4 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. As per water quality testing results the groundwater is non-compliant for discharge into the City sewers. It is anticipated that the discharge from the site when complaint will be directed to the City of Ottawa sewer services. It is recommended that the well MW21-1S/D be cleaned out of any debris and should be redeveloped before the recommended resampling and repeat analysis of groundwater.

The discharge water quality shall be monitored as per recommended frequencies. 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.

Erosion will not be an issue at the site given the proposed dewatering operation, however the sediments that will be generated due to excavation have the potential to be an issue. An adaptive sediment control plan shall be developed and be implemented at the site during construction to control impacts from sediments. So therefore, sediment control measures, as outlined in Table 8-1, will need to be installed at the Site and will need to be inspected on regular intervals and within 24 to 48 hours after storm events.

10 Conclusions and Recommendations

Based on the findings of this 381 Kent Street, Ottawa, Ontario, the following conclusions are provided:

- Based on the most recent Phase Two investigation completed in January 2022, by EXP, the Site groundwater can be considered clean when compared to Table 3 SCS standards. However, there is probability of movement of contaminants generated potentially from the 29 PCAs identified nearby during the Phase II study;
- The Site will require dewatering of the shallow aquifer to facilitate the proposed construction of P2 underground parking structure;
- The groundwater dewatering pumping rate for the site has been estimated to be 235,290 LPD not including the stormwater volume. A FoS rate of 294,113 LPD has also been considered which is 1.25 x of the initial estimated rate. This FoS rate provides a safety factor to address uncertainty of encountering unforeseen groundwater conditions which may require very short term and infrequent pumping at a higher volume;
- Including the estimated stormwater volume of 61,340 L generated from 17.8 mm of rainfall from a 10-minute duration storm resulting from a 1-in-10-year storm event the maximum estimated dewatering rate will be 355,453 LPD;
- For the proposed construction dewatering, an EASR registration will be required;
- The raw water quality is not compliant with the Table 1 and 2 standards of the City of Ottawa Sewer use By-Law 2003-514 and the discharge from the site may not be directed to the city sewers without treatment. A resampling is recommended to confirm the noted exceedances. However basic BMP measures must be in place to address potentially high levels of particulates (TSS) generated at the site due to the very nature of the construction activities;
- A recommended discharge management plan is provided in Section 8 and a detail of the recommended plan is provided in Table 8-1. This plan is adaptive and will be evaluated at regular intervals for its effectiveness and efficacy;
- Since there are no sensitive environmental features nearby (private water well user, natural significant habitat) there would be no concern or issues;
- There is potential for shallow buried utilities and building foundations adjacent to the site which may be vulnerable to impacts (settlement or subsidence) due to temporary lowering of groundwater. A geotechnical assessment of consolidation and settlement is required to assess the potential impact;
- Records of daily dewatering and depressurization pumping rates must be measured using a calibrated flowmeter and manually using a calibrated drum or a bucket on a daily basis. This is required as per Ontario Regulation 63/16. The daily pumping information is also required to refine and update the long-term foundation drainage volume; and
- In the absence of suitable groundwater monitoring wells, new wells may have to be drilled.



The followings are our recommendations:

- The existing monitoring wells shall be cleaned out of debris and developed to establish good hydraulic connectivity with aquifers these are installed in;
- Prior to resampling of groundwater from MW21-1D, the well shall be cleaned out of debris, fully developed and allowed to fully recover and equalize with the groundwater level;
- Resampled groundwater shall be analyzed for TSS and total (unfiltered) and dissolved metals (filtered) to determine suitable treatment options; and
- Dewatering should be monitored using dedicated monitoring wells constructed around the perimeter of the excavation, and these wells should be monitored by manual measurements. Records of pumping, groundwater level monitoring and EASR registration should be maintained on site to track dewatering progress.

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 site plan approval application. Any changes to the design concept may result in a modification to the recommendations provided in this report.



11 Limitations

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

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

Sincerely,

EXP Services Inc.

Shahynos Abdel Mohsen

Shahynaz Abdelmohsen Environmental Technician, Earth and Environmental Services

Mark McCalla, P.Geo. Senior Geoscientist, Earth and Environmental Services

Delwar Ahmed, M.Sc., P.Geo. Senior Hydrogeologist, Earth and Environmental Services





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Figures

















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Appendix A – MECP Water Well Record Information



Water Well Records

Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.

1502976	2	Lat	Cono		ΟΤΤΑΜΛΑ			ETON		Elowing 2 N				
1505670	J	LOI	Conc		OTAWA		TAWA-CAN			SWL	2.4	(mbas)	70.1 (masl)	
Date 1948-0	02-12	Elev	72.5 (masl)	Easting 445331	Northing	5029572				Pumping WL	3.7	(mbgs) 6	68.8 (masl)	
DDMN	MYY	Well_Depth_m:	22.8600006103516	UTM RC 9	unknown UTM					Pump Rate	45.5	(LPM)	0 / 30	
			/ Domestic	Water Supply				- . ()		Spec. Cap. 3	37.29	(LPM/m)	Hr / Min	
		Water Foun	d (mbgs)	(masl)	FRESH		Depth (m)	Elev (masl)	Calar			Coll Decerintia		
		Street	(0)	()			0.0	72.5	Color			Soli Descriptio	ons	
		Town/City												
		-					0.5	64.0					,	
							8.5 22.0	64.0 49.6		c			1	
			-				22.5	49.0					1	
1535586	5	Lot	Conc		OTTAWA	CITY / O	TAWA-CARL	ETON		Flowing?		((1)	
Date 2005-0	04-27	Elev	72.8 (masl)	Easting 445557	Northing	5029364				SWL Bumping W/		(mbgs)	(masi)	
DDMM	MYY	Well_Depth_m:	6	UTM RC 4	margin of error : 30) m - 100 m				Pump Rate		(IIDgs)	(masi) /	
				o						Spec. Cap.		(LPM/m)	, Hr / Min	
		Motor Four	/	Observation Wells			Depth (m)	Elev (masl)		-p		()		
		water Foun		(masi)			0.0	72.8	Color			Soil Descriptio	ons	
		Street Town/City	SUMERSET RUAL	JWAY										
		Town/City	UTAWA											
							0.8	72.0	GREY	GF	RAVEL /		/	
							1.2	71.6	BROWN		SAND /		/	
							6.0	66.8	GREY		SILT /		/	
1536050)	Lot	Conc		OTTAWA	CITY / O	TAWA-CARL	ETON		Flowing?				
Date 2005-0	06-28	Flev	68.8 (masl)	Fasting 445776	Northing	5028755				SWL		(mbgs)	(masl)	
DDMN	MYY	Well Depth m:	4.57000017166138	UTM RC 4	margin of error : 30) m - 100 m				Pumping WL		(mbgs)	(masl)	
										Pump Rate		(LPIM)	/ Hr / Min	
			/	Observation Wells			Depth (m)	Elev (masl)		Spec. Cap.				
		Water Foun	id (mbgs)	(masl)			0.0	68.8	Color			Soil Descriptio	ons	
		Street	510 BANKL ST											
		Town/City	OTTAWA											
							0.2	68.6			/		/	
							1.5	67.3	BLACK	COARSE	SAND /	GRAVEL	/	
							2.4	66.4	BROWN	MEDIUM	SAND /	FINE SAND	/	
							4.6	64.2	GREY		CLAY /		/	
1536121	1	Lot	Conc		OTTAWA CITY / OTTAWA-CARLETON			Flowing? N						
Date 2005-1	12-09	Flev	71.8 (masl)	Fasting 445641	Northing	5029106				SWL		(mbgs)	(masl)	
DUIC	MYY	Well Depth m:	5.40000009536743	UTM RC 3	margin of error : 10) - 30 m				Pumping WL		(mbgs)	(masl)	
										Pump Rate		(LPIM)	/ Hr / Min	
			/ Not Used	Test Hole			Depth (m)	Elev (masl)		Spec. Cap.		(======================================		
		Water Foun	d (mbgs)	(masl)			0.0	71.8	Color			Soil Descriptio	ons	
		Street	408 BANK STREE	Т										
		Town/City	OTTAWA											
							0.2	71.6	BROWN		SAND /		/	
							2.0	69.8	BROWN		SAND /	SILT	/ GRAVEL	
							5.4	66.4	GREY		CLAY /	SILT	/	

Well Record
Well Record #		I	Based on Ministry of E	nvironment Wa	ter Well Information Dat	abase June	e 30, 2022, availab	e online.
7044182	Lot Conc	OTTAWA	CITY / OTTAWA-CARL	ETON	Flowing? SWI		(mbas)	(masl)
Date 2007-05-1 DDMMYY	Elev 71.0 (masl) Easting 445 Y Well_Depth_m: 4.88000011444092 UTM RC	502Northing3margin of error : 10	5028840 - 30 m		Pumping WL Pump Rate		(mbgs) (LPM)	(masl) /
	/ Not Used Test Hole		Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbgs) (masi Street 454 GLADSTONE AVE Town/City OTTAWA		0.0	71.0	Color		Soil Descriptions	
			0.1	70.9	BLACK	/		1
			1.0	70.1	GREY	FILL /	SAND	/ GRAVEL
			1.1	69.9	BROWN	PEAT /		/
			2.0	69.1	BROWN	SAND /	GRAVEL	/ SILT
			4.9	66.1	GREY	CLAY /	SILTY	/
7046637	Lot Conc	OTTAWA	CITY / OTTAWA-CARL	ETON	Flowing?			
Date 2007-06-2	 2 Flev 72.6 (masl) Fasting 445	602 Northing	5029369		SWL		(mbgs)	(masl)
DDMMYY	Well Depth m: 8.22999954223633 UTM RC	3 margin of error : 10	- 30 m		Pumping WL		(mbgs)	(masl)
					Pump Rate Spoc. Cap		(LPM)	/ Hr / Min
	/ Observation Well	6	Depth (m)	Elev (masl)	opec. oap.			
	Water Found (mbgs) (masi Street 338 SOMERSET STREET WEST Town/City OTTAWA		0.0	72.6	Color		Soil Descriptions	
			0.0	71.6	BROWN		SANDY	
			1.5	71.0	BROWN	SILT /	SAND	/ CLAY
			3.7	68.9	BROWN	SILT /	CLAY	/ SOFT
			6.1	66.5	GREY	CLAY /	SILT	/ SOFT
			8.2	64.3	GREY	CLAY /	WATER-BEARING	/ SOFT
7103047	Lot Conc	OTTAWA	CITY / OTTAWA-CARL	ETON	Flowing? N		(mbga)	(maal)
Date 2008-03-03 DDMMYY	5 Elev 73.3 (masl) Easting 445 7 Well_Depth_m: 5.78999996185303 UTM RC	461 Northing 3 margin of error : 10	5029169 - 30 m		Pumping WL Pump Rate		(mbgs) (mbgs) (LPM)	(masl) /
	/ Test Hole Test Hole				Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbgs) (masi		Depth (m) 0.0	Elev (masl) 73.3	Color		Soil Descriptions	
	Town/City OTTAWA							
			2.4	70.8	BROWN	FILL /	SAND	/ SOFT
			4.5	68.7	GREY	CLAY /		/ SOFT
			5.8	67.5	GREY	CLAY /		/ SOFT
7121702	Lot Conc	OTTAWA	CITY / OTTAWA-CARL	ETON	Flowing?			
Date 2008-08-1 DDMMYY		444 Northing 3 margin of error : 10	5029914 - 30 m		SWL Pumping WL Pump Rate	7.0	(mbgs) 64.3 (mbgs) (LPM)	(masl) (masl) /
	/ Monitoring Toot Hala				Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbds) (mas)		Depth (m)	Elev (masl)				
	Street 150 SLATER STREET Town/City Ottawa		0.0	71.3	Color		Soil Descriptions	
			0.2	71.1		OTHER /		1
				70.6		OTHER /		1
						OTHER /		1
				71.1		OTHER /		1
						OTHER /		1

Vell Record #	Based on Ministry of Environment Water Well	Information Database June 30, 2022,	available online.
	0.2 71.1	OTHER /	1
		OTHER /	/
	70.7	OTHER /	/
	70.6	OTHER /	1
		OTHER /	/
		OTHER /	1
		OTHER /	1
		OTHER /	1
	70.7	OTHER /	1
		OTHER /	1
	71.0	OTHER /	1
	70.6	OTHER /	1
	71.1	OTHER /	1
	70.7	OTHER /	
	70.3	OTHER /	
		OTHER /	,
		OTHER /	/
		OTHER /	,
		OTHER /	1
	71.0	OTHER /	1
	71.0	OTHER /	1
		OTHER /	1
	70.7	OTHER /	1
	10.1	OTHER /	1
		OTHER /	1
	70.6	OTHER /	1
	70.0	OTHER /	1
	10.7	OTHER /	
		OTHER /	1
		OTHER /	
		OTHER /	1
		OTHER /	1
		OTHER /	1
		OTHER /	/
		OTHER /	1
	70.6	OTHER /	1
	71.0	OTHER /	/
		OTHER /	1
	70.7	OTHER /	1
		OTHER /	1
		OTHER /	1
		OTHER /	1
	71.0	OTHER /	1
	70.7	OTHER /	/
	71.0	OTHER /	/
		OTHER /	/
	70.3	OTHER /	/
		OTHER /	/
		OTHER /	1
		OTHER /	1
		OTHER /	1
	71.0	OTHER /	1
	1.8 69.0 GRE ^V	SAND / GRA	/EL / SILTY

Well Record #	Based on Ministry of Environm	nent Water	Well Information Datab	ase June 30, 2	2022, available	online.	
	1.8 69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	68	8.7	GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
	68	.7	GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	69	0	GREY	SAND /	GRAVEL		
			GREV	SAND /	GRAVEL		
			CREV	SAND /	GRAVEL		
	60	7	CREV	SAND /	CRAVEL		
	60		CREV	SAND /	CRAVEL		
	09	.4	GRET	SAND /	GRAVEL		
				SAND /	GRAVEL		
			GREY	SAND /	GRAVEL		
			GREY	SAND /	GRAVEL	/ SILIY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
	69	.4	GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
	69	.4	GREY	SAND /	GRAVEL	/ SILTY	
	68	8.7	GREY	SAND /	GRAVEL	/ SILTY	
	69	0.5	GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	69	.4	GREY	SAND /	GRAVEL	/ SILTY	
	69	.5	GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
	69	.5	GREY	SAND /	GRAVEL	/ SILTY	
	68	8.7	GREY	SAND /	GRAVEL	/ SILTY	
	69	.5	GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
	69	.5	GREY	SAND /	GRAVEL	/ SILTY	
	69	.1	GREY	SAND /	GRAVEL	/ SILTY	
	60	0.0	GREY	SAND /	GRAVE	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVE		
			GREY	SAND /	GRAVE		
			GREV	SAND /	GRAVE		
			CREV	SAND /	CRAVE!		
	00	5	CREV	SAND /	CRAVE!		
	69		CREV	SAND /	CRAVEL		
	69	. 1		SAND /	GRAVEL		
			GRET	SAND /	GRAVEL		
	69	.5	GREY	SAND /	GRAVEL	/ SILIY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
	69	0.1	GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
			GREY	SAND /	GRAVEL	/ SILTY	
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Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.								
	1.8	68.7	GREY	SAND /	GRAVEL	/ SILTY			
		69.1	GREY	SAND /	GRAVEL	/ SILTY			
			GREY	SAND /	GRAVEL	/ SILTY			
	2.6	68.5	GREY	CLAY /	SILTY	1			
		68.2	GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY				
			GREY	CLAY /	SILTY				
		68.5	GREY	CLAY /	SILTY				
			GREY	CLAY /	SILTY				
			GREY	CLAY /	SILTY				
			GREY	CLAY /	SILTY	, , ,			
			GREY		SILTY	,			
		67.8	GREV		SILTY	1			
		68.2	GREV		SILTY	1			
		67.9	CREV	CLAY /	SILTY	1			
		69.2	GRET	CLAY /	SILTY	1			
		00.2	GRET	CLAY /	SILTY	1			
			GRET	CLAY /	SILTY	1			
		<u> </u>	GREY	CLAY /	SILTY	1			
		68.6	GREY	CLAY /	SILTY	1			
		68.2	GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	/			
			GREY	CLAY /	SILTY	/			
		68.6	GREY	CLAY /	SILTY	/			
		67.8	GREY	CLAY /	SILTY	/			
		68.5	GREY	CLAY /	SILTY	/			
		67.8	GREY	CLAY /	SILTY	/			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
		68.6	GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
		67.8	GREY	CLAY /	SILTY	1			
		68.5	GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
		68.2	GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	/			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	1			
		67.8	GREY	CLAY /	SILTY	1			
		68.2	GREY	CLAY /	SILTY	1			
		00.2	GREY	CLAY /	SILTY	1			
			GREY	CLAY /	SILTY	/			
			GREV		SILTY	1			
			CREV			,			
		68 6	CREV			,			
		00.0	GRET			1			
		00.2	GREY	CLAY /		i I			
		00.0	GREY	CLAY /		1			
		68.6	GREY	CLAY /	SILTY	1			
		68.2	GREY	CLAY /	SILTY	1			

Well Record #	Based on Ministry of Er	vironment W	ater Well Information	Database June 30), 2022, availa	able online.
	2.6	68.6	GREY	CLAY /	SILTY	1
		67.8	GREY	CLAY /	SILTY	/
		68.6	GREY	CLAY /	SILTY	/
		67.8	GREY	CLAY /	SILTY	/
		68.6	GREY	CLAY /	SILTY	/
		68.2	GREY	CLAY /	SILTY	/
			GREY	CLAY /	SILTY	/
	5.9	65.3	GREY	SAND /	CLAY	/ SILTY
		64.8	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		64.8	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
		64.8	GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
		65.2	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		64.5	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
		64.8	GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
		65.3	GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
		64.5	GREY	SAND /	CLAY	/ SILTY
		64.9	GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY
			GREY	SAND /	CLAY	/ SILTY

64.5

GREY

SAND /

CLAY

/ SILTY

Well Record #	Based on Ministry of E	nvironment W	ater Well Informatio	on Database June 30), 2022, availa	able online.	
	5.9	64.9	GREY	SAND /	CLAY	/ SILTY	
		64.5	GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
		65.2	GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
		64.9	GREY	SAND /	CLAY	/ SILTY	
			GREY	SAND /	CLAY	/ SILTY	
	7.3	63.5	GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREV	SAND /	CLAY	/ SHALE	
		63.0	GREY	SAND /	CLAY	/ SHALE	
		03.9	GREV	SAND /		/ SHALE	
			GRET	SAND /	CLAY	/ SHALE	
		62 5	CREY	SAND /	CLAT	/ SHALE	
		03.0	CREY	SAND /	CLAY		
		63.9	GREY	SAND /	CLAY	/ SHALE	
		63.5	GREY	SAND /	CLAY	/ SHALE	
		63.9	GREY	SAND /	CLAY	/ SHALE	
		63.1	GREY	SAND /	CLAY	/ SHALE	
		63.8	GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
		63.1	GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
		63.5	GREY	SAND /	CLAY	/ SHALE	
		63.1	GREY	SAND /	CLAY	/ SHALE	
		63.5	GREY	SAND /	CLAY	/ SHALE	
		63.1	GREY	SAND /	CLAY	/ SHALE	
		63.5	GREY	SAND /	CLAY	/ SHALE	
		63.1	GREY	SAND /	CLAY	/ SHALE	
		63.5	GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
		63.1	GREY	SAND /	CLAY	/ SHALE	
		63.5	GREY	SAND /	CLAY	/ SHALE	
		63.8	GREY	SAND /	CLAY	/ SHALE	
		63.5	GREV	SAND /	CLAY	/ SHALE	
		63.1	CREV	SAND /	CLAY		
		63 5	CREV	SAND /	CLAT	/ SHALE	
		03.5	CREV	SAND /	CLAT	/ SHALE	
			GRET	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
		63.9	GREY	SAND /	CLAY	/ SHALE	
			GREY	SAND /	CLAY	/ SHALE	
			ONET	0, 110	OL/11	, OHALL	

Well Record #	Based on Ministry of E	nvironment W	ater Well Informatio	n Database June 3), 2022, availa	able online.
	7.3	63.9	GREY	SAND /	CLAY	/ SHALE
		63.5	GREY	SAND /	CLAY	/ SHALE
		63.9	GREY	SAND /	CLAY	/ SHALE
		63.5	GREY	SAND /	CLAY	/ SHALE
		63.8	GREY	SAND /	CLAY	/ SHALE
		63.5	CREV	SAND /	CLAY	/ SHALE
		03.5	GRET	SAND /	CLAY	/ SHALE
		03.0	GRET	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
		63.5	GREY	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
			GREY	SAND /	CLAY	/ SHALE
	30.8	40.5	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		39.6	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.5	BLACK	SHALE /	ROCK	/ LIMESTONE
		39.6	BLACK	SHALE /	ROCK	/ LIMESTONE
		00.0	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
		20.6	BLACK	SHALE /	ROCK	/ LIMESTONE
		39.0	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	RUCK	/ LIMESTONE
		40.4	BLACK	SHALE /	RUCK	/ LIMESTONE
		40.4	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		39.6	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.4	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.4	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
		39.6	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.5	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALL /	ROCK	
Sentember 11, 2022			DLAON	GIALL /	NOON	
September 11, 2023 Record Count 8						P

Vell Record #	Based on Ministry of I	Environment Wa	ater Well Information Dat	tabase June	e 30, 2022, availa	ble online.
	30.8	40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.4	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.5	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.1	BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
			BLACK	SHALE /	ROCK	/ LIMESTONE
		40.5	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.4	BLACK	SHALE /	ROCK	/ LIMESTONE
		40.0	BLACK	SHALE /	ROCK	/ LIMESTONE
7122530 Lot Conc OTTA	WA CITY / OTTAWA-CAR	LETON	Flowing?			
			SWL		(mbgs)	(masl)
Date 2009-03-16 Elev 72.1 (masl) Easting 445353 Northing	g 5028896		Pumping WL		(mbgs)	(masl)
DDMMYY Well_Depth_m: 2.74000000953674 UTM RC 3 margin of error	' : 10 - 30 m		Pump Rate		(LPM)	, ,
/ Manitaring and To Toot Halo			Spec. Cap.		(LPM/m)	Hr / Min
Mater Found (mbrac) (model)	Depth (m)	Elev (masl)			. ,	
Street 111 FLORENCE ST. Town/City Ottawa	0.0	72.1	Color		Soil Description	s
	0.6	71.5	BROWN	FILL /	GRAVEL	/ SAND
		71.4	BROWN	FILL /	GRAVEL	/ SAND
		69.4	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
		71.5	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
		70.8	BROWN	FILL /	GRAVEL	/ SAND
		69.4	BROWN	FILL /	GRAVEL	/ SAND
		71.4	BROWN	FILL /	GRAVEL	/ SAND
		69.4	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
				FILL /	GRAVEL	/ SAND
		70.8	BROWN	FILL /	GRAVEL	/ SAND
		70.8	BROWN BROWN	FUL /		
		70.8 71.5	BROWN BROWN BROWN		GRAVEL	/ SAND
		70.8 71.5	BROWN BROWN BROWN BROWN	FILL /	GRAVEL GRAVEL	/ SAND / SAND
		70.8 71.5 71.4	BROWN BROWN BROWN BROWN BROWN	FILL / FILL /	GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND
		70.8 71.5 71.4 70.8	BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5	BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4	BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4	BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4	BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND / SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4	BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL / FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND / SAND / SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4 70.8	BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL / FILL / FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND / SAND / SAND / SAND / SAND / SAND / SAND / SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4 70.8 71.4	BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL / FILL / FILL / FILL / FILL / FILL / FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND
		70.8 71.5 71.4 70.8 71.5 71.4 70.8 71.4 70.8	BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	FILL / FILL /	GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL GRAVEL	/ SAND / SAND

Well Record #	Based on Ministry of	f Environment W	ater Well Information	on Database June 30), 2022, availa	ble online.
	0.6	71.5	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
		71.4	BROWN	FILL /	GRAVEL	/ SAND
		70.8	BROWN	FILL /	GRAVEL	/ SAND
		69.4	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	
			BROWN	FILL /	GRAVEL	
		71.5	BROWN		GRAVEL	/ SAND
		71.5	BROWN		GRAVEL	/ SAND
		71.4	BROWN		CRAVEL	/ SAND
		71.5	BROWN		CRAVEL	/ SAND
		60.4	BROWN	FILL /	GRAVEL	/ SAND
		09.4	BROWN	FILL /	GRAVEL	/ SAND
		70.8	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
		71.4	BROWN	FILL /	GRAVEL	/ SAND
			BROWN	FILL /	GRAVEL	/ SAND
		70.8	BROWN	FILL /	GRAVEL	/ SAND
	1.5	69.9	BROWN	CLAY /	SILT	/ DENSE
		68.5	BROWN	CLAY /	SILT	/ DENSE
		70.6	BROWN	CLAY /	SILT	/ DENSE
		68.5	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
		69.9	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
		70.6	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
		68.5	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
		70.6	BROWN	CLAY /	SILT	/ DENSE
		68.5	BROWN	CLAY /	SILT	/ DENSE
		70.6	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
		69.9	BROWN	CLAY /	SILT	/ DENSE
		00.0	BROWN	CLAY /	SILT	/ DENSE
		68.5	BROWN	CLAY /	SILT	/ DENSE
		69.9	BROWN	CLAY /	SILT	/ DENSE
		00.0	BROWN	CLAY /	SILT	/ DENSE
			BROWN		SILT	/ DENSE
		70.6	BROWN		SILT	/ DENSE
		60.0	BROWN	CLAY /		
		70 6	BROWN	CLAT /		
		70.0	BROWN			
Sontomber 11 2023			DRUWN	GLAT /	SILI	Page 10 of 94
Copromoti 1, 2020						Fage 10 01 04

well Record #	Based on Ministry of I	Environment V	Vater Well Informatio	on Database June 30), 2022, availa	able online.
	1.5	70.6	BROWN	CLAY /	SILT	/ DENSE
	1.0	10.0	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN		SILT	/ DENSE
		60.0	BROWN		SILT	
		68.5	BROWN		SILT	
		06.5	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
		70.0	BROWN	CLAY /	SILT	/ DENSE
		70.6	BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
			BROWN	CLAY /	SILT	/ DENSE
	2.7	69.3	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		69.4	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		67.2	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		68.7	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		69.3	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		69.4	GREY	CLAY /	SILT	/ WATER-BEARING
		69.3	GREY	CLAY /	SILT	/ WATER-BEARING
		69.4	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		67.2	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		68.7	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY		SILT	/ WATER BEARING
		60.4	GREV		SILT	/ WATER BEARING
		67.2	CREV	CLAY /		
		60.2	GRET	CLAY /	SILT	/ WATER-DEARING
		09.5	GRET	CLAY /	SILT	/ WATER-DEARING
		67.0	GRET	CLAY /	SILT	/ WATER-BEARING
		67.2	GRET	CLAY /	SILT	/ WATER-DEARING
		69.4	GRET	CLAY /	SILT	/ WATER-BEARING
		69.3	GREY	CLAY /	SILT	/ WATER-BEARING
		69.4	GREY	CLAY /	SILT	/ WATER-BEARING
		69.3	GREY	CLAY /	SILI	/ WATER-BEARING
		67.2	GREY	CLAY /	SILT	/ WAIER-BEARING
		68.7	GREY	CLAY /	SILT	/ WATER-BEARING
		69.3	GREY	CLAY /	SILT	/ WATER-BEARING
		67.2	GREY	CLAY /	SILT	/ WATER-BEARING
		68.7	GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
			GREY	CLAY /	SILT	/ WATER-BEARING
		67.2	GREY	CLAY /	SILT	/ WATER-BEARING
			CDEV		CII T	/ WATER READING

Well	Record #					Based on	Ministry of E	Environment Wa	ater Well Information	n Database Jun	e 30, 2022, ava	ailable online.
							2.7	69.4	GREY	CLAY /	SILT	/ WATER-BEARING
								69.3	GREY	CLAY /	SILT	/ WATER-BEARING
									GREY	CLAY /	SILT	/ WATER-BEARING
								69.4	GREY	CLAY /	SILT	/ WATER-BEARING
									GREY	CLAY /	SILT	/ WATER-BEARING
7	100977	Lat	Cono		ΟΤΤΑΜ			ETON	Flowir	na?		
1	122077	LOI	CONC		OTAN				s	WI 39	(mbas)	63.2 (masl)
Date	2009-02-18	Elev	67.1 (masl)	Easting 445825	5 Northing	5028690			Pumping	WI	(mbas)	(masl)
	DDMMYY	Well_Depth_m:	4.80000019073486	UTM RC 4	margin of error : 3	80 m - 100 m			Pump R	ate	(LPM)	/
									Spec. C	ap.	(LPM/m)	Hr / Min
			/ Monitoring and i	e lest Hole			Depth (m)	Elev (masl)				
		water Foun	ia (mbgs)	(masi)			0.0	67.1	Color		Soil Descript	ions
		Street Town/City	512 BANK STREET Ottawa									
							0.1	67.0		OTHER /		1
							0.1	66.9		OTHER /		1
								67.0		OTHER /		
										OTHER /		/
										OTHER /		1
										OTHER /		1
								66.9		OTHER /		1
										OTHER /		1
								67.0		OTHER /		/
										OTHER /		/
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								66.9		OTHER /		/
								67.0		OTHER /		/
								66.9		OTHER /		/
										OTHER /		/
										OTHER /		/
										OTHER /		1
								07.0		OTHER /		
							0.6	67.0	REOWN	OTHER /	F U 1	
							0.0	00.4	BROWN	GRAVEL /		/ MEDIUM SAND
								66 F	BROWN	GRAVEL /	FILL	
								66.4	BROWN	GRAVEL /		
								66.5	BROWN	GRAVEL /	FILL	
								00.0	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
									BROWN	GRAVEL /	FILL	/ MEDIUM SAND
								66.4	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
Septer Record	nber 11, 2023 d Count 10											Page 12 of

Well Record #	Based on Ministry of E	Environment Wa	ter Well Information Dat	abase June	30, 2022, availa	able online.
	0.6	66.5	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
		66.4	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
		66.5	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
		66.4	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
		66.5	BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
			BROWN	GRAVEL /	FILL	/ MEDIUM SAND
	4.8	62.3	BROWN	CLAY /	SOFT	
	4.0	02.0	BROWN		SOFT	
			BROWN		SOFT	
			BROWN		SOFT	
		62.2	BROWN	CLAY /	SOFT	
		02.2		CLAY /	SOFT	
		62.3	BROWN	CLAY /	SOFT	
		02.2		CLAY /	SUFI	
		62.3	BROWN	CLAY /	SOFT	
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
		62.2	BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
		62.3	BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
		62.2	BROWN	CLAY /	SOFT	/ DRY
		62.3	BROWN	CLAY /	SOFT	/ DRY
		62.2	BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
			BROWN	CLAY /	SOFT	/ DRY
		62.3	BROWN	CLAY /	SOFT	/ DRY
7120014 Lot Cono 011			Flowing?			
7130914 LOL CONC 011		LETON	swi		(mbas)	(masl)
Date 2009-07-24 Elev 71.8 (masl) Easting 445494 North	ing 5029650		Bumping WI		(mbgs)	(masl)
DDMMYY Well Depth m: 6.09999990463257 UTM RC 3 margin of err	ror : 10 - 30 m				(IIDys)	(11/4/51)
						/ Hr / Min
/ Monitoring Test Hole	Depth (m)	Elev (masl)	Spec. Cap.			
Water Found (mbgs) (masl) Street 154 O'CONNOR STREET Town/City Ottawa	0.0	71.8	Color		Soil Descriptior	IS
	.	74 7		OTUER /		
	0.1	71.7		OTHER /		1
				OTHER /		1
				OTHER /		1
				OTHER /		1
		_		OTHER /		/
		71.8		OTHER /		/

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	0.1 71.8	OTHER /	1			
		OTHER /	/			
	71.8	OTHER /	/			
		OTHER /	/			
		OTHER /	1			
		OTHER /	/			
	72.2	OTHER /	/			
		OTHER /	/			
		OTHER /	/			
	71.8	OTHER /	/			
	71.7	OTHER /	/			
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	71.8	OTHER /	/			
	71.7	OTHER /	/			
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		OTHER /	/			
		OTHER /	/			
	71.8	OTHER /	/			
	71.7	OTHER /	/			
		OTHER /	/			
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		OTHER /	/			
	72.1	OTHER /	/			
	71.7	OTHER /	/			
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		OTHER /	1			
	72.3	OTHER /	1			
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	72.1	OTHER /	1			
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	71.8	OTHER /	/			
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	71.8	OTHER /	/			
	71.7	OTHER /	/			
	72.1	OTHER /	/			
	71.8	OTHER /	/			
	72.2	OTHER /	/			
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		OTHER /	/			
	71.7	OTHER /	/			
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Well Record #	Based on Ministry of Environment Water Well In	formation Database June 30, 2022,	available online.
	0.1	OTHER /	/
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	72.3	OTHER /	1
	71.8	OTHER /	
	71 7	OTHER /	
	71.8	OTHER /	
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	72.2	OTHER /	
	72.1	OTHER /	,
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	72.2	OTHER /	/
	12.2	OTHER /	/
	72.2	OTHER /	/
	12.2	OTHER /	/
		OTHER /	/
		OTHER /	1
	70.4	OTHER /	1
	12.1	OTHER /	1
	70.4	OTHER /	1
	72.1	OTHER /	1
	11.1	OTHER /	1
		OTHER /	1
	70.0	OTHER /	1
	72.3	OTHER /	1
	70.0	OTHER /	1
	72.3	OTHER /	1
	74.0	OTHER /	/
	/1.8	OTHER /	1
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	72.1	OTHER /	/
	72.3	OTHER /	/
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	72.3	OTHER /	1
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		OTHER /	/
		OTHER /	/
	72.1	OTHER /	/
		OTHER /	/
September 11, 2023			Page 15 of 8

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
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	71.8	OTHER /	1			
	72.2	OTHER /	1			
	71.7	OTHER /	1			
	72.2	OTHER /	1			
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	72.2	OTHER /				
	71 7	OTHER /				
	72.2	OTHER /				
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	70.1	OTHER /	1			
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	12.2	OTHER /	1			
	74.7	OTHER /	1			
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	72.3	OTHER /	1			
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	72.2	OTHER /	/			
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	71.7	OTHER /	/			
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		OTHER /	/			
	71.8	OTHER /	/			
September 11, 2023			Page 16 of 8			

Well Record # Based on Ministry of Environment Water Well Information Database June 30, 2022, available						
	0.1 71.7	OTHER /	1			
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	71.8	OTHER /	/			
	72.2	OTHER /	1			
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	72.1	OTHER /	1			
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September 11, 2023 Record Count 11			Page 17 of			

Well Record #	Based on Ministry of Environment Water Well Inf	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.				
	0.1 72.1	OTHER /	1			
	72.2	OTHER /	/			
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	71.7	OTHER /	/			
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		OTHER /	/			
	72.3	OTHER /	/			
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	72.1	OTHER /	/			
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	71.7	OTHER /	/			
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	72.2	OTHER /	/			
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		OTHER /	/			
		OTHER /	/			
		OTHER /	/			
		OTHER /	/			
	72.1	OTHER /	/			
	72.3	OTHER /	/			
		OTHER /	/			
		OTHER /	/			
		OTHER /	/			
	72.1	OTHER /	/			
		OTHER /	/			
	71.7	OTHER /	/			
	72.1	OTHER /	/			
	72.3	OTHER /	/			
September 11, 2023			Page 18			

Well Record #	Based on Ministry of Environment Wat	ter Well Information Database June 30, 2022, availab	le online.
	0.1 72.1	OTHER /	1
		OTHER /	1
	72.3	OTHER /	1
	71.7	OTHER /	1
		OTHER /	1
	71.8	OTHER /	
	71.7	OTHER /	,
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	71.8	OTHER /	,
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	7	OTHER /	1
		OTHER /	1
		OTHER /	1
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	72.3		1
	72.3		
	71.7		
	/1.0		1
		OTHER /	1
		OTHER /	1
		OTHER /	1
	70.0	OTHER /	1
	72.3	OTHER /	1
		OTHER /	1
	71.7	OTHER /	1
	71.8	OTHER /	1
	(1.7	OTHER /	1
		OTHER /	1
	72.2	OTHER /	1
		OTHER /	1
	71.7	OTHER /	1
		OTHER /	1
		OTHER /	/
		OTHER /	1
		OTHER /	/
		OTHER /	/
	72.2	OTHER /	1
	71.8	OTHER /	/
		OTHER /	/
		OTHER /	/
		OTHER /	/
	71.7	OTHER /	1
		OTHER /	1
	71.7	OTHER /	1
	72.3	OTHER /	1
	71.7	OTHER /	1
	72.3	OTHER /	1
	71.7	OTHER /	1
		OTHER /	1
	72.3	OTHER /	1
		OTHER /	1
	72.3	OTHER /	1
Sontombor 11 2023		·	Page 19 of 84

1 01 01 01 01 01 01 01 94 71.8 0047 00471 011 011 011 0047 00471 011 011 011 011 011 0047 00471 011 011 011 011 011 011 0047 00471 011	Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
14 11.8 GRY BAD // GRA // / PLI GRY BAD // GRA // GRA // / PLI GRY BAD // GRA // GRA // / PLI GRY SAD // GRA // / PLI		0.1			OTHER /		/	
現日 「日本 「日本 「日本 「日本 11.4 「日本 「日本 「日本 「日本 12.4 「日本 「日本 「日本 「日本 13.4 「日本 「日本 「日本 「日本 14.4 「日本 「日本 「日本 「日本 14.5		0.4	71.8	GREY	SAND /	GRAVEL	/ FILL	
평당 용자 6 6 5 5 5 11-1 6 6 5 5 5 5 11-1 6 5 5 5 5 5 5 11-1 6 5 5 5 5 5 5 11-1 6 5 5 5 5 5 5 11-1 6 5				GREY	SAND /	GRAVEL	/ FILL	
всер SAND/ GRPV SAND/ GRVE FIL 0 GRPV SAND/ GRVE FIL 1 GRPV SAND/ GRVE FIL 1 GRPV SAND/ GRVE FIL				GREY	SAND /	GRAVEL	/ FILL	
пере SND () GRAVEL (FIL 1/4 GREY SND () GRAVEL (FIL 0 GREY SND () GRAVEL <td></td> <td></td> <td></td> <td>GREY</td> <td>SAND /</td> <td>GRAVEL</td> <td>/ FILL</td> <td></td>				GREY	SAND /	GRAVEL	/ FILL	
714 GRPY SND () GRAVEL / FIL GRPY				GREY	SAND /	GRAVEL	/ FILL	
			71.4	GREY	SAND /	GRAVEL	/ FILL	
GREY SAN () GRAVE (FIL) GREY SAN () GRAVE				GREY	SAND /	GRAVEL	/ FILL	
GREY SAN / GRV / FIL				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVE / FIL GREY SAND / GRAVE				GREY	SAND /	GRAVEL	/ FILL	
08P SN0 / 08AVE. / FL 14 08P SN0 / 08AVE. / FL 174 08P SN0 / 08AVE.				GREY	SAND /	GRAVEL	/ FILL	
0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL 1 R 0 RPY SN0 / 0 RAVE, / FL				GREY	SAND /	GRAVEL	/ FILL	
GRP GRP				GREY	SAND /	GRAVEL	/ FILL	
0 0 0 0 0 0 0 0 0				GREY	SAND /	GRAVEL	/ FILL	
720 GREY SMD / GRAVEL / FLL TA GREY SMD / GRAVEL / FLL GREY				GREY	SAND /	GRAVEL	/ FILL	
GREY SAD / GRAVEL / FLI GREY SAD / GRAVEL			72.0	GREY	SAND /	GRAVEL	/ FILL	
GREY SND / GRVPL / GREY				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRVPL Y FLI GREY SAND / GRVPL Y FLI GREY SAND / GRVPL Y FLI GREY SAND / GRVPL / Y FLI GREY SAND / GRVPL / / / GREY SAND / GRVPL / / / / GREY SAND / GRVPL / / / / / GREY SAND / GRVPL / / / / / GREY SAND / GRVPL / / / / / / / GREY SAND / GRVPL / / / / / / GREY SAND				GREY	SAND /	GRAVEL	/ FILL	
GREY SMD / GRAVEL / FIL GREY SAD / GRAVEL				GREY	SAND /	GRAVEL	/ FILL	
0REY SAND / 0RAVEL / FIL 71.4 0REY SAND / 0RAVEL / FIL 11 0REY SAND / 0RAVEL / FIL 71.4 0REY SAND / 0RAVEL / FIL 71.5 0REY SAND / 0RAVEL / FIL 71.4 0REY SAND / 0RAVEL / FIL 0REY SAND / 0RA				GREY	SAND /	GRAVEL	/ FILL	
71.4 GREY SAD // GRAVEL / FIL 71.4 GREY SAD // GRAVEL / FIL 71.4 GREY SAD // GRAVEL / FIL 71.8 GREY SAD // GRAVEL / FIL 71.8 GREY SAD // GRAVEL / FIL 71.4 GREY SAD // GRAVEL / FIL 71.5 GREY SAD // GRAVEL / FIL GREY SAD //				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / Full 714 GREY SAND // GRAVEL / Full 718 GREY SAND // GRAVEL / Full 718 GREY SAND // GRAVEL / Full 718 GREY SAND // GRAVEL / Full 719 GREY SAND // GRAVEL / Full 714 GREY SAND // GRAVEL / Full 714 GREY SAND // GRAVEL / Full 670 GREY SAND // GRAVEL / Full 671 GREY SAND // GRAVEL / Full 671 GREY SAND // GRAVEL / Full 6720 GREY SAND // GRAVEL / Full 715 GREY SAND // GRAVEL / Full 714 GREY SAND // GRAVEL / Full 715 GREY SAND // GRAVEL / Full 716 GREY SAND // GRAVEL / Full GREY SAND //			71.4	GREY	SAND /	GRAVEL	/ FILL	
71.4 GREY SAND / GRAVEL / FIL 71.8 GREY SAND / GRAVEL / FIL 71.8 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL GREY SAN				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FIL 71.8 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL GREY SAND / G			71.4	GREY	SAND /	GRAVEL	/ FILL	
71.8 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL GREY SAND / G				GREY	SAND /	GRAVEL	/ FILL	
7:9 GREY SAND / GRAVEL / FIL 7:1 GREY SAND / GRAVEL / FIL 7:1 GREY SAND / GRAVEL / FIL 7:1 GREY SAND / GRAVEL / FIL 7:4 GREY SAND / GRAVEL / FIL 7:4 GREY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL 72.0 GREY SAND / GRAVEL / FIL 71.5 GREY SAND / GRAVEL / FIL 71.6 GREY SAND / GRAVEL / FIL 71.7 GREY SAND / GRAVEL / FIL 71.8 GREY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL 6REY SAND /			71.8	GREY	SAND /	GRAVEL	/ FILL	
71.4 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL 71.5 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL GREY SAN			71.9	GREY	SAND /	GRAVEL	/ FILL	
71.9 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL GREY SAND / GRAVEL / FIL <td< td=""><td></td><td></td><td>71.4</td><td>GREY</td><td>SAND /</td><td>GRAVEL</td><td>/ FILL</td><td></td></td<>			71.4	GREY	SAND /	GRAVEL	/ FILL	
71.4 GREY SAND / GRAVEL / Full T1.5 GREY SAND / GRAVEL / Full GREY SAND / GRAVEL / Full / GREY SAND / GRAVEL / Full /<			71.9	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL 71.5 GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL /			71.4	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL 71.5 GREY SAND / GRAVEL / FILL 71.6 GREY SAND / GRAVEL / FILL 71.7 GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FIL T1.5 GREY SAND / GRAVEL / FIL GREY <td< td=""><td></td><td></td><td></td><td>GREY</td><td>SAND /</td><td>GRAVEL</td><td>/ FILL</td><td></td></td<>				GREY	SAND /	GRAVEL	/ FILL	
Squeet 1, 202 Squeet 1, 202<				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FIL GREY SAND / GRAVEL / FIL 72.0 GREY SAND / GRAVEL / FIL 71.5 GREY SAND / GRAVEL / FIL 71.6 GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL GREY SAND / GRAVEL <td< td=""><td></td><td></td><td></td><td>GREY</td><td>SAND /</td><td>GRAVEL</td><td>/ FILL</td><td></td></td<>				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FIL 72.0 GREY SAND / GRAVEL / FIL 72.0 GREY SAND / GRAVEL / FIL 7.1 GREY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL 7.1 GREY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.9 GREY SAND / GRAVEL / FIL 71.5 GREY SAND / GRAVEL / FIL 71.6 GREY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL 71.5 GREY SAND / GRAVEL / FIL 6REY SAND / GRAVEL / FIL				GREY	SAND /	GRAVEL	/ FILL	
72.0 GREY SAND / GRAVEL / FILL 71.5 GREY SAND / GRAVEL / FILL 6REY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 6REY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 6REY SAND / GRAVEL / FILL 71.4<				GREY	SAND /	GRAVEL	/ FILL	
71.5 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL			72.0	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FIL 71.4 GREY SAND / GRAVEL / FIL T1.9 GREY SAND / GRAVEL / FIL T1.5 GREY SAND / GRAVEL / FIL GREY SAND / GRAVEL / FIL <td></td> <td></td> <td>71.5</td> <td>GREY</td> <td>SAND /</td> <td>GRAVEL</td> <td>/ FILL</td> <td></td>			71.5	GREY	SAND /	GRAVEL	/ FILL	
71.4 GREY SAND / GRAVEL / FiL 71.9 GREY SAND / GRAVEL / FiL GREY SAND / GRAVEL / FIL <td< td=""><td></td><td></td><td></td><td>GREY</td><td>SAND /</td><td>GRAVEL</td><td>/ FILL</td><td></td></td<>				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL T1.9 GREY SAND / GRAVEL / FILL			71.4	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL T1.9 GREY SAND / GRAVEL / FILL T1.5 GREY SAND / GRAVEL / FILL				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FIL T1.9 GREY SAND / GRAVEL / FIL GREY <td< td=""><td></td><td></td><td></td><td>GREY</td><td>SAND /</td><td>GRAVEL</td><td>/ FILL</td><td></td></td<>				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 6REY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL </td <td></td> <td></td> <td></td> <td>GREY</td> <td>SAND /</td> <td>GRAVEL</td> <td>/ FILL</td> <td></td>				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.5 GREY SAND / GRAVEL / FILL 71.5 GREY SAND / GRAVEL / FILL TI.4 GREY SAND / GRAVEL / FILL TI.4 GREY SAND / GRAVEL / FILL TI.5 GREY SAND / GRAVEL / FILL TI.5 GREY SAND / GRAVEL / FILL TI.5 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL				GREY	SAND /	GRAVEL	/ FILL	
71.9 GREY SAND / GRAVEL / FILL 71.5 GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL September 11, 2023				GREY	SAND /	GRAVEL	/ FILL	
71.5 GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL September 11, 2023			71.9	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL September 11, 2023 GREY SAND / GRAVEL / FILL			71.5	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL 71.4 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL September 11, 2023 GREY SAND / GRAVEL / FILL				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FilL GREY SAND / GRAVEL / FilL 71.4 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 71.4 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 71.9 GREY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 800 GREY SAND / GRAVEL / FilL 90 G				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FilL 71.4 GREY SAND / GRAVEL / FilL GREY SAND / GRAVEL / FilL GREY SAND / GRAVEL / FilL 71.9 GREY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 6REY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 72.0 GREY SAND / GRAVEL / FilL 75.0 GREY SAND / GRAVEL / FilL 70.0				GREY	SAND /	GRAVEL	/ FILL	
71.4 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL 6REY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL				GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL 71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL September 11, 2023 GREY SAND / GRAVEL / FILL			71.4	GREY	SAND /	GRAVEL	/ FILL	
71.9 GREY SAND / GRAVEL / FILL 72.0 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL September 11, 2023 GREY SAND / GRAVEL / FILL				GREY	SAND /	GRAVEL	/ FILL	
The CHE THE 72.0 GREY SAND / GRAVEL / FILL GREY SAND / GRAVEL / FILL September 11, 2023 GREY SAND / GRAVEL / FILL			71.9	GREY	SAND /	GRAVEL	/ FILL	
GREY SAND / GRAVEL / FILL September 11, 2023 GREY SAND / GRAVEL / FILL			72.0	GREY	SAND /	GRAVEL	/ FILL	
September 11, 2023 Page 20 of 84				GREY	SAND /	GRAVEL	/ FILL	
	September 11, 2023							Page 20 of 84

Well Record # Base	ed on Ministry of Env	vironment Wat	er Well Information	Database June 30), 2022, availa	ble online.
	0.4	72.0	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
		71.9	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
		71.4	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
		71.8	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
		71.9	GREY	SAND /	GRAVEL	/ FILL
		71.5	GREY	SAND /	GRAVEL	/ FILL
		71.9	GREY	SAND /	GRAVEL	/ FILL
		71.4	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
		71 9	GREY	SAND /	GRAVEL	/ FILL
		11.0	GREY	SAND /	GRAVEL	/ FILL
		71.5	GREY	SAND /	GRAVEL	/ FILL
		72.0	GREY	SAND /	GRAVEL	/ FILL
		71.5	GREY	SAND /	GRAVEL	/ FILL
		71.0	GREY	SAND /	GRAVEL	/ FILL
		71.5	CREV	SAND /	GRAVEL	/ FILL
		11.5	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	
		72.0	GREY	SAND /	GRAVEL	
		72.0	GREY	SAND /	GRAVEL	
		71.0	CREY	SAND /	GRAVEL	
		71.5	CREV	SAND /	CRAVEL	
		71.5	CREV	SAND /	CRAVEL	
		71 4	CREY	SAND /	GRAVEL	
		71.4	GREY	SAND /	GRAVEL	
		71.0	CREV	SAND /	CRAVEL	
			CREV	SAND /	CRAVEL	
			CREY	SAND /	GRAVEL	
			CREY	SAND /	GRAVEL	
			CREV	SAND /	CRAVEL	
			GRET	SAND /	GRAVEL	/ FILL
			GRET	SAND /	GRAVEL	
		72.0	CREY	SAND /	GRAVEL	
		72.0	CREY	SAND /	GRAVEL	
			GRET	SAND /	GRAVEL	/ FILL
		74 5	GRET	SAND /	GRAVEL	
		71.5	GRET	SAND /	GRAVEL	
		/ 1.0	GRET	SAND /	GRAVEL	
		74.4	GRET	SAND /	GRAVEL	
		71.4	GRET	SAND /	GRAVEL	
			GRET	SAND /		
			GRET	SAND /		
			GREY	SAND /	GRAVEL	
		74.5	GREY	SAND /	GRAVEL	
		/1.5	GREY	SAND /	GRAVEL	
		74.5	GREY	SAND /	GRAVEL	/ FILL
		71.5	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL

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Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.							
	0.4	71.5	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
		71.8	GREY	SAND /	GRAVEL	/ FILL		
		71.4	GREY	SAND /	GRAVEL	/ FILL		
		72.0	GREY	SAND /	GRAVEL	/ FILL		
		71.8	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
		71.4	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
		71.8	GREY	SAND /	GRAVEL	/ FILL		
		11.0	GREY	SAND /	GRAVEL	/ FILL		
		71.8	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
		71 /	GREY	SAND /	GRAVEL	/ FILL		
		71.4	GREY	SAND /	GRAVEL	/ FILL		
		72.0	GREY	SAND /	GRAVEL	/ FILL		
		12.0	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
		71.0	GREY	SAND /	GRAVEL	/ FILL		
		71.9	CREV	SAND /	GRAVEL	/ 5111		
		71.0	CREV	SAND /	GRAVEL			
			CREV	SAND /	GRAVEL			
		71.9	GREY	SAND /	GRAVEL	/ FILL		
		11.5	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
		71.9	GREY	SAND /	GRAVEL	/ FILL		
		71.8	GREY	SAND /	GRAVEL	/ FILL		
		71.0	CREV	SAND /	GRAVEL			
		71.9	CREV	SAND /	GRAVEL			
		71.0	CREV	SAND /	GRAVEL			
		71.9	GREV	SAND /	GRAVEL	/ FILL		
		11.3	GREV	SAND /	GRAVEL	/ FILL		
		72 0	GREV	SAND /	GRAVEL			
		12.0	CREV	SAND /	CRAVEL			
		71 4		SAND /				
		71.4		SAND /				
		72.0	GREI	SAND /	GRAVEL			
		/ 1.4	GREI	SAND /	GRAVEL			
September 11, 2023			GILLI	SAND /	GIVAVEL	/ IFILL	Page 22 of 84	

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
	0.4	72.0	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.9	GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.9	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
		71.9	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.9	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
Partomber 14, 2022							

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.							
	0.4		GREY	SAND /	GRAVEL	/ FILL		
	7	1.8	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	7	1.9	GREY	SAND /	GRAVEL	/ FILL		
	7	1.5	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	7	1.9	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	_		GREY	SAND /	GRAVEL			
	7	1.9	GREY	SAND /	GRAVEL			
	7	1.5	GREY	SAND /	GRAVEL	/ FILL		
	7	1.9	GREY	SAND /	GRAVEL	/ FILL		
	/	1.4	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL			
			GRET	SAND /	GRAVEL			
			GRET	SAND /	GRAVEL			
			CREV	SAND /	CRAVEL			
			CREV	SAND /	GRAVEL			
	7	10	CREV	SAND /	GRAVEL			
	7	1.5	GREY	SAND /	GRAVEL			
	,	1.5	GREY	SAND /	GRAVEL			
	7	14	GREY	SAND /	GRAVEL			
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	7'	1.5	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	7	1.4	GREY	SAND /	GRAVEL	/ FILL		
	7	1.5	GREY	SAND /	GRAVEL	/ FILL		
	7	1.4	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	7:	2.0	GREY	SAND /	GRAVEL	/ FILL		
	7	1.4	GREY	SAND /	GRAVEL	/ FILL		
	7	1.5	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
	7:	2.0	GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
			GREY	SAND /	GRAVEL	/ FILL		
September 11, 2023						Page 24 of 84		

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
	0.4	72.0	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREV	SAND /	GRAVEL	/ EU I	
		71.5	CREV	SAND /	GRAVEL		
		71.4	CREV	SAND /	CRAVEL	/ FILL	
			GRET	SAND /	GRAVEL		
			GRET	SAND /	GRAVEL	/ FILL	
		71.0	GRET	SAND /	GRAVEL	/ FILL	
		71.9	GRET	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
		74.0	GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.8	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.4	GREY	SAND /	GRAVEL	/ FILL	
		72.0	GREY	SAND /	GRAVEL	/ FILL	
		71.9	GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
			GREY	SAND /	GRAVEL	/ FILL	
		71.5	GREY	SAND /	GRAVEL	/ FILL	
September 11, 2023							Page 25 of 84

Well Record #	Based on Ministry of En	vironment W	ater Well Informatio	n Database June 30	, 2022, availa	ble online.
	0.4	71.9	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
		71.4	GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
			GREY	SAND /	GRAVEL	/ FILL
	0.5	71.3	BROWN	SAND /	FILI	/
	0.0	71.0	BROWN	SAND /	FILL	1
		71.5	BROWN	SAND /	EILI	1
		71.4	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		74.0	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	1
		71.4	BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
		71.7	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71 4	BROWN	SAND /	FILL	,
		71.7	BROWN	SAND /	FILL	,
		71.7	BROWN	SAND /	FILL	,
		71.4	BROWN	SAND /	FILL	,
		71.7	BROWN	SAND /	EUL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.4	BROWN	SAND /	FILL	1
		71.7	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	1
		71.8	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	/

Well	Record	1#
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Based on Ministry of Env	vironment W	ater Well Informati	on Database June 30,	2022, availa	able online.	
0.5	71.3	BROWN	SAND /	FILL	1	
	71.8	BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	1	
	71.8	BROWN	SAND /	FILL	1	
	71.9	BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
	71.8	BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.9	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	/	
	71.9	BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
	74.0	BROWN	SAND /	FILL	1	
	71.3	BROWN	SAND /	FILL	1	
	71.9	BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /		,	
	71 3	BROWN	SAND /		,	
	71.3	BROWN	SAND /	EILI	,	
	11.5	BROWN	SAND /	FILL	,	
	71 9	BROWN	SAND /	FILL	,	
	71.4	BROWN	SAND /	FILL		
	71.9	BROWN	SAND /	FILI		
	71.7	BROWN	SAND /	FILL		
	71,9	BROWN	SAND /	FILL	/	
	71,4	BROWN	SAND /	FILL		
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	0.5	71.4	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
		71.9	BROWN	SAND /	FILL	/
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	/
		71.7	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
		71.7	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
		71.7	BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.7	BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
		71.3	BROWN	SAND /	FILL	/
		71.7	BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
		71.4	BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.3	BROWN	SAND /	FILL	1
		71.8	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1

71.3

BROWN

SAND /

FILL

1

Well	Record	#
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Based on Ministry of Env	ironment	Water Well Informat	ion Database June 30, 2	2022, ava	ilable online.	
0.5	71.3	BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.4	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	/	
	71.4	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.7	BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.4	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
	71.4	BROWN	SAND /	FILL	1	
	71.8	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.3	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	

SAND /

SAND /

SAND /

SAND /

BROWN

BROWN

BROWN

BROWN

71.8

1

1

/

1

FILL

FILL

FILL

FILL

Well	Record	1#
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 Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.

 0.5
 71.3
 BROWN
 SAND /
 FiLL
 /

 BROWN
 SAND /
 FILL
 /

BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	EIL /
BROWN SAND /	FILL /
71.3 BROWN SAND /	FILL /
BROWN SAND /	
71.3 BROWN SAND /	
71.4 BROWN SAND /	
71.3 BROWN SAND /	
BROWN SAND /	
BROWN SAND /	
BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.4 BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.7 BROWN SAND /	FILL /
71.4 BROWN SAND /	FILL /
71.3 BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.7 BROWN SAND /	FILL /
71.3 BROWN SAND /	FILL /
71.7 BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.9 BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.7 BROWN SAND /	FILL /
71.9 BROWN SAND /	FILL /
71.7 BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.3 BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.3 BROWN SAND /	FILL /
71.8 BROWN SAND /	FILL /
71.3 BROWN SAND /	FILL /
BROWN SAND /	FILL /
71.9 BROWN SAND /	FILL /

Well	Record	#
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Based on Ministry of Envir	ronment Wate	er Well Information Datab	ase June 30, 20	22, available	online.
0.5		BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	
		BROWN	SAND /	FILL	
		BROWN	SAND /	FILL	,
		BROWN	SAND /	FILL	,
	71.3	BROWN	SAND /	FILL	1
	11.0	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	EUI	1
		BROWN	SAND /		1
	71 7	BROWN	SAND /		1
	/1./	BROWN	SAND /		1
	71.2	BROWN	SAND /		1
	71.5	BROWN	SAND /		
		BROWN	SAND /		
	74.0	BROWN	SAND /	FILL	
	71.3	BROWN	SAND /	FILL	1
	74.0	BROWN	SAND /	FILL	1
	71.9	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	/
	71.7	BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	/
	71.3	BROWN	SAND /	FILL	/
	71.4	BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	/
	71.9	BROWN	SAND /	FILL	/
	71.4	BROWN	SAND /	FILL	/
	71.3	BROWN	SAND /	FILL	/
	71.4	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.3	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.4	BROWN	SAND /	FILL	1
	71.3	BROWN	SAND /	FILL	1
	71.4	BROWN	SAND /	FILL	/
	71.3	BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	/
	71.8	BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	/
	71.3	BROWN	SAND /	FILL	/
	71.7	BROWN	SAND /	FILL	/
	71.9	BROWN	SAND /	FILL	1

SAND /

FILL

1

BROWN

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Well Record #	Based on Ministry of E	nvironment W	Vater Well Informatio	n Database June 30	, 2022, availa	able online.
	0.5	71.9	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
		71.7	BROWN	SAND /	FILL	/
		71.9	BROWN	SAND /	FILL	/
		71.7	BROWN	SAND /	FILL	1
		71.9	BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	1
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
		71.3	BROWN	SAND /	FILL	/
		71.9	BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
			BROWN	SAND /	FILL	/
		71.7	BROWN	SAND /	FILL	/
	1.5	70.8	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.7	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.7	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.7	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY

BROWN

CLAY /

FILL

/ SANDY

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	1.5	70.8	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.7	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.0	BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		10.3	BROWN	CLAY /	FILL	
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.7	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.2	BROWN		FILL	
		10.3	BROWN		FILL	
		70.8	BROWN	CLAT /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
		10.0	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
September 11, 2023						Page 33 of 84

Well Record

Based on Ministry of Environment Water Well Information Database June 30, 2022, available online. 1.5 70.7 BROWN FILL / SANDY CLAY / BROWN CLAY / FILL / SANDY FILL BROWN CLAY / / SANDY BROWN CLAY / FILL / SANDY 70.8 BROWN CLAY / FILL / SANDY 70.4 BROWN CLAY / FILL / SANDY 70.3 BROWN CLAY / FILL / SANDY 70.8 BROWN CLAY / FILL / SANDY BROWN CLAY / FILL / SANDY BROWN CLAY / FILL / SANDY BROWN / SANDY EIL I 70.8 70.9

				Pag	je 34 of 84
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
70.3	BROWN	CLAY /	FILL	/ SANDY	
70.7	BROWN	CLAY /	FILL	/ SANDY	
70.3	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
70.7	BROWN	CLAY /	FILL	/ SANDY	
70.9	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
70.3	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
70.8	BROWN	CLAY /	FILL	/ SANDY	
70.9	BROWN	CLAY /	FILL	/ SANDY	
70.3	BROWN	CLAY /	FILL	/ SANDY	
70.9	BROWN	CLAY /	FILL	/ SANDY	
70.3	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
70.9	BROWN	CLAY /	FILL	/ SANDY	
70.8	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
10.0	BROWN	CLAY /	FILL	/ SANDY	
70.3	BROWN	CLAY /	FILL	/ SANDY	
70.9	BROWN	CLAY /	FILL	/ SANDY	
70.8	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
	BROWN	CLAY /	FILL	/ SANDY	
10.0	BROWN	CLAY /	FILL	/ SANDY	
70.9	BROWN	CLAY /	FILL	/ SANDY	
10.0	BROWN	CLAY /	FILL	/ SANDY	
70.8	BROWN		FILL	/ SANDY	

Well	Record	#
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ed on Ministry of E	Environment V	Vater Well Informatio	on Database June 30	, 2022, availa	able online.
1.5	70.7	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.8	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.8	BROWN	CLAY /	FILL	/ SANDY
	70.7	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.4	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.4	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.8	BROWN	CLAY /	FILL	/ SANDY
	70.4	BROWN	CLAY /	FILL	/ SANDY
	70.7	BROWN	CLAY /	FILL	/ SANDY
	10.1	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.4	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.7	BROWN	CLAY /	FILL	/ SANDY
	10.1	BROWN	CLAY /	FILL	/ SANDY
	70.8	BROWN	CLAY /	FILL	/ SANDY
	70.0	BROWN		FILL	/ SANDY
	70.7	BROWN	CLAY /	FILL	/ SANDY
	10.1	BROWN	CLAY /	FILL	/ SANDY
	70.9	BROWN	CLAY /	FILL	/ SANDY
	10.0	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70 7	BROWN	CLAY /	FILL	/ SANDY
	70.9	BROWN	CLAY /	FILL	/ SANDY
	70.8	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.9	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
	70.4	BROWN	CLAY /	FILL	/ SANDY
	70.9	BROWN	CLAY /	FILL	/ SANDY
	. 0.0	BROWN	CLAY /	FILL	/ SANDY
	70 7	BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN	CLAY /	FILL	/ SANDY
		BROWN		FILL	/ SANDY
	70.7	BROWN		FILL	/ SANDY
	10.1	BROWN		EUI	
		DIVOWIN	ULAT /	I ILL	

CLAY /

CLAY /

CLAY /

CLAY /

FILL

FILL

FILL

FILL

70.7

70.7

BROWN

BROWN

BROWN

BROWN

/ SANDY

/ SANDY

/ SANDY

/ SANDY

Well Record # Base	d on Ministry of E	nvironment W	ater Well Informatio	n Database June 30	2022, availa	able online.
	1.5	70.7	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
		70.9	BROWN	CLAY /	FILL	/ SANDY
		70.3	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
		70.4	BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.7		CLAY /	FILL	/ SANDY
		70.7	BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
		70.5		CLAY /	FILL	/ SANDY
			BROWN		FILL	
		70.8	BROWN		FILL	
		70.0	BROWN		FILL	
		10.0	BROWN		FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
			BROWN	CLAY /	FILL	/ SANDY
		70.8	BROWN	CLAY /	FILL	/ SANDY
			2	02.11		

70.3

70.8

70.3

70.7

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

CLAY /

CLAY /

CLAY /

CLAY /

CLAY /

CLAY /

FILL

FILL

FILL

FILL

FILL

FILL

/ SANDY

/ SANDY

/ SANDY

/ SANDY

/ SANDY

/ SANDY

Well F	ecord	#
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1.5 BROWN CLAY / FILL / S BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S 70.8 BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S 800WN CLAY / FILL / S BROWN CLAY / FILL / S	SANDY SANDY SANDY SANDY SANDY SANDY
BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S BROWN CLAY / FILL / S 70.8 BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S	SANDY SANDY SANDY SANDY SANDY
70.3 BROWN CLAY / FILL / S BROWN CLAY / FILL / S 70.8 BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S	SANDY SANDY SANDY SANDY
BROWN CLAY / FILL / S 70.8 BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S	SANDY SANDY SANDY
70.8 BROWN CLAY / FILL / S 70.3 BROWN CLAY / FILL / S CLAY / FILL / S	SANDY SANDY
70.3 BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S BROWN CLAY / FILL / S BROWN CLAY / FILL / S	
BROWN CLAY / FILL / S	SANDY
	SANDY
DROWN GLAT / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
70.8 BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
70.4 BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
70.8 BROWN CLAY / FILL / S	SANDY
70.9 BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
70.3 BROWN CLAY / FILL / S	SANDY
70.9 BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
70.3 BROWN CLAY / FILL / S	SANDY
70.9 BROWN CLAY / FILL / S	SANDY
70.3 BROWN CLAY / FILL / S	SANDY
70.7 BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
70.9 BROWN CLAY / FILL / S	SANDY
70.4 BROWN CLAY / FILL / S	SANDY
70.8 BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY
BROWN CLAY / FILL / S	SANDY

CLAY /

FILL

FILL

FILL

FILL

FILL

FILL

FILL

FILL

FILL

/ SANDY

70.3

70.4

70.4

70.3

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN
Well Record #	Based on Ministry of I	Environment W	ater Well Informatio	n Database June 30	, 2022, availa	able online.	
	1.5	70.3	BROWN	CLAY /	FILL	/ SANDY	
		70.4	BROWN	CLAY /	FILL	/ SANDY	
		70.3	BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
		70.9	BROWN	CLAY /	FILL	/ SANDY	
		10.0	BROWN		FILL	/ SANDY	
			BROWN	CLAY /	FILL	/ SANDY	
			BROWN		EUL	/ SANDY	
			BROWN	CLAY /		/ SANDY	
			BROWN	CLAY /		/ SANDY	
			BROWN	CLAY /		/ SANDY	
		70.2	BROWN	CLAY /		/ SANDY	
	4.0	70.3	OROWN	CLAY /		/ SAND	
	4.0	07.5	GRET	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		07.0	GREY	CLAY /	SILTY	/ SAND	
		67.0	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.5	GREY	CLAY /	SILTY	/ SAND	
		67.0	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.4	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.6	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.0	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.4	GREY	CLAY /	SILTY	/ SAND	
		67.6	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.5	GREY	CLAY /	SILTY	/ SAND	
		67.0	GREY	CLAY /	SILTY	/ SAND	
		67.5	GREY	CLAY /	SILTY	/ SAND	
		67.6	GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
			GREY	CLAY /	SILTY	/ SAND	
		67.5	GREY	CLAY /	SILTY	/ SAND	
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Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	4.8	GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILIY	/ SAND	
		GREY	CLAY /	SILIY	/ SAND	
	67.4	GREY	CLAY /	SILIY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILIY	/ SAND	
		GREY	CLAY /	SILIY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
Cantantas 14, 2022		GREY	CLAY /	SILTY	/ SAND	Dama 20 of 64
September 11, 2025						Page 39 of 84

Record Count 11

Well	Record	#
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Based on Ministry of En	vironment W	ater Well Informa	tion Database June 30,	2022, availa	able online.	
4.8	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.5	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.5	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.6	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.5	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.5	GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.5	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.5	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.4	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
		GREY	CLAY /	SILTY	/ SAND	
	67.1	GREY	CLAY /	SILTY	/ SAND	
	67.0	GREY	CLAY /	SILTY	/ SAND	
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Well Record #	Based on Ministry of E	nvironment Wat	er Well Informatio	n Database June 30	, 2022, availa	ble online.
	4.8	67.0	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67 4	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		01.0	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		01.0	GREY	CLAY /	SILTY	/ SAND
		67 4	GREY	CLAY /	SILTY	/ SAND
		01.1	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67 5	GREY	CLAY /	SILTY	/ SAND
		01.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		01.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
September 11, 2023						Page 41 of 84

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	4.8	67.1	GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.4	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
September 11, 2023						Page 42 of 84

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Well Record #	Based on Ministry of Envir	onment Wate	r Well Information Data	base June 30, 2	2022, available	e online.
	4.8		GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND

GREY

GREY

GREY

GREY

CLAY /

CLAY /

CLAY /

CLAY /

SILTY

SILTY

SILTY

SILTY

/ SAND

/ SAND

/ SAND

/ SAND

Well Record #	Based on Ministry of E	nvironment W	ater Well Information	on Database June 30	, 2022, availa	ble online.
	4.8	67.0	GREY	CLAY /	SILTY	/ SAND
		67.5	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
		01.0	GREY		SILTY	
			GREY		SILTY	
			CREV		SILTY	
		67.1	GREY	CLAY /	SILTY	/ SAND
		07.1	CREV	CLAY /	SILTY	/ SAND
			GRET	CLAY /	SILTY	/ SAND
			GRET	CLAY /	SILTY	/ SAND
		67.0	GRET	CLAY /	SILTY	/ SAND
		67.0	GRET	CLAY /	SILTY	/ SAND
		07.4	GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
			GREY	CLAY /	SILTY	/ SAND
		67.1	GREY	CLAY /	SILTY	/ SAND
		67.6	GREY	CLAY /	SILTY	/ SAND
		67.0	GREY	CLAY /	SILTY	/ SAND
	6.1	65.8	BLACK	SHALE /		/
			BLACK	SHALE /		1
			BLACK	SHALE /		/
			BLACK	SHALE /		1
		65.7	BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		1
		65.8	BLACK	SHALE /		/
		65.7	BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
			BLACK	SHALE /		/
		65.8	BLACK	SHALE /		1
			BLACK	SHALE /		1
			BLACK	SHALE /		1
			BLACK	SHALE /		1
			BLACK	SHALE /		1
		65.7	BLACK	SHALE /		1
		66.2	BLACK	SHALE /		1
		65.7	BLACK	SHALE /		1
			BLACK	SHALE /		/
		66.2	BLACK	SHALE /		/
September 11, 2023 Record Count 11						Page 44 of 84

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
	6.1 6	6.2	BLACK	SHALE /	1		
			BLACK	SHALE /	/		
			BLACK	SHALE /	/		
	6	6.2	BLACK	SHALE /	1		
			BLACK	SHALE /	1		
	f	6.2	BLACK	SHALE /	1		
			BLACK	SHALE /			
			BLACK	SHALE /	,		
	e	6.2	BLACK	SHALE /	1		
		0.2	BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
	6	5.7	BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	/		
	6	6.2	BLACK	SHALE /	/		
	6	6.1	BLACK	SHALE /	/		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
	f	35 7	BLACK	SHALE /			
			BLACK	SHALE /			
	e	6.2	BLACK	SHALE /	1		
		25.0	BLACK		1		
	6	00.0	BLACK	SHALE /	1		
	6	00.1	BLACK	SHALE /	1		
	6	6.2	BLACK	SHALE /	1		
	6	6.3	BLACK	SHALE /	1		
			BLACK	SHALE /	/		
			BLACK	SHALE /	/		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
	6	6.2	BLACK	SHALE /	1		
	f	5.7	BLACK	SHALE /	1		
	f	S6 1	BLACK	SHALE /	1		
	4	5 7	BLACK	SHALE /			
		86.2	BLACK	SHALE /			
	d	.Z	BLACK		,		
					1		
			DLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	/		
			BLACK	SHALE /	1		
	6	65.7	BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	1		
			BLACK	SHALE /	/		
	6	6.1	BLACK	SHALE /	1		
			BLACK	SHALE /	/		
			BLACK	SHALE /	/		
			BLACK	SHALE /	1		
			BLACK	SHALE /			
			BLACK	SHALE /			
September 11, 2023 Record Count 11					Page 45 of 84		

Well Record #	Based on Ministry of Er	vironment Wat	er Well Information Da	tabase June 30, 2022, availab	le online.
	6.1	66.1	BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
		65.7	BLACK	SHALE /	1
		66.3	BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	/
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	/
			BLACK	SHALE /	/
		66.3	BLACK	SHALE /	/
		66.2	BLACK	SHALE /	/
		66.3	BLACK	SHALE /	/
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
		66.1	BLACK	SHALE /	1
		00.1	BLACK	SHALE /	
			BLACK	SHALE /	
			BLACK	SHALE /	,
		65.7	BLACK	SHALE /	,
		00.1	BLACK	SHALE /	,
		66.3	BLACK	SHALE /	1
		65.7	BLACK	SHALE /	1
		05.7	BLACK	SHALE /	1
			BLACK		1
			BLACK		1
			BLACK		1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK		1
		65.8	BLACK		1
		66.3	BLACK		1
		65.8	BLACK		1
		05.0	BLACK		1
		6F 7	BLACK	SHALE /	1
		05.7	BLACK		1
			BLACK		1
			BLACK		1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK		1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
		05.0	BLACK	SHALE /	1
		00.0 65.7	BLACK		1
		05.7	DLACK		1
		00.0	DLACK		
		66.3	BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	1
		65.7	BLACK	SHALE /	1
			BLACK	SHALE /	1

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Well	Record	#
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Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.								
6.1	65.7	BLACK	SHALE /	1				
		BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	65.7	BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	65.7	BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
	66.3	BLACK	SHALE /	1				
	65.7	BLACK	SHALE /	1				
	66.1	BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	66.2	BLACK	SHALE /	1				
	65.8	BLACK	SHALE /					
	65.7	BLACK	SHALE /					
	66.2	BLACK	SHALE /					
		BLACK	SHALE /					
	65.8	BLACK	SHALE /					
		BLACK	SHALE /					
	66.1	BLACK	SHALE /					
	65.8	BLACK	SHALE /	,				
		BLACK	SHALE /					
	65.7	BLACK	SHALE /	,				
	66.1	BLACK	SHALE /					
		BLACK	SHALE /					
		BLACK	SHALE /					
		BLACK	SHALE /					
		BLACK	SHALE /					
		BLACK	SHALE /					
	65.8	BLACK	SHALE /					
	65.7	BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	65.7	BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	65.7	BLACK	SHALE /	1				
	66.3	BLACK	SHALE /	1				
		BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	65.7	BLACK	SHALE /	1				
	66.3	BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
		BLACK	SHALE /	1				
	65.8	BLACK	SHALE /	1				
	66.1	BLACK	SHALE /	1				

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	6.1	65.7	BLACK	SHALE /	1	
			BLACK	SHALE /	/	
		66.3	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		66.2	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	1	
		65.8	BLACK	SHALE /	1	
			BLACK	SHALE /	1	
		66.3	BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		66.1	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
		66.2	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	1	
		66.1	BLACK	SHALE /	1	
		66.3	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
		65.8	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
		66.1	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		66.3	BLACK	SHALE /	1	

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
	6.1	66.3	BLACK	SHALE /	1	
			BLACK	SHALE /	/	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		66.1	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
		66.1	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
		66.3	BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	1	
			BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	1	
		66.2	BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	/	
		65.8	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	/	
			BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	/	
		65.8	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
		66.1	BLACK	SHALE /	/	
		65.7	BLACK	SHALE /	/	
			BLACK	SHALE /	/	
		66.3	BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
			BLACK	SHALE /	1	
		66.1	BLACK	SHALE /	1	
		65.7	BLACK	SHALE /	1	
Cantomber 14, 2022		66.1	BLACK	SHALE /	/	

Well Record #	Based on Ministry of E	nvironment Wa	ter Well Information Dat	tabase June 30, 2022, a	vailable online.
	6.1	66.3	BLACK	SHALE /	/
		66.1	BLACK	SHALE /	/
			BLACK	SHALE /	1
			BLACK	SHALE /	/
			BLACK	SHALE /	1
			BLACK	SHALE /	1
			BLACK	SHALE /	/
			BLACK	SHALE /	/
		65.8	BLACK	SHALE /	1
			BLACK	SHALE /	/
			BLACK	SHALE /	/
		66.1	BLACK	SHALE /	/
		65.7	BLACK	SHALE /	/
		66.2	BLACK	SHALE /	/
			BLACK	SHALE /	/
			BLACK	SHALE /	/
			BLACK	SHALE /	/
		66.1	BLACK	SHALE /	/
		65.7	BLACK	SHALE /	/
		66.2	BLACK	SHALE /	/
			BLACK	SHALE /	/
			BLACK	SHALE /	/
		65.7	BLACK	SHALE /	/
			BLACK	SHALE /	/
			BLACK	SHALE /	/
			BLACK	SHALE /	1
		65.8	BLACK	SHALE /	/
			BLACK	SHALE /	/
		65.7	BLACK	SHALE /	/
			BLACK	SHALE /	/
		65.8	BLACK	SHALE /	7
			BLACK	SHALE /	7
			BLACK	SHALE /	1
			BLACK	SHALE /	1
		65.7		SHALE /	1
			Elowing?	STALL /	1
	A GITT / UTTAWA-CARL		swi	(mbas)	(masl)
Date 2009-11-09 Elev 72.4 (masl) Easting 445513 Northing	5029677		Pumping WI	(mbgs)	(masl)
DDMMYY Well_Depth_m: UTM RC 4 margin of error : 3	30 m - 100 m		Pumn Rate	(I PM)	/
Abandoned Manitoring and Test			Spec. Cap.	(LPM/m)	Hr / Min
Water Found (mbgs) (masl)	Depth (m)	Elev (masl)	Color	Soil Descri	ntions
Street 154 O'CONNOR STREET	0.0	12.4	50101	Son Desch	piona
Town/City Ottawa					
•				,	,
				1	1
				/	/

,

									,	
7139448	Lot Conc		OTTAWA	CITY / OT	TAWA-CARI	ETON	Flowing?			
Date 2009-12-16 DDMMYY	Elev 72.2 (masl) Well_Depth_m: 11.3000001907349	Easting 445494 UTM RC 4	Northing margin of error : 30	5029702) m - 100 m			SWL Pumping WL Pump Rate		(mbgs) (mbgs) (LPM)	(masl) (masl) /
	/ Monitoring	Test Hole			Denth (m)	Flov (masl)	Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mb Street 154 O'CONNOR Town/City Ottawa	gs) (masl) ST			0.0	72.2	Color		Soil Descriptie	ons
					0.6	71.6	BROWN	SAND /	FILL	1
						71.4	BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	/
						71.6	BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	1
						71.7	BROWN	SAND /	FILL	1
						71.8	BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
						71.6	BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
						71.8	BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	/
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
						71.6	BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
						71.4	BROWN	SAND /	FILL	1
						71.6	BROWN	SAND /	FILL	1
						71.7	BROWN	SAND /	FILL	1
						71.5	BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
						74.7	BROWN	SAND /	FILL	1
						71.6		SAND /	FILL	1
						/ 1.0	BROWN	SAND /	FILL	1
							BROWN	SAND /	FILL	1
							BROWN	SAND /		1
							BROWN	SAND /	FILL	1
						71.9	BROWN	SAND /		1
						/ 1.0	BROWN	SAND /		1
							BROWN	SAND /		1
							BROWN	SAND /		,
							BROWN	SAND /		1
						71.6	BROWN	SAND /	FILL	,
						71.0	DICOMIN	GAND /		,

Well	Record	#
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Based on Ministry of E	nvironment V	Vater Well Informatio	on Database June 30	, 2022, availa	able online.
0.6	71.6	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.5	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	1
	71.6	BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.5	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	1
	71.6	BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	1
	71.6	BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	1
	71.4	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.6	BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	1
	71.8	BROWN	SAND /	FILL	1
	71.4	BROWN	SAND /	FILL	1
	71.5	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.6	BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1
	71.5	BROWN	SAND /	FILL	1
	71.4	BROWN	SAND /	FILL	1
	71.5	BROWN	SAND /	FILL	1
	71.4	BROWN	SAND /	FILL	1
	71.6	BROWN	SAND /	FILL	1
	71.7	BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	/
		BROWN	SAND /	FILL	1
		BROWN	SAND /	FILL	1

SAND /

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

BROWN

71.8

71.5

71.4

1

1

1

1

1

1

1

1

1

FILL

FILL

FILL

FILL

FILL

FILL

FILL

FILL

FILL

Well	Record	#
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Based on Ministry of Er	nvironment W	ater Well Information	on Database June 30,	2022, availa	able online.	
0.6	71.4	BROWN	SAND /	FILL	1	
	71.6	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.4	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	/	
	71.4	BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.7	BROWN	SAND /	FILL	/	
	71.5	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.5	BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.5	BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.7	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	/	
	71.7	BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	/	
	71.7	BROWN	SAND /	FILL	/	
	71.8	BROWN	SAND /	FILL	/	
	71.5	BROWN	SAND /	FILL	/	
	71.6	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
		BROWN	SAND /	FILL	1	
	74.5	BROWN	SAND /	FILL	1	
	/1.5	BROWN	SAND /	FILL	/	
		BROWN	SAND /	FILL	1	
	71.0	BROWN	SAND /	FILL	1	
	/1.8	BROWN	SAND /	FILL	/	
	74 5	BROWN	JANU /	FILL	,	
	1.5	BROWN	SAND /	FILL	,	
	/ I.ð 71 7		JANU /	FILL	1	
	716	BROWN	SAND /	FILL	,	
	1.0	BROWN	SAND /	FILL	,	
		DIVOVIN	SAND /	1166	/	

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
	0.6	71.6	BROWN	SAND /	FILL	1	
			BROWN	SAND /	FILL	,	
			BROWN	SAND /	FILL		
		71.4	BROWN	SAND /	FILL	,	
			BROWN	SAND /	FILL	,	
			BROWN	SAND /	FILL	,	
			BROWN	SAND /	EIL I	,	
			BROWN	SAND /	FILL	,	
		71 7	BROWN	SAND /	FILL	,	
		71.7	BROWN	SAND /	EIL I	,	
			BROWN	SAND /	EIL I	,	
		71.9	BROWN	SAND /	EIL I	,	
		71.0	BROWN	SAND /	EIL I	,	
		71.4	BROWN	SAND /	FILL	,	
			BROWN	SAND /	FILL	1	
		74 7	BROWN	SAND /	FILL	1	
		71.7	BROWN	SAND /	FILL	1	
			BROWN	SAND /	FILL	1	
			BROWN	SAND /	FILL	1	
			BROWN	SAND /	FILL	1	
		71.4	BROWN	SAND /	FILL	1	
			BROWN	SAND /	FILL	/	
		71.7	BROWN	SAND /	FILL	/	
	1.2	71.1	BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		70.9	BROWN	SAND /	GRAVEL	/ FILL	
		71.2	BROWN	SAND /	GRAVEL	/ FILL	
		70.9	BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		71.2	BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		71.1	BROWN	SAND /	GRAVEL	/ FILL	
		70.8	BROWN	SAND /	GRAVEL	/ FILL	
		71.0	BROWN	SAND /	GRAVEL	/ FILL	
		71.2	BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		71.1	BROWN	SAND /	GRAVEL	/ FILL	
		71.0	BROWN	SAND /	GRAVEL	/ FILL	
		70.8	BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		71.0	BROWN	SAND /	GRAVEL	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		71.2	BROWN	SAND /	GRAVEL	/ FILL	
		71.0	BROWN	SAND /	GRAVEI	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
		70.9	BROWN	SAND /	GRAVE!	/ FILL	
		10.0	BROWN	SAND /	GRAVE!	/ FILL	
			BROWN	SAND /	GRAVEL	/ FILL	
			BROWN		GRAVE!		
		71.0	BROWN	SAND /			
		71.0		SAND /			
		70.0	BROWN	SAND /	GRAVEL		
Sentember 11 2023		10.0	BROWN	SAND /	GRAVEL	/ FILL	Page 54 of 84

Well	Record #	
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Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.							
1.2	70.8	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	70.8	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
	70.9	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71 1	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
	70.9	BROWN	SAND /	GRAVEL	/ FILL		
	70.8	BROWN	SAND /	GRAVEL	/ FILL		
	70.9	BROWN	SAND /	GRAVEL	/ FILL		
	10.0	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71 1	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	70.8	BROWN	SAND /	GRAVEL	/ FILL		
	71.1	BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	70.8	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.2	BROWN	SAND /	GRAVEL	/ FILL		
		BROWN	SAND /	GRAVEL	/ FILL		
	71.1	BROWN	SAND /	GRAVEL	/ FILL		
	71.0	BROWN	SAND /	GRAVEL	/ FILL		
	70.9	BROWN	SAND /	GRAVEL	/ FILL		

Well	Record	1#
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Based on Ministry of E	nvironment W	ater Well Informatio	on Database June 30), 2022, availa	ble online.
1.2	71.0	BROWN	SAND /	GRAVEL	/ FILL
		BROWN	SAND /	GRAVEL	/ FILL
		BROWN	SAND /	GRAVEL	/ FILL
		BROWN	SAND /	GRAVEL	/ FILL
		BROWN	SAND /	GRAVEL	/ FILL
		BROWN	SAND /	GRAVEL	/ FILL
	71.2	BROWN	SAND /	GRAVEL	/ FILL
	70.8	BROWN	SAND /	GRAVEL	/ FILL
	70.9	BROWN	SAND /	GRAVEL	/ FILL
	71.1	BROWN	SAND /	GRAVEL	/ FILL
		BROWN	SAND /	GRAVEL	/ FILL

	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
71.2	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
70.9	BROWN	SAND /	GRAVEL	/ FILL
71.1	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
71.0	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
71.0	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
70.9	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
71.2	BROWN	SAND /	GRAVEL	/ FILL
70.9	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
71.0	BROWN	SAND /	GRAVEL	/ FILL
71.1	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
70.9	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
70.8	BROWN	SAND /	GRAVEL	/ FILL
1010	BROWN	SAND /	GRAVEL	/ FILL
71.0	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
70.9	BROWN	SAND /	GRAVEL	/ FILL
71.2	BROWN	SAND /	GRAVEL	/ FILL
71.0	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
71.1	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FILL
	BROWN	SAND /	GRAVEL	/ FIL I

Well Reco	rd	#
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Based on Min	istry of Enviro	nment Wate	r Well Information Databa	ase June 30,	2022, available	online.
	1.2	70.9	BROWN	SAND /	GRAVEL	/ FILL
		71.0	BROWN	SAND /	GRAVEL	/ FILL
		71.2	BROWN	SAND /	GRAVEL	/ FILL
		71.0	BROWN	SAND /	GRAVEL	/ FILL
		71.2	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71.1	BROWN	SAND /	GRAVEL	/ FILL
		70.9	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71.0	BROWN	SAND /	GRAVEL	/ FILL
		71.1	BROWN	SAND /	GRAVEL	/ FILL
		71.0	BROWN	SAND /	GRAVEI	/ FILL
		70.8	BROWN	SAND /	GRAVEI	/ FILL
		71.2	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71 1	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEI	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71.2	BROWN	SAND /	GRAVEL	/ FILL
		70.8	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71.2	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71.0	BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
			BROWN	SAND /	GRAVEL	/ FILL
		71.2	BROWN	SAND /	GRAVEL	/ FILL
	3.0	69.1	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.2	BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.1	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.3	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.1	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.0	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.1	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.2	BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.4	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.1	BROWN	CLAY / WA	TER-BEARING	/ SILTY
		69.3	BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY
			BROWN	CLAY / WA	TER-BEARING	/ SILTY

69.0

BROWN

CLAY / WATER-BEARING / SILTY

Well	Record	#
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Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.

3.0

69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.1	BROWN	CLAY /	WATER-BEARING		
	BROWN	CLAY /	WATER-BEARING		
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.3	BROWN	CLAY /	WATER-BEARING		
69.2	BROWN	CLAY /	WATER BEARING		
69.1	BROWN	CLAY /	WATER BEARING		
60.4					
09.4	BROWN				
	BROWN				
	BROWN				
60.3	BROWN				
69.2	BROWN		WATER-BEARING		
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	BROWN	CLAY /	WATER-BEARING	/ SILTY	
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
					Page 58 of 84

Well	Record	1#
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Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.

3.0

_						
	69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
		BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY	
	03.1	BROWN	CLAY /	WATER-BEARING		
		BROWN	CLAY /	WATER-BEARING		
	69.4	BROWN	CLAY /	WATER-BEARING		
	09.4	BROWN	CLAY /			
		BROWN	CLAY /			
		BROWN	CLAY /			
	60.3	BROWN	CLAY /			
	60.1	BROWN	CLAY /			
	69.1	BROWN	CLAY /			
	60.1		CLAY /			
	60.2	BROWN	CLAY /			
	60.1		CLAY /			
	09.1	BROWN	CLAY /	WATER-BEARING		
	60.0		CLAY /			
	60.2		CLAY /			
	69.3	BROWN	CLAY /			
			CLAY /			
	60.0	BROWN	CLAY /			
	69.0	BROWN	CLAY /			
	09.2	BROWN	CLAY /			
		BROWN	CLAY /			
	60.4	BROWN	CLAY /			
	09.1		CLAT /			
	09.3					
			CLAY /			
	60.2		CLAY /			
	09.2		CLAY /			
	09.3		CLAY /	WATER BEARING		
	60.2		CLAY /			
	09.2		ULAY /	WAIER-BEARING	/ SILIY	Dago 50 of 04
						1 age 39 01 84

Well	Record #	
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Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.

3.0

4.3

69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.3	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.1	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.2	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.4	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
	BROWN	CLAY /	WATER-BEARING	/ SILTY
69.0	BROWN	CLAY /	WATER-BEARING	/ SILTY
68.0	GREY	CLAY /		/ WATER-BEARING
67.9	GREY	CLAY /		/ WATER-BEARING
	GREY	CLAY /		/ WATER-BEARING
	GREY	CLAY /		/ WATER-BEARING
	GREY	CLAY /		/ WATER-BEARING
68.1	GREY	CLAY /		/ WATER-BEARING
67.9	GREY	CLAY /		/ WATER-BEARING
68.0	GREY	CLAY /		/ WATER-BEARING
	GREY	CLAY /		/ WATER-BEARING
	GREY	CLAY /		/ WATER-BEARING
				Page 60 of 84

			Ji Database Julie 30, 2022	, available offine.
4.3	68.0	GREY	CLAY /	/ WATER-BEARING
	68.1	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	68.1	GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	68.1	GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
	20.0	GREY	CLAY /	/ WATER-REARING
	68.1	GREY		/ WATER-BEARING
	00.1	GREY		/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	68.1	GREY		/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	67.7	GREY		/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	01.0	GREY		/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY		/ WATER-BEARING
		GREY		/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY		/ WATER-BEARING
		GREY		/ WATER-BEARING
	67.7	GREY		/ WATER-BEARING
	67.9	GREY		/ WATER-BEARING
	67.7	GREV		
	07.7	GREV		
		CREV		
	67.0	CREV		
	07.0	GRET	CLAY /	/ WATER-BEARING
		GRET	CLAY /	/ WATER-BEARING
		GREY		/ WATER-BEARING
		GREY		/ WATER-BEARING
		GREY		/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	68.1	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING

Well	Record	#
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Based on Ministry of Er	nvironment W	ater Well Informati	on Database June 30, 2022	, available online.
4.3	68.1	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
	68.1	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
	67.8	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.7	GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
	67.9	GREY	CLAY /	/ WATER-BEARING
	68.0	GREY	CLAY /	/ WATER-BEARING
		GREY	CLAY /	/ WATER-BEARING
				Page 62 of 84

Wel	l Record	#
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4.3 68.0 GREY CLAY / / WATER-BEARING GREY 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-B	Based on Ministry of Er	nvironment W	ater Well Informati	on Database June 30, 2022	, available online.
GREY CLAY/ / WATER-BEARING GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 68.0 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEAR	4.3	68.0	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / WATER-BEARING 67.7 GREY CLAY / WATER-BEARING 68.0 GREY CLAY / WATER-BEARING 67.9 GREY CLAY / WATER-BEARING 67.8 GREY CLAY / WATER-BEARING 67.7 GREY CLAY / WATER-BEARING 67.9 GREY CLAY / WATER-BEARING 67.9 GREY CLAY / WATER-BEARING 67.9 GREY			GREY	CLAY /	/ WATER-BEARING
67.7 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY /<			GREY	CLAY /	/ WATER-BEARING
68.0 CREY CLAY / / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 66.0 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.7 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.7 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.7 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-		67.7	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING GREY CLAY // / WATER-BEARING GREY CLAY // / WATER-BEARING 67.8 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.7 GREY CLAY // / WATER-BEARING 67.8 GREY CLAY // / WATER-BEARING 67.8 GREY CLAY // / WATER-BEARING 67.8 GREY		68.0	GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING G7.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
68.0 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.1 GREY CLAY / / WATER-BEARING 67.3 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING </td <td></td> <td>67.9</td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>		67.9	GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING <t< td=""><td></td><td>68.0</td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></t<>		68.0	GREY	CLAY /	/ WATER-BEARING
GREY CLAY/ / WATER-BEARING GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 68.0 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEAR		67.9	GREY	CLAY /	/ WATER-BEARING
GREY CLAY/ / WATER-BEARING GREY CLAY/ / WATER-BEARING GREY CLAY/ / WATER-BEARING GREY CLAY/ / WATER-BEARING GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 68.0 GREY CLAY/ / WATER-BEARING 68.0 GREY CLAY/ / WATER-BEARING 68.0 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.9 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER-BEARING 67.7 GREY CLAY/ / WATER-BEARING 67.8 GREY CLAY/ / WATER			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-B			GREY	CLAY /	/ WATER-BEARING
67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 <td< td=""><td></td><td></td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></td<>			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.1 GREY CLAY / / WATER-BEARING 67.2 GREY CLAY /		67.8	GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.1GREYCLAY // WATER-BEARING67.2GREYCLAY // WATER-BEARING67.3GREYCLAY // WATER-BEARING67.1GREYCLAY // WATER-BEARING67.2GREYCLAY // WATER-BEARING67.3GREYCLAY // WATER-BEARING68.1GREYCLAY // WA			GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY CLAY / / WATER-BEARING GREY GREY CLAY / / WATER-BEARING GREY <td< td=""><td></td><td></td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></td<>			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1<		67.9	GREY	CLAY /	/ WATER-BEARING
67.7 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY <td< td=""><td></td><td></td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></td<>			GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY <td< td=""><td></td><td>67.7</td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></td<>		67.7	GREY	CLAY /	/ WATER-BEARING
88.1 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY <td< td=""><td></td><td>67.9</td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></td<>		67.9	GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY <td< td=""><td></td><td>68.1</td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></td<>		68.1	GREY	CLAY /	/ WATER-BEARING
67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WAT		67.9	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING		67.7	GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING68.0GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.7GREYC			GREY	CLAY /	/ WATER-BEARING
66.0 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY // / WATER-BEARING 68.0 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY // / WATER-BEARING 66.1 GREY CLAY // / WATER-BEARING 67.9 GREY CLAY // / WATER-BEARING 67.7 GREY CLAY // <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING66.0GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY /7GREYCLAY /7GREYCLAY /87.9GREYCLAY /7GREYCLAY /86.1GREYCLAY /87.9GREYCLAY /86.1GREYCLAY /		68.0	GREY	CLAY /	/ WATER-BEARING
67.8 GREY CLAY / / WATER-BEARING 68.0 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY CLAY / / WATER-BEARING GREY			GREY	CLAY /	/ WATER-BEARING
68.0 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING		67.8	GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING		68.0	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 CLAY / / WATER-BEARING 67.1 GREY CLAY / / WATER-BEARING 67.2 GREY CLAY / / WATER-BEARING 67.3 GREY CLAY / / WATER-BEARING 67.4 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.9 CLAY / / WATER-BEAR		67.9	GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARING GREYGREYCLAY // WATER-BEARING GREYGREYCLAY // WATER-BEARING GREYGREYCLAY // WATER-BEARING GREYGREYCLAY // WATER-BEARING GREY68.1GREYCLAY /67.9GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /68.1GREYCLAY /68.1GREYCLAY /68.1GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /67.7GREYCLAY /7WATER-BEARING GREY/67.7GREYCLAY /67.7GREYCLAY /67.7GREYCLAY /67.7GREYCLAY /67.7GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /68.1GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREY <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY /67.9GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /67.7GREYCLAY /68.1GREYCLAY /67.7GREYCLAY /7GREYCLAY /68.1GREYCLAY /68.1GREYCLAY /7GREYCLAY /7WATER-BEARING68.1GREYCLAY /7WATER-BEARING67.7GREYCLAY /7WATER-BEARING67.7GREYCLAY /7WATER-BEARING67.7GREYCLAY /7WATER-BEARING68.1GREYCLAY /7WATER-BEARING68.1GREYCLAY /7WATER-BEARING67.7GREYCLAY /7WATER-BEARING67.8GREYCLAY /67.9GREYCLAY /67.8GREYCLAY /67.9GREYCLAY /67.9GREYCLAY /67.9GREYCLAY /67.1GREYCLAY /67.			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY /67.9GREYCLAY /GREYCLAY // WATER-BEARING67.7GREYCLAY /GREYCLAY // WATER-BEARING67.7GREYCLAY /GREYCLAY // WATER-BEARING68.1GREYCLAY /GREYCLAY // WATER-BEARING68.1GREYCLAY /GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY /GREYCLAY // WATER-BEARING68.1GREYCLAY /67.7GREYCLAY /7WATER-BEARING68.1GREYCLAY /67.7GREYCLAY /67.8GREYCLAY /67.7GREYCLAY /67.8GREYCLAY /67.9GREYCLAY /67.8GREYCLAY /67.9GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8GREYCLAY /67.8			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.8GREY<			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREY			GREY	CLAY /	/ WATER-BEARING
GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.9GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARINGGREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING68.1GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.8GREYCLAY // WATER-BEARING67.7GREYCLAY // WATER-BEARING67.8GREYCLAY / <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
68.1 GREY CLAY / / WATER-BEARING 67.9 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
67.9 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING <t< td=""><td></td><td>68.1</td><td>GREY</td><td>CLAY /</td><td>/ WATER-BEARING</td></t<>		68.1	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WAT		67.9	GREY	CLAY /	/ WATER-BEARING
67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67		67.7	GREY	CLAY /	/ WATER-BEARING
68.1 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY /<			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING		68.1	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY CLAY / / WATER-BEARING WATER-BEARING GREY CLAY / / WATER-BEARING WATER-BEARING GREY CLAY / / WATER-BEARING WATER-BEARING			GREY	CLAY /	/ WATER-BEARING
67.7 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY CLAY / / WATER-BEARING GREY </td <td></td> <td></td> <td>GREY</td> <td>CLAY /</td> <td>/ WATER-BEARING</td>			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING CLAY / / WATER-BEARING		67.7	GREY	CLAY /	/ WATER-BEARING
68.1 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY GREY CLAY / <			GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING		68.1	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING			GREY	CLAY /	/ WATER-BEARING
67.8 GREY CLAY / / WATER-BEARING 67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING		07.0	GREY	CLAY /	/ WAIER-BEARING
67.7 GREY CLAY / / WATER-BEARING 68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING		67.8	GREY	CLAY /	/ WAIER-BEARING
68.1 GREY CLAY / / WATER-BEARING 67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING CLAY / / WATER-BEARING		67.7	GREY	CLAY /	/ WAIER-BEARING
67.8 GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING CLAY / / WATER-BEARING		68.1	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING GREY CLAY / / WATER-BEARING		67.8	GREY	CLAY /	/ WATER-BEARING
GREY CLAY / / WATER-BEARING			GREY	CLAY /	/ WATER-BEARING
			GREY	CLAY /	/ WATER-BEARING

Well Record #

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available					
	4.3	67.8	GREY	CLAY /	/ WATER-BEARING	
			GREY	CLAY /	/ WATER-BEARING	
	5.5	66.7	GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
		66.9	GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.7	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
		66.7	GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
		66.7	GREY	SILT /	/ CLAYEY	
		66.9	GREY	SILT /	/ CLAYEY	
		66.7	GREY	SILT /	/ CLAYEY	
		66.9	GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
		66.7	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
		66.9	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.7	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
			GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
		- 5.0	GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
		66.8	GREY	SILT /	/ CLAYEY	
		66.5	GREY	SILT /	/ CLAYEY	
		66.6	GREY	SILT /	/ CLAYEY	
		00.0	GREY	SILT /	/ CLAYEY	
			ONET	ULT /	, OLATET	

Well	Record	#
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Based on Ministry of Er	nvironment W	ater Well Informat	tion Database June 30, 2022,	available online.
5.5	66.6	GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.5	GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
	66.5	GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
	oc 7	GREY	SILT /	
	66.7	GREY	SILT /	
	66.9	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILI /	
	66.5	GREY	SILI /	
		GREY		
	66 7	GREY		
	00.7	GREY	SIL1 /	/ ULATEY
				Page 03 01 84

Well	Record	#
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Based on Ministry of En	vironment W	/ater Well Informa	tion Database June 30, 2022,	available online.
5.5	66.5	GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
	66.5	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
	66.5	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.5	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	
	66.9	GREY	SILT /	
	00.0	GREY	SILT /	
		GREY	SILT /	
		GREY	SILT /	
		GREY	SILT /	
	66.8	GREY	SILT /	
	66.7	GREY	SILT /	
	00.1	GREY	SILT /	
		GREY	SILT /	
		GREY	SILT /	
	66 5	GREY	SILT /	
	66.6	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	
	00.1	GREY	SILT /	
	66 5	GREY	SILT /	
	66.8	GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
	00.0	GREY	SILT /	/ CLAYEY
		GREY	SILT /	
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.8	GREY	SILT /	/ CLAYEY
	00.0	GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.9	GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
		GREY	SILT /	/ CLAYEY
	66.6	GREY	SILT /	/ CLAYEY
	66.7	GREY	SILT /	/ CLAYEY
				Page 66 of 84

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
	5.5	66.5	GREY	SILT /		/ CLAYEY	
			GREY	SILT /		/ CLAYEY	
		66.6	GREY	SILT /		/ CLAYEY	
		66.8	GREY	SILT /		/ CLAYEY	
			GREY	SILT /		/ CLAYEY	
		66 7	GREY	SILT /		/ CLAYEY	
		66.5	GREY	SILT /			
		00.0	GREY	SILT /			
			GREY	SILT /			
		66.8	GREV	SILT /			
		00.0	GREV	SILT /			
			GREV	SILT /			
			GREY	SILT /			
		66 7	GREY	SILT /			
	6.0	66.1	CREV		SANDY	/ CLATET	
	0.0	00.1	GRET	CLAY /	SANDY	1	
			GRET	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	7	
			GREY	CLAY /	SANDY	7	
			GREY	CLAY /	SANDY	1	
		66.0	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.1	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
		66.3	GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
		66.1	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.4	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.4	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	1	
		00.2	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY		
			GREY		SANDY	,	
		66 3	GREV		SANDY	, 	
		66.2	GREV		SANDY	, ,	
		66.4	CREV			,	
		66.0	GRET		SANDY	, 	
		00.2	GRET	CLAY /	SANDY	1	
		00.4	GREY	CLAY /	SANDY		
		00.0	GREY	CLAY /	SANDY		
		66.0	GREY	CLAY /	SANDY		
		66.4	GREY	CLAY /	SANDY	1	
		66.3	GREY	CLAY /	SANDY	1	
0			GREY	CLAY /	SANDY		
September 11 ZUZA							

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.						
	6.0	66.3	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
		66.4	GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
		66.3	GREY	CLAY /	SANDY	/	
		66.4	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
		66.0	GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
		66.0	GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	1	
		66.3	GREY	CLAY /	SANDY	1	
		66.1	GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	1	
		66.3	GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
		66.0	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
		66.4	GREY	CLAY /	SANDY	/	
		66.1	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.2	GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
			GREY	CLAY /	SANDY	/	
		66.3	GREY	CLAY /	SANDY	1	
		66.4	GREY	CLAY /	SANDY	1	
		66.3	GREY	CLAY /	SANDY	1	
		66.4	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
		66.2	GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY	1	
			GREY	CLAY /	SANDY		
		66.2	GREY		SANDY		
		00.3	GREY		SANDY		
		00.2		CLAY /	SANDY	1	
						1	
		66.3				1	
		00.3				1	
September 11, 2023						Page 68 of 84	

Record Count 13

9.1 0.3 0.47 0.407 0.407 0.407 0.6 0.647 0.407 0.407 0.407 0.6 0.647 0.407 0.407 0.407 0.6 0.67 0.407 0.407 0.407 0.6 0.67 0.407 0.407 0.407 0.6 0.67 0.407 0.407 0.407 0.6 0.67 0.407 0.407 0.407 0.6 0.67 0.407 0.407 0.407 0.6 0.67 0.407 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 0.407 0.407 0.6 0.67 0.417 <t< th=""><th>Well Record #</th><th colspan="6">Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.</th></t<>	Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
81:1 61:2 64:2 64:3 64:4		6.0	66.3	GREY	CLAY /	SANDY	1
BADY BADY BADY BADY BC GRP CAX BADY BADY BC GRP CAX BADY F BC			66.1	GREY	CLAY /	SANDY	/
01.3 0.61P' 0.47' 3.40P' / 01.0 0.61P' 0.47' 3.40P' / 01.1 0.61P' 0.47' 3.40P'				GREY	CLAY /	SANDY	1
BC GRV CLAY SANDY /			66.3	GREY	CLAY /	SANDY	1
GRY CLAY SANDY J GRY CLAY SANDY J <td< th=""><th></th><th></th><th>66.2</th><th>GREY</th><th>CLAY /</th><th>SANDY</th><th>1</th></td<>			66.2	GREY	CLAY /	SANDY	1
Brew Bart CLAY 1 SANPY J Brew Count GRP CLAY 1				GREY	CLAY /	SANDY	1
Bib GREY CLAY SAMCY / GREY CLAY SAMCY <				GREY	CLAY /	SANDY	1
GREY CLAY SAMDY / GREY CLAY SAMDY / GLAS GREY CLAY SAMDY / GREY CLAY SAMDY / / <th></th> <th></th> <th>66.0</th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>1</th>			66.0	GREY	CLAY /	SANDY	1
GREY CLAY SANDY / 66.3 GREY CLAY SANDY / 66.4 GREY CLAY SANDY / 66.2 GREY CLAY SANDY / 66.3 GREY CLAY SANDY / 67.4 GREY CLAY SANDY / 68.4 GREY CLAY SANDY / 68.4 GREY CLAY SANDY / GREY CLAY SANDY / / GREY CLAY SANDY / <				GREY	CLAY /	SANDY	1
Bis GREY CLAY SANDY GREY CLAY SANDY (GREY CLAY SANDY (<th></th> <th></th> <th></th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>1</th>				GREY	CLAY /	SANDY	1
Birls GREY CLAY SANOY I Birls GREY CLAY SANOY I			66.3	GREY	CLAY /	SANDY	1
66.2 GRPY CLAY SANDY I 66.9 GRPY CLAY SANDY I 67.9 CLAY SANDY I 67.9 CLAY SANDY I 67.9 CLAY SANDY I 67.0 CLAY SANDY I 67.1 GRPY CLAY SANDY I 67.2 GRPY CLAY SANDY I 67.4 GRPY CLAY SANDY I 67.4 GRPY CLAY SANDY I 67.4 GRPY CLAY SANDY I			66.0	GREY	CLAY /	SANDY	1
BE0 GREY CLAY / SANOY /			66.2	GREY	CLAY /	SANDY	1
GREY CLA'/ SANDY / GREY CLA'/ SANDY			66.0	GREY	CLAY /	SANDY	1
GREY CLAY SANDY / GREY CLAY SANDY / GREY CLAY SANDY / GREY CLAY SANDY / GRE CLAY SANDY / GREY CLAY SANDY / GRE GREY CLAY SANDY / GRE GREY CLAY SANDY </th <th></th> <th></th> <th></th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>1</th>				GREY	CLAY /	SANDY	1
GREY CLAY SANDY GREY				GREY	CLAY /	SANDY	1
Bit CLAY SANDY / 61 GREY CLAY SANDY / 62 GREY CLAY SANDY / 63.0 GREY CLAY SANDY / 64.0 GREY CLAY SANDY / 65.0 GREY CLAY SANDY / 66.1 GREY CLAY SANDY / 66.2 GREY CLAY SANDY / 66.1 GREY CLAY SANDY / 67.0 GREY CLAY SANDY / 68.0 GREY CLAY SANDY / 68.1 GREY CLAY SANDY / 68.2 GREY CLAY				GREY	CLAY /	SANDY	1
B6.1 GREY CLAY / SAUDY GREA CLAY / SAUDY I 68.3 GREY CLAY / SAUDY I 68.3 GREY CLAY / SAUDY I 68.2 GREY CLAY / SAUDY I 68.2 GREY CLAY / SAUDY I 68.4 GREY CLAY / SAUDY I 68.0 GREY CLAY / SAUDY I 68.1 GREY				GREY	CLAY /	SANDY	1
GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / GREY CLAY / SANDY / / GREY CLAY			66.1	GREY	CLAY /	SANDY	1
66.3 GREY CLAY SANDY 66.4 GREY CLAY SANDY 67.2 GREY CLAY SANDY 66.0 GREY CLAY SANDY 66.0 GREY CLAY SANDY 66.0 GREY CLAY SANDY 66.0 GREY CLAY SANDY 66.4 GREY CLAY SANDY ////////////////////////////////////				GREY	CLAY /	SANDY	1
66.0 GREY CLAY SANDY // GREY CLAY SANDY // // <tr< th=""><th></th><th></th><th>66.3</th><th>GREY</th><th>CLAY /</th><th>SANDY</th><th>1</th></tr<>			66.3	GREY	CLAY /	SANDY	1
66.2 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY /			66.0	GREY	CLAY /	SANDY	1
GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / GREY			66.2	GREY	CLAY /	SANDY	1
66.0 GREY CLAY // SANDY / 66.2 GREY CLAY // SANDY / 66.4 GREY CLAY // SANDY / 66.0 GREY CLAY // SANDY / 66.1 GREY CLAY // SANDY / 66.2 GREY CLAY // SANDY / 66.1 GREY CLAY // SANDY / GREY CLAY // SANDY / /				GREY	CLAY /	SANDY	1
66.2 GREY CLY / SANDY / 66.4 GREY CLY / SANDY / 66.0 GREY CLY / SANDY / 66.0 GREY CLY / SANDY / 67.0 GREY CLY / SANDY / 67.0 GREY CLY / SANDY / 67.0 GREY CLY / SANDY / 66.0 GREY CLY / SANDY / 66.0 GREY CLY / SANDY / 66.1 GREY CLY / SANDY / 66.2 GREY CLY / SANDY / 66.3 GREY CLY / SANDY / 66.4 GREY CLY / SANDY / 66.1			66.0	GREY	CLAY /	SANDY	1
64.4 GREY CLAY SANDY / 66.0 GREY CLAY SANDY / 67.0 CLAY CLAY SANDY / 67.0 GREY CLAY SANDY / 67.0 GREY CLAY SANDY / 67.0 GREY CLAY SANDY / 66.0 GREY CLAY SANDY / 67.0 GREY </th <th></th> <th></th> <th>66.2</th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>1</th>			66.2	GREY	CLAY /	SANDY	1
66.4 GREY CLAY // SANDY / 66.0 GREY CLAY // SANDY / 66.0 GREY CLAY // SANDY / 66.1 GREY CLAY // SANDY / 66.2 GREY CLAY // SANDY / 66.2 GREY CLAY // SANDY / GREY CLAY // SANDY / GREY CLAY				GREY	CLAY /	SANDY	1
66.0 GREY CLAY SANDY / 66.4 GREY CLAY SANDY / 66.4 GREY CLAY SANDY / 66.0 GREY CLAY SANDY / 66.0 GREY CLAY SANDY / 66.0 GREY CLAY SANDY / GREY CLAY SANDY / / GREY CLAY SANDY <t< th=""><th></th><th></th><th>66.4</th><th>GREY</th><th>CLAY /</th><th>SANDY</th><th>1</th></t<>			66.4	GREY	CLAY /	SANDY	1
GREy CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / GREY CLAY / SANDY			66.0	GREY	CLAY /	SANDY	1
66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY /				GREY	CLAY /	SANDY	1
66.0 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY /			66.4	GREY	CLAY /	SANDY	1
66.2 GREY CLAY / SANDY / GREY			66.0	GREY	CLAY /	SANDY	1
GREY CLAY / SANDY / GREY CLAY /			66.2	GREY	CLAY /	SANDY	1
GREY CLAY / SANDY / GREY CLAY / SANDY / GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY /				GREY	CLAY /	SANDY	1
$ \begin{array}{c c c c c c } GREY & CLAY / SANDY / \\ GREY & CLAY / \\ GREY & CLAY$				GREY	CLAY /	SANDY	/
GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / GREY				GREY	CLAY /	SANDY	/
66.0 GREY CLAY / SANDY / GREY CLAY / SANDY / GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / GREY CLAY / SANDY / / G6.2 GREY CLAY / SANDY / G6.3 GREY CLAY / SANDY / G6.4 GREY CLAY / SANDY / G6.2 GREY CLAY / SANDY / G6.2 GREY CLAY / <th></th> <th></th> <th></th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>/</th>				GREY	CLAY /	SANDY	/
GREY CLAY / SANDY / GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY /			66.0	GREY	CLAY /	SANDY	1
GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY /				GREY	CLAY /	SANDY	1
66.1 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY /				GREY	CLAY /	SANDY	/
66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY /			66.1	GREY	CLAY /	SANDY	/
GREY CLAY / SANDY / GREY CLAY / SANDY / GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.1 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY /			66.4	GREY	CLAY /	SANDY	/
GREY CLAY / SANDY / GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY				GREY	CLAY /	SANDY	/
GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY /				GREY	CLAY /	SANDY	/
66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / </th <th></th> <th></th> <th></th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>/</th>				GREY	CLAY /	SANDY	/
66.4 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.0 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 67.0 CLAY / SANDY / / <th></th> <th></th> <th>66.2</th> <th>GREY</th> <th>CLAY /</th> <th>SANDY</th> <th>/</th>			66.2	GREY	CLAY /	SANDY	/
66.0 GREY CLAY / SANDY / GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY /			66.4	GREY	CLAY /	SANDY	/
GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / GREY CLAY / SANDY /			66.0	GREY	CLAY /	SANDY	1
66.3 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / GREY CLAY / SANDY /				GREY	CLAY /	SANDY	1
66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / GREY CLAY / SANDY /			66.3	GREY	CLAY /	SANDY	1
66.2 GREY CLAY / SANDY / 66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / GREY CLAY / SANDY /			66.4	GREY	CLAY /	SANDY	1
66.4 GREY CLAY / SANDY / 66.2 GREY CLAY / SANDY / 66.3 GREY CLAY / SANDY / GREY CLAY / SANDY /			66.2	GREY	CLAY /	SANDY	1
66.2 GREY CLAY SANDY / 66.3 GREY CLAY SANDY / GREY CLAY SANDY /			66.4	GREY	CLAY /	SANDY	1
66.3 GREY CLAY / SANDY / GREY CLAY / SANDY /			66.2	GREY	CLAY /	SANDY	1
GREY CLAY / SANDY /			66.3	GREY	CLAY /	SANDY	1
				GREY	CLAY /	SANDY	/

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Well Record # Based on Ministry of Environment Water Well Information Database June 30, 2022, available						ble online.
	6.0	66.2	GREY	CLAY /	SANDY	1
		66.3	GREY	CLAY /	SANDY	/
			GREY	CLAY /	SANDY	/
			GREY	CLAY /	SANDY	/
			GREY	CLAY /	SANDY	1
		66.2	GREY	CLAY /	SANDY	1
			GREY	CLAY /	SANDY	1
			GREY	CLAY /	SANDY	
			GREY	CLAY /	SANDY	
		66.3	GREY		SANDY	,
		66.1	GREY		SANDY	,
		66.4	GREY		SANDY	,
		66 1	GREY		SANDY	,
		00.1	GREV		SANDY	1
			GREV		SANDY	1
			GREY		SANDY	,
		66.2	CREV		SANDY	
		66.0	CREV		SANDY	
		66.0	CREV	CLAT /	SANDY	1
		66.1	CREV	CLAT /	SANDY	1
		00.1	CREV	CLAT /	SANDY	1
			GRET	CLAT /	SANDY	1
			GRET	CLAY /	SANDY	1
		66.0	GRET	CLAY /	SANDY	1
		00.3	GRET	CLAY /	SANDY	,
		66.0	GRET	CLAY /	SANDY	1
	11.0	60.2	GRET		SANDI	
	11.5	00.7	BROWN BROWN	SHALE /		
			BROWN	SHALE /		
		60.9	BROWN BROWN	SHALE /		
		00.0	BROWN	SHALE /		
		60.0	BROWN BROWN	SHALE /		
		61.1	BROWN	SHALE /		
		60.9	BROWN	SHALE /		
		00.0	BROWN	SHALE /		
		61.0	BROWN	SHALE /		
		01.0	BROWN	SHALE /		
			BROWN BROWN	SHALE /		
			BROWN BROWN	SHALE /		
		60.9	BROWN	SHALE /		
		61.0	BROWN	SHALE /		
		01.0	BROWN	SHALE /		
		60.7	BROWN	SHALE /		
		00.1	BROWN	SHALE /		
			BROWN	SHALE /		
			BROWN	SHALE /		
		60.9	BROWN	SHALE /		
		00.5	BROWN	SHALE /		
			BROWN	SHALE /		
			BROW/N	SHALE /		
			BROW/N	SHALE /		
		60.7	BROWN	SHALE /		/ DRY
		61.0	BROWN	SHALE /		
		01.0	BROWN	SHALE /		/ DRY
		60.8	BROWN	SHALE /		/ DRY
		00.0	BROWN	SHALE /		/ DRY
September 11, 2023			2	5. <i>n</i> 122 /		Page 70 of 84
Becord Count 12						

Re

Well	Record	#
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ased on Ministry of Environment Water Well Information Database June 30, 2022, available online.				
11.3	61.1	BROWN	SHALE /	/ DRY
		BROWN	SHALE /	/ DRY
		BROWN	SHALE /	/ DRY
		BROWN	SHALE /	/ DRY
	60.7	BROWN	SHALE /	/ DRY
	61.0	BROWN	SHALE /	/ DRY
	60.9	BROWN	SHALE /	/ DRY
	61.0	BROWN	SHALE /	/ DRY
	60.8	BROWN	SHALE /	/ DRY
		BROWN	SHALE /	/ DRY
	60.7	BROWN	SHALE /	/ DRY
	60.9	BROWN	SHALE /	/ DRY
	60.8	BROWN	SHALE /	/ DRY
	60.9	BROWN	SHALE /	/ DRY
	61.1	BROWN	SHALE /	/ DRY
	60.8	BROWN	SHALE /	/ DRY
	61.1	BROWN	SHALE /	/ DRY
	60.9	BROWN	SHALE /	
	0010	BROWN	SHALE /	
		BROWN	SHALE /	
		BROWN	SHALE /	
		BROWN	SHALE /	
		BROWN	SHALE /	
	60.8	BROWN	SHALE /	
	00.0	BROWN	SHALE /	
		BROWN	SHALE /	
	61 1	BROWN	SHALE /	
	60.7	BROWN	SHALE /	
	60.8	BROWN	SHALE /	
	00.0	BROWN	SHALE /	
	61.0	BROWN	SHALE /	
	01.0	BROWN	SHALE /	
		BROWN	SHALE /	
	60.0	BROWN	SHALE /	
	61.0	BROWN	SHALE /	
	60.8	BROWN	SHALE /	
	60.7	BROWN		
	00.7	BROWN		
		BROWN		
		BROWN		
	<u> </u>	BROWN	SHALE /	
	60.9	BROWN	SHALE /	
		BROWN	SHALE /	
	ю1.U	BROWN	SHALE /	
	8.00	BROWN	SHALE /	
	<u></u>	BROWN	SHALE /	
	61.1	BROWN	SHALE /	
		BROWN	SHALE /	
		BROWN	SHALE /	
		BROWN	SHALE /	/ DRY
	60.8	BROWN	SHALE /	
		BROWN	SHALE /	/ DRY

SHALE /

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SHALE /

BROWN

BROWN

BROWN

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BROWN

60.9 60.8

60.9

/ DRY

/ DRY

/ DRY

/ DRY

/ DRY

Well	Record	1#
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Based on Ministry of Er	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.					
11.3	60.9	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	61.1	BROWN	SHALE /	/ DRY		
	60.7	BROWN	SHALE /	/ DRY		
	61.0	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	60.8	BROWN	SHALE /	/ DRY		
	60.7	BROWN	SHALE /	/ DRY		
	61.1	BROWN	SHALE /	/ DRY		
	60.7	BROWN	SHALE /			
	0011	BROWN	SHALE /			
	60.9	BROWN	SHALE /			
	00.0	BROWN	SHALE /			
		BROWN	SHALE /			
		BROWN	SHALE /			
	60.7	BROWN	SHALE /			
	61.1	BROWN	SHALE /			
	60.0	BROWN	SHALE /			
	00.9	BROWN				
		BROWN				
		BROWN				
		BROWN				
	61.1	BROWN				
	01.1	BROWN				
		BROWN	SHALE /			
		BROWN	SHALE /			
		BROWN	SHALE /			
	<u> </u>	BROWN	SHALE /			
	60.9	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	60.8	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	60.9	BROWN	SHALE /	/ DRY		
	60.8	BROWN	SHALE /	/ DRY		
	60.9	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	61.1	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	60.9	BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
		BROWN	SHALE /	/ DRY		
	60.8	BROWN	SHALE /	/ DRY		
	60.9	BROWN	SHALE /	/ DRY		

Well Record #	Based on Ministry of E	invironment Wa	ter Well Information Dat	tabase June 30, 2022, ava	ailable online.		
	11.3	60.7	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
		61.0	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
		60.9	BROWN	SHALE /	/ DRY		
		60.7	BROWN	SHALE /	/ DRY		
		60.9	BROWN	SHALE /			
		00.0	BROWN	SHALE /			
		61.1	BROWN	SHALE /			
		01.1	BROWN	SHALE /			
			BROWN	SHALE /			
			BROWN				
			BROWN	SHALE /			
		60.0	BROWN				
		60.9	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
		60.8	BROWN	SHALE /	/ DRY		
		60.7	BROWN	SHALE /	/ DRY		
		60.8	BROWN	SHALE /	/ DRY		
		60.7	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
		61.0	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
		60.8	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
		60.9	BROWN	SHALE /	/ DRY		
			BROWN	SHALE /	/ DRY		
7140407 Lot Conc 0TT		ETON	Elowing?				
7149497 LOL CONC 0117			SWI	(mbas)	(masl)		
Date 2010-07-11 Elev 69.5 (masl) Easting 445876 Northin	ng 5028803		Bumping WI	(mbgs)	(masl)		
DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 4 margin of erro	or : 30 m - 100 m		Pump Rate	(IPM)	(11001)		
			Fullip Rate	(LPM/m)	, Hr / Min		
/ Monitoring and Te Test Hole	Depth (m)	Elev (masl)	Spec. Cap.				
Water Found (mbgs) (masl)	0.0	69.5	Color	Soil Descript	ions		
Street 203 CATHERINE STREET							
Town/City Ottawa							
	10	68.3	BROWN				
	1.2	00.3		GRAVEL / SAND			
			BROWN	GRAVEL / SAND			
			BROWN	GRAVEL / SAND			
			BROWN	GRAVEL / SAND			
			BROWN	GRAVEL / SAND	/ SOF1		
			BROWN	GRAVEL / SAND	/ SOF1		
		68.3	BROWN	GRAVEL / SAND	/ SOFT		
			BROWN	GRAVEL / SAND	/ SOFT		
Sentember 11 2023					Page 73 of 84		
Well Record #	Based on Ministry of	f Environment W	ater Well Informatio	n Database June 30), 2022, availab	le online.	
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	1.2		BROWN	GRAVEL /	SAND	/ SOFT	
		68.3	BROWN	GRAVEL /	SAND	/ SOFT	
		00.0	BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	CRAVEL /	SAND	/ SOFT	
			BROWN	CRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
		00.0	BROWN	GRAVEL /	SAND	/ SOFT	
		68.3	BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
		68.3	BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
			BROWN	GRAVEL /	SAND	/ SOFT	
	3.7		GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
		65.8	GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
			GREY			/ SOFT	
			CREV			/ SOFT	
			GRET			/ SOFT	
			CREV			/ SOFT	
			CREV			/ SOFT	
			CREV	CLAY /		/ SOFT	
			CREV	CLAT /		/ SOFT	
			CREV	CLAT /		/ SOFT	
		65.0	CREV			/ SUFI	
		0.60	GREI	CLAT /		/ SUFT	
			GREY	CLAY /		/ SUFT	
	<u>.</u>		GREY	CLAY /		/ SOFT	
	6.1	<i>.</i>	GREY	CLAY /		/ SOFT	
		63.4	GREY	CLAY /		/ SOF F	
			GREY	CLAY /		/ SOFT	
			GREY	CLAY /		/ SOFT	
September 11, 2023 Record Count 14							Page 74 of 84

Well Record #	Based on Ministry of Environment Water Well Information Database June 30, 2022, available online.												
	6.1	63.4	GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
		63.4	GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY	CLAY /		/ SOFT							
			GREY			/ SOFT							
			GREY			/ SOFT							
			GREY			/ SOFT							
			O. LE I	02/11/		/ 00/ /							
		FTON	El antina 2										
7157724 Lot Conc	OTTAWA CITY / OTTAWA-CARI	ETON	Flowing?		(mh ac)	(most)							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491	OTTAWA CITY / OTTAWA-CARI	ETON	Flowing? SWL		(mbgs)	(masl)							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m	ETON	Flowing? SWL Pumping WL Bump Bate		(mbgs) (mbgs)	(masl) (masl)							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m	ETON	Flowing? SWL Pumping WL Pump Rate		(mbgs) (mbgs) (LPM)	(masl) (masl) /							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m)	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl)	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color		(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Test Hole (masl) Street 381 KENT ST (masl)	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color		(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Test Hole (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color		(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color	SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Test Hole Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN	SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Test Hole Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN	SAND / SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN	SAND / SAND / SAND / SAND / SAND / SAND / CLAY /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY	SAND / SAND / SAND / SAND / SAND / SAND / CLAY /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY	SAND / SAND / SAND / SAND / SAND / SAND / CLAY / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / CLAY / CLAY / CLAY / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / SAND / CLAY / CLAY / CLAY / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / CLAY / CLAY / CLAY / CLAY / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY /	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / SAND / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0 6.1	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / SAND / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0 6.1	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0 6.1	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / SAND / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL FIL	(masl) (masl) / Hr / Min / SOFT / SOFT							
7157724 Lot Conc Date 2010-12-02 Elev (masl) Easting 445491 DDMMYY Well_Depth_m: 6.0999990463257 UTM RC 3 / Test Hole Test Hole Water Found (mbgs) (masl) Street 381 KENT ST Town/City Ottawa	OTTAWA CITY / OTTAWA-CARI Northing 5029035 margin of error : 10 - 30 m Depth (m) 0.0 1.2 4.0 6.1	ETON Elev (masi)	Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN BROWN BROWN BROWN BROWN BROWN BROWN GREY GREY GREY GREY GREY GREY GREY GREY	SAND / SAND / SAND / SAND / SAND / CLAY /	(mbgs) (nbgs) (LPM) (LPM/m) Soil Descriptions FILL FILL FILL FILL FILL FILL FILL	(masl) (masl) / Hr / Min / SOFT / SOFT							

Well Record #		Based on Ministry of Environment Wa	ater Well Information Database June 30, 2022, available online.
7179838	Lot Conc	OTTAWA CITY / OTTAWA-CARLETON	Flowing?
Date 2012-01-24 DDMMYY	Elev (masl) Easting 445564 Well_Depth_m: 3.9600003814697 UTM RC 3 / Monitoring and Te Test Hole ////////////////////////////////////	Northing 5029134 margin of error : 10 - 30 m Depth (m) Elev (masl) 0.0	SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions
		0.9 4.0	BROWN GRAVEL / SAND / SOFT GREY CLAY / SILT / WATER-BEARING
7179839 Date 2012-01-24 DDMMYY	Lot Conc Elev (masl) Easting 445564 Well_Depth_m: 4.26999998092651 UTM RC 4 / Monitoring and Te Test Hole 4 Water Found (mbgs) (masl) 4 Street 320 GILMOUR ST Town/City Ottawa	NEPEAN TOWNSHIP / OTTAWA-CARLETON Northing 5029134 margin of error : 30 m - 100 m Depth (m) Elev (masl) 0.0	Flowing? SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions
		1.2 4.3	BROWN GRAVEL / SAND / SOFT GREY CLAY / SILT / WATER-BEARING
7179840	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?
Date 2012-01-24 DDMMYY	Elev (masl) Easting 445578 Well_Depth_m: 3.6600008583069 UTM RC 4 / Monitoring and Te Test Hole / Water Found (mbgs) (masl) Street 320 GILMOUR ST Tours (citre Others	Northing 5029119 margin of error : 30 m - 100 m Depth (m) Elev (masl) 0.0	SWL (mbgs) (mast) Pumping WL (mbgs) (mast) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions
		0.9 3.7	BROWN GRAVEL / SAND / SOFT GREY CLAY / SILT / SOFT
7186496 Date 2012-07-26 DDMMYY	Lot Conc Elev (masl) Easting 445594 Well_Depth_m: 4.57000017166138 UTM RC 4 / Monitoring and Te Observation Wells Water Found (mbgs) (masl) Street 21 JAMES ST Town/City OTTAWA	OTTAWA CITY / OTTAWA-CARLETON Northing 5029121 margin of error : 30 m - 100 m Depth (m) Elev (masi) 0.0	Flowing? (mbgs) (masl) SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions
		1.5 4.6	BROWN CLAY / / SOFT GREY CLAY / SOFT / WATER-BEARING
7210734 Date 2013-09-25 DDMMYY	Lot Conc Elev (masl) Easting 445852 Well_Depth_m: UTM R0 4 / Abandoned-Other Water Found (mbgs) (masl) Street GLADSTONE AVENUE Town/City OTTAWA	NEPEAN TOWNSHIP / OTTAWA-CARLETON Northing 5029045 margin of error : 30 m - 100 m Depth (m) Elev (masl) 0.0	Flowing? SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min Color Soil Descriptions

Well F	Record #				Based on	Ministry of Er	nvironment Wa	ter Well Information Databa	se June 30, 2022, ava	ilable online.
72	210740	Lot	Conc		NEPEAN TOWNSHIP / OT	TAWA-CARL	ETON	Flowing?		
Date	2013-09-25 DDMMYY	Elev Well_Depth_m:	(masl)	Easting 445914 UTM RC 4 Abandoned-Other	Northing 5029087 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Found Street Town/City	d (mbgs) GLADSTONE AVEN OTTAWA	(masl) IUE		Depth (m) 0.0	Elev (masi)	Color	Soil Descriptio	ons /
72	211107	Lot	Conc		OTTAWA CITY / OT	TAWA-CARL	ETON	Flowing?		
Date	DDMMYY	Elev Well_Depth_m:	(masl)	Easting 444989 UTM RC 4	Northing 5029038 margin of error : 30 m - 100 m			SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		Water Found Street Town/City	/ Monitoring d (mbgs)	Abandoned-Other (masl)		Depth (m) 0.0	Elev (masl)	spec. cap. Color	(LPW/M) Soil Descriptio	ons
70	11100		Como					Elowing?	1	1
7 2 Date	DDMMYY	Elev Well_Depth_m:	(masl)	Easting 445196 UTM RC 3	Northing 5029156 margin of error : 10 - 30 m	TAWA-CARL		SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		Water Found Street Town/City	/ Monitoring 1 (mbgs)	Abandoned-Other (masl)		Depth (m) 0.0	Elev (masl)	Spec. Cap.	(LPM/m) Soil Description	Hr / Min ons
72	211109	Lot	Conc		OTTAWA CITY / OT	TAWA-CARL	ETON	Flowing?		
Date	DDMMYY	Elev Well_Depth_m: Water Found	(masl) / Monitoring d (mbgs)	Easting 445315 UTM RC 3 Abandoned-Other (masl)	Northing 5029228 margin of error : 10 - 30 m	Depth (m) 0.0	Elev (masl)	SWL Pumping WL Pump Rate Spec. Cap. Color	(mbgs) (mbgs) (LPM) (LPM/m) Soil Descripti	(masl) (masl) / Hr / Min
		Street Town/City								1
72	211110	Lot	Conc		OTTAWA CITY / OT	TAWA-CARL	ETON	Flowing?	(126,222)	(maal)
Date	DDMMYY	Elev Well_Depth_m:	(masl)	Easting 445650 UTM RC 3	Northing 5029430 margin of error : 10 - 30 m			SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masi) (masi) /
		Water Found Street Town/City	/ Monitoring g (mbgs)	Abandoned-Other (masl)		Depth (m) 0.0	Elev (masl)	Spec. Cap. Color	(LPM/m) Soil Descriptio	Hr / Min ons /

Well Record #				Based on N	linistry of En	vironment Wa	ter Well Information Dat	abase June	e 30, 2022, availa	ble online.
7211111	Lot Conc		OTTAWA	CITY / OTT	AWA-CARLE	TON	Flowing? SWL		(mbgs)	(masl)
Date DDMMYY	Elev (masl) Well_Depth_m:	Easting 445795 UTM RC 3	Northing margin of error : 10	5029519 - 30 m			Pumping WL Pump Rate Spec. Cap		(mbgs) (LPM) (LPM/m)	(masl) / Hr / Min
	/ Monitoring Water Found (mbgs)	Abandoned-Other (masl)			Depth (m) 0.0	Elev (masl)	Color		Soil Description	S
	Street Town/City									
7212003	Lot Conc		NEPEAN TOWN	ISHIP / OTT	AWA-CARLE	TON	Flowing?	/		1
Date 2013-10-15	 Elev (masl)	Easting 445546	Northing	5029231			SWL Bumping WI		(mbgs)	(masl)
DDMMYY	Well_Depth_m: 6.09999990463257	UTM RC 4	margin of error : 30	m - 100 m			Pump Rate		(LPM)	/
	/ Monitoring and T	e Monitoring and Test Ho	le		Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbgs) Street 384 MC LAUREN R	(masl) D			0.0		Color		Soil Description	s
	Town/City OTTAWA	-								
					0.3		GREY	GRAVEL /	HARD	1
					2.1		BROWN	SAND /	GRAVEL	/ LOOSE
					6.1		GREY	CLAY /	SILT	/ SOFT
7212004	Lot Conc		NEPEAN TOWN	ISHIP / OTT	AWA-CARLE	TON	Flowing?			
Date 2013-10-15	Elev (masl)	Easting 445561	Northing	5029222			SWL Bumping WI		(mbgs)	(masl)
DDMMYY	Well_Depth_m: 1.39293611049652	UTM RC 4	margin of error : 30	m - 100 m			Pump Rate		(LPM)	/
	/ Monitoring and T	e Monitoring and Test Ho	le		Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min
	Water Found (mbgs)	(masl)			0.0	,	Color		Soil Description	s
	Street 384 MCLAUREN RE Town/City OTTAWA	0								
					0.1		GREY	GRAVEL /	HARD	1
					0.6		BROWN	SAND /	GRAVEL	/ SOFT
	1				0.6 1.4		BROWN GREY	SAND / CLAY /	GRAVEL SILT	/ SOFT / SOFT
7212067	Lot Conc		NEPEAN TOWN	ISHIP / OTT	0.6 1.4 AWA-CARLE	TON	BROWN GREY Flowing?	SAND / CLAY /	GRAVEL SILT	/ SOFT / SOFT (masl)
7212067 Date 2013-10-15	Lot Conc Elev (masl)	Easting 445563	NEPEAN TOWN	ISHIP / OTT 5029224	0.6 1.4 TAWA-CARLE	TON	BROWN GREY Flowing? SWL Pumping WL	SAND / CLAY /	GRAVEL SILT (mbgs) (mbgs)	/ SOFT / SOFT (masl) (masl)
7212067 Date 2013-10-15 DDMMYY	Lot Conc Elev (masl) Well_Depth_m: 6.09999990463257	Easting 445563 UTM RC 4	NEPEAN TOWN Northing margin of error : 30	ISHIP / OTT 5029224 m - 100 m	0.6 1.4 AWA-CARLE	TON	BROWN GREY Flowing? SWL Pumping WL Pump Rate	SAND / CLAY /	GRAVEL SILT (mbgs) (mbgs) (LPM)	/ SOFT / SOFT (masl) (masl) /
7212067 Date 2013-10-15 DDMMYY	Lot Conc Elev (masl) Well_Depth_m: 6.09999990463257 / Monitoring and T	Easting 445563 UTM RC 4 'e Monitoring and Test Ho	NEPEAN TOWN Northing margin of error : 30	ISHIP / OTT 5029224 m - 100 m	0.6 1.4 AWA-CARLE	TON Elev (masi)	BROWN GREY Flowing? SWL Pumping WL Pump Rate Spec. Cap.	SAND / CLAY /	GRAVEL SILT (mbgs) (LPM) (LPM/m)	/ SOFT / SOFT (masl) (masl) / Hr / Min
7212067 Date 2013-10-15 DDMMYY	Lot Conc Elev (masl) Well_Depth_m: 6.0999990463257 / Monitoring and T Water Found (mbgs) Street 180 WALLER ST Town/City OTTAWA	Easting 445563 UTM RC 4 e Monitoring and Test Ho (masl)	NEPEAN TOWN Northing margin of error : 30	ISHIP / OTT 5029224 m - 100 m	0.6 1.4 AWA-CARLE Depth (m) 0.0	ETON Elev (masi)	BROWN GREY Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color	SAND / CLAY /	GRAVEL SILT (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ SOFT / SOFT (masl) (masl) / Hr / Min s
7212067 Date 2013-10-15 DDMMYY	Lot Conc Elev (masl) Well_Depth_m: 6.0999990463257 / Monitoring and T Water Found (mbgs) Street 180 WALLER ST Town/City OTTAWA	Easting 445563 UTM RC 4 Te Monitoring and Test Ho (masl)	NEPEAN TOWN Northing margin of error : 30	ISHIP / OTT 5029224 m - 100 m	0.6 1.4 TAWA-CARLE	TON Elev (masi)	BROWN GREY Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color	SAND / CLAY /	GRAVEL SILT (mbgs) (mbgs) (LPM) (LPM/m) Soil Description	/ SOFT / SOFT (masl) (masl) / Hr / Min s
7212067 Date 2013-10-15 DDMMYY	Lot Conc Elev (masl) Well_Depth_m: 6.0999990463257 / Monitoring and T Water Found (mbgs) Street 180 WALLER ST Town/City OTTAWA	Easting 445563 UTM RC 4 Te Monitoring and Test Ho (masl)	NEPEAN TOWN Northing margin of error : 30	ISHIP / OTT 5029224 m - 100 m	0.6 1.4 CAWA-CARLE Depth (m) 0.0 0.3 1.8	ETON Elev (masi)	BROWN GREY Flowing? SWL Pumping WL Pump Rate Spec. Cap. Color BROWN BROWN	SAND / CLAY / TOPSOIL /	GRAVEL SILT (mbgs) (LPM) (LPM/m) Soil Description	/ SOFT / SOFT (masl) (masl) / Hr / Min s

7215437 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Pumpean VL Pumpean VL Sector 2013-11/20 Flewing // (missi) (missi) (missi) DBM 2013-11/20 Bev (missi) Marting 522833-11 Pumpean VL Pumpean VL Sector 2013 (missi) (missi) // Carl Hole Test Hole Test Hole Test Hole Test Hole Sector 2014 Sector 2014 Sector 2014 Sector 2014 (missi) // Carl Hole Test Hole Test Hole Test Hole Test Hole Sector 2014 Sector 2014<	Well Record #	Based on Ministry of Environmer	t Water Well Information Database June	30, 2022, available online.
Date 2013-11-20 (DMMY) Eav (mask) Easting (45596) Northing (mask) Social (mask) Social (mask) Social (mask) (mask) (mask) (mask) <	7215437 Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing? N	
Instruction Test Note Test Note Test Note Test Note Test Note Test Note Sec Note	Date 2013-11-28 Elev (masl) Easting 445696 DDMMYY Well_Depth_m: 29.8899993896484 UTM RC 4	Northing 5028634 margin of error : 30 m - 100 m	SWL 5.1 Pumping WL 27.1 Pump Rate 19.0	(mbgs) (masl) (mbgs) (masl) (LPM) 0 / 19 (LPMc) LP (Mic
21 BROWN SAND / GRAVEL / 12.8 OREY CLAY / 20.9 GREY CLAY / 20.9 (mbgs) (mast) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs) (mbgs)	/ Test Hole Test Hole Water Found 16.0 (mbgs) (masl) Street CATHERINE & KENT ST. Town/City OTTAWA	Depth (m) Elev (ma 0.0	sl) Spec. Cap. 0.88 Color	Soil Descriptions
T216268 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CARLETON Flowing? Study (mbgs) (mas) Date 2013-1224 Elev (mas) Easting 445750 Northing 5028833 SWL (mbgs) (mas) Johnwry Weil Depth, mr. 7.61999788353908 UTM R 4 margin of error: 30 m - 100 m Pumping WL (mbgs) (mas) / Monitoring and Te Monitoring and Test Hole Depth (m) Elev (mas) 0.0 Soli Descriptions Street 37 FLORA ST Townich get 45773 (mas) 0.0 Flowing? 7216269 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? 7216269 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? 0.0 UTM R C 4 margin of error: 30 m - 100 m Flowing? SWL (mbgs) 0.0 Color Soli Descriptions Soli Descriptions Spec. Cap. (LPM) / 7216269 Lot Conc Ottawa data fest Hole Depth (m) Elev (mas) 0.0 Spec. Cap.		2.4 12.8 20.0	BROWN SAND / GREY CLAY / CREY LIMESTONE /	GRAVEL / /
Lindoc Circle Circle Circle Circle SWL (mbgs) (mas) Date 2013-12-04 DDMMYY Elev (mas) Easting 445760 Northing 5028833 Pumping WL Pumping WL Well_Depth_m: (inbgs) (mas) (inbgs) (mas) // Monitoring and Te Monitoring and Test Hole Water Found (mbgs) (mas) 0.0 Color Soil Descriptions Stroet 37 FLORA ST Town/City OTTAWA 18 BROWN FIL / SOFT / DRY 4.6 GREY CLAY SOFT / DRY	7216268 Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?	,
Street 37 FLORA ST Town/City Other Other Soft / DRY 1.8 BROWN FILI SOFT / DRY 4.6 GREY CLAY / SOFT / WATER-BEARING 7216269 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? 7216269 Lot Conc OTTAWA CITY / OTTAWA-CARLETON SWL (mbgs) (masi) Date 2013-12-04 Elev (masi) Easting 445753 Northing 5028824 Pumping WL (mbgs) (masi) Vieter Found (mbgs) (masi) Easting 445753 Northing 5028824 Pumping WL (mbgs) (masi) Vieter Found (mbgs) (masi) Easting 445753 Northing 5028824 Pumping WL (mbgs) (masi) Vieter Found (mbgs) (masi) Easting 445753 Northing 5028824 Pumping WL (mbgs) (masi) Vieter Found (mbgs) (masi) Easting 445753 Northing Easting 45745 Northing SVE SVE SVE SVE SVE SVE VIETMA SVE VIETMA SVE VIETMA VIETMA VIETMA VIETMA <th>Date 2013-12-04 Elev (masl) Easting 445750 DDMMYY Well_Depth_m: 7.61999988555908 UTM RC 4 / Monitoring and Te Monitoring and Test Ho Water Found (masl)</th> <th>Northing 5028833 margin of error : 30 m - 100 m le Depth (m) Elev (ma</th> <th>SWL Pumping WL Pump Rate Spec. Cap.</th> <th>(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min</th>	Date 2013-12-04 Elev (masl) Easting 445750 DDMMYY Well_Depth_m: 7.61999988555908 UTM RC 4 / Monitoring and Te Monitoring and Test Ho Water Found (masl)	Northing 5028833 margin of error : 30 m - 100 m le Depth (m) Elev (ma	SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min
1.8 BROWN FILL / SOFT / DRY 4.6 GREY CLAY / SOFT / 7216269 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? SWL (mbgs) (masl) Date 2013-12-04 Elev (masl) Easting 44573 Northing 5028824 SWL (mbgs) (masl) (masl) DDMMYY Weil_Dopth_m: 7.6 GREY CLAY / SOFT / / Veil_Copth_m: 7.6 GREY CLAY / SOFT / <td< th=""><th>Street 37 FLORA ST Town/City OTTAWA</th><th>0.0</th><th>Color</th><th>Soil Descriptions</th></td<>	Street 37 FLORA ST Town/City OTTAWA	0.0	Color	Soil Descriptions
7216269 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? SWL (mbgs) (masi) Date 2013-12-04 DDMMYY Elev (masi) Easting 445753 margin of error: 30 m - 100 m Northing 5028824 SWL Pumping WL (mbgs) (masi) DDMMYY Well_pepth_m: 7.61999988555908 UTM RC 4 margin of error: 30 m - 100 m Pumping WL (mbgs) (masi) / Monitoring and Te Monitoring and Te Monitoring and Test Hole Water Found / Monitoring and Test Hole (masi) Depth (m) Elev (masi) 0.0 Color Soil Descriptions Street 37 FLORA ST Town/City OTTAWA Conc 2.7 BROWN Flut / SOFT / DRY 4.6 7216270 Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? Sort / Margin of error: 30 m - 100 m Flowing? // Margin error 7216270 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? SWL (mbgs) (masi) Date 2013-12-04 DDMMYY Elev (masi) Easting 445748 Northing 5028836 SWL SWL (mbgs) (masi) <tr< th=""><th></th><th>1.8 4.6 7.6</th><th>BROWN FILL / GREY CLAY / GREY CLAY /</th><th>SOFT / DRY SOFT / SOFT / WATER-BEARING</th></tr<>		1.8 4.6 7.6	BROWN FILL / GREY CLAY / GREY CLAY /	SOFT / DRY SOFT / SOFT / WATER-BEARING
Date 2013-12-04 DDMMYY Elev (masl) Easting 445753 Northing 5028824 SWL (mbgs) (masl) DDMMYY Well_Depth_m: 7.61999988555908 UTM RC 4 margin of error: 30 m - 100 m Pumping WL (mbgs) (masl) / Monitoring and Te Monitoring and Te Monitoring and Te st Hole Pepth (m) Elev (masl) 0.0 Color Soli Descriptions Street 37 FLORA ST Town/City OTTAWA CLAY SOFT / DRY 7216270 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? (masl) Margin of error: 30 m - 100 m 7216270 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? (masl) Date 2013-12-04 DDMMYY Elev (masl) Margin of error: 30 m - 100 m Street Street Street Monitoring and Te Monitoring and Test Hole Street Street Street Street Margin of error: 30 m - 100 m Street Street Street Street Street Street Street	7216269 Lot Conc	OTTAWA CITY / OTTAWA-CARLETON	Flowing?	
Water Found (mbgs) (masl) 0.0 Color Soil Descriptions Street 37 FLORA ST Town/City 0.0 Color Soil Descriptions 2.7 BROWN FILL / SOFT / DRY 4.6 GREY CLAY / SOFT / 7216270 Lot Conc OTTAWA OTTAWA-CARLETON Flowing? // WATER-BEARING 7216270 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? (masl) (masl) Date 2013-12-04 Elev (masl) Easting 445748 Northing 5028836 Pumping WL (mbgs) (masl) Meil_Depth_m: 6.0999990463257 UTM RC 4 margin of error : 30 m - 100 m Spec. Cap. (LPWm) / / Monitoring and Te Monitoring and Tes Hole Depth (m) 0.0 Color Soil Descriptions Street 37 ELORA ST (masl) 0.0 Color Soil Descriptions	Date 2013-12-04 Elev (masl) Easting 445753 DDMMYY Well_Depth_m: 7.61999988555908 UTM RC 4 / Monitoring and Te Monitoring and Test H/	Northing 5028824 margin of error : 30 m - 100 m	SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (masl) (mbgs) (masl) (LPM) / (LPM/m) Hr / Min
2.7 BROWN FILL / SOFT / DRY 4.6 GREY CLAY / SOFT / 7216270 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? / WATER-BEARING Date 2013-12-04 DDMMYY Elev (masl) Easting 445748 Northing 5028836 SWL (mbgs) (masl) Well_Depth_m: 6.09999990463257 UTM RC 4 margin of error : 30 m - 100 m Pumping WL (mbgs) (masl) / Monitoring and Test Hole (masl) margin of error : 30 m - 100 m Depth (m) Spec. Cap. (LPM/m) Hr / Min Water Found (mbg) (masl) (masl) 0.0 Color Solutione Solutione	Water Found (mbgs) (masl) Street 37 FLORA ST Town/City OTTAWA	0.0 Depth (m) Elev (ma	Color	Soil Descriptions
721 6270 Lot Conc OTTAWA CITY / OTTAWA-CARLETON Flowing? Date 2013-12-04 Elev (masl) Easting 445748 Northing 5028836 Pumping WL (mbgs) (masl) DDMMYY Well_Depth_m: 6.0999990463257 UTM RC 4 Northing 5028836 Pumping WL (mbgs) (masl) Vell_Depth_m: 6.0999990463257 UTM RC 4 margin of error: 30 m - 100 m Pump Rate (LPM) / Vell_Depth_m: 6.099990463257 UTM RC 4 margin of error: 30 m - 100 m Pump Rate (LPM) / Vell_Depth_m: 6.099990463257 (masl) 0.0 Color Spec. Cap. (LPM/m) Hr / Min		2.7 4.6 7.6	BROWN FILL / GREY CLAY / GREY CLAY /	SOFT / DRY SOFT / SOFT / WATER-BEARING
Date 2013-12-04 Elev (masl) Easting 445748 Northing 5028836 Pumping WL (mbgs) (mbgs) (masl) DDMMYY Well_Depth_m: 6.0999999463257 UTM RC 4 margin of error : 30 m - 100 m Pumping WL (mbgs) (mbgs) (masl) / Monitoring and Test Hole Depth (m) Elev (masl) Spec. Cap. (LPM/m) Hr / Min Water Found (mbgs) (masl) 0.0 Color Soil Descriptions	7216270 Lot Conc	OTTAWA CITY / OTTAWA-CARLETON	Flowing?	(mbgs) (mps)
/ Monitoring and Te Monitoring and Test Hole Depth (m) Elev (masl) Water Found (mbgs) (masl) 0.0 Color Soil Descriptions	Date 2013-12-04 Elev (masl) Easting 445748 DDMMYY Well_Depth_m: 6.09999990463257 UTM RC 4	Northing 5028836 margin of error : 30 m - 100 m	Pumping WL Pump Rate	(mbgs) (masi) (LPM) /
Water Found (mogs) (mast) 0.0 Color Soil Descriptions	/ Monitoring and Te Monitoring and Test Ho	le Depth (m) Elev (ma	Spec. Cap. sl)	(LPM/m) Hr / Min
Town/City OTTAWA	Water Found (mbgs) (masi) Street 37 FLORA ST Town/City OTTAWA	0.0	Color	Soil Descriptions
2.1 BROWN FILL / SOFT / DRY		2.1	BROWN FILL /	SOFT / DRY
4.6 GREY CLAY / SOFT / 6.1 GREY CLAY / SOFT / WATER-BEARING		4.6 6 1	GREY CLAY / GREY CLAY /	SOFT / SOFT / WATER-BEARING

Well F	Record #				Based or	Ministry of E	nvironment Wa	ater Well Information Data	abase June 3	30, 2022, availa	able online.
72	216271	Lot	Conc		OTTAWA CITY / O	TTAWA-CARI	ETON	Flowing?			
Date	2013-12-04 DDMMYY	Elev Well_Depth_m:	(masl) 14.3000001907349	Easting 445747 UTM RC 4	Northing 5028837 margin of error : 30 m - 100 m	,		SWL Pumping WL Pump Rate Spec. Cap.	((mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Fou	/ Monitoring and Te	(masl)	le	Depth (m)	Elev (masl)		·	· · · · · · · · ·	
		Street Town/City	37 FLORA ST OTTAWA	(masi)		0.0		Color		Soil Description	IS
						1.8		BROWN	FILL /	SOFT	/ DRY
						2.7		GREY	CLAY /	SOFT	1
						6.1		GREY	CLAY /	SOFT	/ WATER-BEARING
						14.3		GREY	CLAY /	SOFT	1
72	216272	Lot	Conc		OTTAWA CITY / O	TTAWA-CARI	ETON	Flowing?			
Date	2013-12-04	Flev	(masl)	Fasting 445751	Northing 5028829	1		SWL	((mbgs)	(masl)
Dutt	DDMMYY	Well_Depth_m:	4.57000017166138	UTM RC 4	margin of error : 30 m - 100 m	, ,		Pumping WL	,	(mbgs)	(masl)
								Spec Can		(LFIVI) (LPM/m)	/ Hr / Min
		··· · -	/ Monitoring and Te	e Monitoring and Test Ho	le	Depth (m)	Elev (masl)	opee. oup.	,	(21 100/11)	
		Water Four Street Town/Citv	10 (mbgs) 37 FLORA ST OTTAWA	(masi)		0.0		Color		Soil Description	S
						4.0		DDOWN		0057	
						1.8		BROWN		SOFT	/ DRY
						3.1 4.6		GREY	CLAY /	SOFT	/ / WATER-BEARING
7	040070	1 - 4	0				FTON	Elowing?		0011	/ WATER BEAUNO
14	216273	LOT	Conc			TTAWA-CARL	EION	SWI	((mbas)	(masl)
Date	2013-12-04	Elev	(masl)	Easting 445748	Northing 5028846	6		Pumping WL	,	(mbgs)	(masl)
	DDMMYY	Well_Depth_m:	4.57000017166138	UTM RC 4	margin of error : 30 m - 100 m			Pump Rate	((LPM)	/
			/ Monitoring and Te	e Monitoring and Test Ho	le		- . ())	Spec. Cap.	((LPM/m)	Hr / Min
		Water Fou	nd (mbgs)	(masl)		Depth (m)	Elev (masl)	Color			-
		Street Town/City	37 FLORA ST OTTAWA			0.0		Color		Soli Description	s
						1.8		BROWN	FILL /	SOFT	/ DRY
						3.3		GREY	CLAY /	SOFT	1
						4.6		GREY	CLAY /	SOFT	/ WATER-BEARING
72	218928	Lot	Conc		NEPEAN TOWNSHIP / O	TTAWA-CARI	ETON	Flowing? SWL	((mbgs)	(masl)
Date	2012-12-30 DDMMYY	Elev Well_Depth_m:	(masl) 3.50999999046326	Easting 445678 UTM RC 4	Northing 5029243 margin of error : 30 m - 100 m	3		Pumping WL Pump Rate	((mbgs) (LPM)	(masl) /
			/ Monitoring	Observation Wells		Depth (m)	Fley (mael)	Spec. Cap.	((LPM/m)	Hr / Min
		Water Fou Street Town/City	nd (mbgs) 356 MACLAREN ST	(masl) REET		0.0		Color		Soil Description	S
		. cime only	u								
						0.5		GREY	SAND /	GRAVEL	/ FILL
						0.9		GREY			/
						1.5		BROWN	SAND /	CLAY	
						3.5		BROWN	SILT /	CLAY	/ WEATHERED

Well Record #		Based on Ministry of Environment Wa	ater Well Information Database June 30, 2022, available online.
7222343	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?
Date 2014-05-20 DDMMYY	Elev (masl) Easting 445766 Well_Depth_m: UTM RC 4	Northing 5028987 margin of error : 30 m - 100 m	SWL (mbgs) (masl) Pumping WL (mbgs) (masl) Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min
	Water Found (mbgs) (masl)	Depth (m) Elev (masl) 0.0	Color Soil Descriptions
	Street GLADSTONE AVENUE Town/City Ottawa		
7230965	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	Flowing?
Date 2014-10-02	Elev (masl) Easting 445365	Northing 5029763	SWL (mbgs) (masl)
DDMMYY	Well_Depth_m: 12.4499998092651 UTM RC 4	margin of error : 30 m - 100 m	Pumping WL (mbgs) (masi) Pump Rate (LPM) /
	/ Monitoring and Te Test Hole		Spec. Cap. (LPM/m) Hr / Min
	Water Found (mbgs) (masl)	0.0	Color Soil Descriptions
	Street 269 LAURIER AVE Town/City Ottawa		
		0.6	BLACK GRAVEL / / SOFT
		4.3	BROWN SAND / BOULDERS / SOFT
7021261	Lot Cono		Flowing?
7231301		NEFEAN TOWNSHIF / OTTAWA-CARLETON	SWL (mbgs) (masl)
Date 2014-09-24	Elev (masl) Easting 445367 Well Depth m: 10.3800001144409 UTM RC 4	Northing 5029798 margin of error : 30 m - 100 m	Pumping WL (mbgs) (masl)
			Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min
	/ Monitoring and Te Test Hole Water Found (mbgs) (masl)	Depth (m) Elev (masl)	O-lan O-li D-s-seletions
	Street 269 LAURIER AVE Town/City Ottawa	0.0	Color Soli Descriptions
		0.3	BLACK / GRAVEL / SOFT
		4.3	BROWN SAND / BOULDERS / SOFT
7004000			BLACK SHALE / / HARD
7231362	Lot Conc	NEPEAN TOWNSHIP / OTTAWA-CARLETON	SWL (mbgs) (masl)
Date 2014-09-24	Elev (masl) Easting 445336	Northing 5029785	Pumping WL (mbgs) (masl)
DDIMINIT			Pump Rate (LPM) / Spec Cap (LPM/m) Hr / Min
	/ Monitoring and Te Test Hole Water Found (mbgs) (masl)	Depth (m) Elev (masl)	
	Street 269 LAURIER AVE Town/City Ottawa	0.0	Color Soil Descriptions
		1.2	BLACK GRAVEL / / SOFT
		4.6	GREY CLAY / SAND / SOFT
		10.4	GREY SHALE / / HARD

Well Record #		Based o	n Ministry of Er	vironment Wa	ter Well Information Dat	abase Jun	e 30, 2022, availa	ble online.	
7233874 Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing?				
Date 2014-11-06 Elev (r DDMMYY Well_Depth_m: 5.09999900 (Monitor	masl) Easting 445399 463257 UTM RC 4	Northing 502923 margin of error : 30 m - 100 m	5		SWL Pumping WL Pump Rate Spec. Cap.		(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min	
Water Found	(mbgs) (masl)		Depth (m)	Elev (masl)	Color		Soil Description	•	
Street 429 MC LE Town/City Ottawa	ARN		0.0				con Desemption	-	
			1.2		BROWN	FILL /	GRAVEL	/ SAND	
			3.1		BROWN	SAND /	CLAY	/ SILTY	
			4.9		BROWN	CLAY /	SILTY	/ SOFT	
			5.1		GREY	CLAY /	SILT	/ SOFT	
7233875 Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing?		(mah ma)	(maal)	
Date 2014-11-06 Elev (r	nasl) Easting 445405	Northing 502922	2		SWL Pumping WI		(mbgs)	(masi)	
DDMMYY Well_Depth_m: 6.099999904	463257 UTM RC 4	margin of error : 30 m - 100 m	I		Pump Rate		(LPM)	/	
/ Monitor	ing and Ta Manitaring and Tast Hold				Spec. Cap.		(LPM/m)	Hr / Min	
Water Found	(mbas) (masl)	5	Depth (m)	Elev (masl)			· · /		
Street 429 MC LE			0.0		Color		Soil Description	S	
Town/City OTTAWA									
			12		BROWN	FILL /	GRAVEI	/ SAND	
			3.1		BROWN	SAND /	CLAY	/ SILTY	
			4.9		BROWN	CLAY /		/ SILTY	
			6.1		GREY	CLAY /	SILT	/ SOFT	
7233876 Lot Conc		OTTAWA CITY / C	TTAWA-CARL	ETON	Flowing?				
Dete 2014 11 06 Flow (7		Northing 502021	7		SWL		(mbgs)	(masl)	
DDMMYY Well Depth m: 3.621024131	17749 LITM RC 4	margin of error : 30 m - 100 m	7		Pumping WL		(mbgs)	(masl)	
		margin of enor . So m - 100 m			Pump Rate		(LPM)	/	
/ Monitor	ing and Te Monitoring and Test Hole	e	Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)	Hr / Min	
Water Found Street 19 MCLAR Town/City	(mbgs) (masl) EN		0.0		Color		Soil Description	S	
			0.4		BROWN	FILL /	GRAVEL	/ SAND	
			0.9		BROWN	SILT /	SAND	/ CLAY	
			1.9		GREY	CLAY /	SILT	/ SOFT	
			3.6		BROWN	SILT /	CLAY	/ SOFT	
7236607 Lot Conc		NEPEAN TOWNSHIP / C	TTAWA-CARL	ETON	Flowing?				
Dete 2014 04 12 Flav (7		Northing 500060	c		SWL		(mbgs)	(masl)	
DDMMYY Well Depth m: 13 6999986		margin of error : 30 m - 100 m			Pumping WL		(mbgs)	(masl)	
					Pump Rate		(LPM)	/	
/ Monitor	ing Observation Wells		Depth (m)	Elev (masl)	Spec. Cap.		(LPM/m)		
Water Found 7.1 Street 180 METC Town/City	(mbgs) (masl) ALFE STREET	Untested	0.0		Color		Soil Description	S	
-			0.1					1	
			0.1		GREV	VINER /	EUI		
			1.3		BROWN	SAND /	FILL	/ CLAY	
			2.8		GREY	CLAY /	SILT	/	
			7.5		GREY	CLAY /		1	
			13.7		GREY	SILT /	TILL	/ SANDY	
September 11, 2023									Page 82 of 84

Well	Record #			Based or	n Ministry of En	vironment Wat	ter Well In	formation Database Jun	e 30, 2022, availab	le online.
7	236609	Lot Conc		NEPEAN TOWNSHIP / O	TTAWA-CARLE	TON		Flowing?		
Date	2014-04-12 DDMMYY	Elev (masl) Well_Depth_m: 16.2000007629395	Easting 445694 UTM RC 4	Northing 5029684 margin of error : 30 m - 100 m	1			SWL Pumping WL Pump Rate	(mbgs) (mbgs) (LPM)	(masl) (masl) /
		/ Monitoring Water Found 7.6 (mbgs) Street 180 METCALFE ST Town/City Ottawa	Observation Wells (masl) REET	Untested	Depth (m) 0.0	Elev (masl)	Color	Spec. Сар.	(LPM/m) Soil Descriptions	Hr / Min
					0.1 0.3 1.7 9.0 16.2		GREY GREY GREY GREY	OTHER / LIMESTONE / SAND / CLAY / CLAY /	FILL SILT SILT	/ / / GRAVEL / / TILL
7	239266	Lot Conc		NEPEAN TOWNSHIP / O	TTAWA-CARLE	TON		Flowing?		
Date	2012-03-08 DDMMYY	Elev (masl) Well_Depth_m:	Easting 445732 UTM RC 4	Northing 5029042 margin of error : 30 m - 100 m	2			SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Found (mbgs) Street Town/City	(masl)		Depth (m) 0.0	Elev (masl)	Color		Soil Descriptions	
7	246842	Lot Conc		OTTAWA CITY / O	TTAWA-CARLE	TON		Flowing?		1
Date	2015-07-17 DDMMYY	Elev (masl) Well_Depth_m: 6.09600019454956 Monitoring / Test Hole	Easting 445519 UTM RC 4 Observation Wells	Northing 5029299 margin of error : 30 m - 100 m	Depth (m)	Elev (masl)		SWL Pumping WL Pump Rate Spec. Cap.	(mbgs) (mbgs) (LPM) (LPM/m)	(masl) (masl) / Hr / Min
		Water Found (mbgs) Street 296 BANK ST. Town/City OTTAWA	(masl)		0.0		Color		Soil Descriptions	
					0.3 3.0 6.1		GREY GREY	/ CLAY / TILL /	SILT	
7	246843	Lot Conc		OTTAWA CITY / O	TTAWA-CARLE	TON		Flowing?	(mbas)	(masl)
Date	2015-07-17 DDMMYY	Elev (masl) Well_Depth_m: 3.04800009727478 Monitoring / Test Hole	Easting 445519 UTM RC 4	Northing 5029299 margin of error : 30 m - 100 m	9			Pumping WL Pump Rate Spec. Cap.	(mbgs) (LPM) (LPM/m)	(masi) (masi) / Hr / Min
		Water Found (mbgs) Street 296 BANK ST. Town/City OTTAWA	(masl)		0.0	⊏iev (masi)	Color		Soil Descriptions	
					0.3 3.0		GREY GREY	/ CLAY /	HARD SILT	/ / SOFT

Well Record # Based on Ministry of	f Environment Water Well Information Database June 30, 2022, available online.
7269210 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CAR Date 2016-07-23 Elev (masl) Easting 445737 Northing 5028591	RLETON Flowing? SWL (mbgs) (masl) Pumping WI (mbgs) (masl)
DDMMYY Well_Depth_m: 4.57000017166138 UTM RC 4 margin of error : 30 m - 100 m	Pump Rate (LPM) / Spec. Cap. (LPM/m) Hr / Min
Water Found (mbgs) Depth (m) Street 240 CATHERINE STREET 0.0	Elev (masl) Color Soil Descriptions
Town/City OTTAWA	
0.6 2.1	GREY GRAVEL / SAND / LOOSE BROWN SAND / / SOFT
4.6	GREY CLAY / / SOFT
7269211 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CAR	.RLETON Flowing? SWL (mbqs) (masl)
Date 2016-07-23 Elev (masl) Easting 445748 Northing 5028573 DDMMYY Well Depth m: 4 57000017166138 UTM RC 4 margin of error : 30 m - 100 m	Pumping WL (mbgs) (masl)
	Spec. Cap. (LPM) / / / / / / / / / / / / / / / / / / /
Water Found(mbgs)(masl)Depth (m)0.0	Elev (masl) Color Soil Descriptions
Street 240 CATHERINE STREET Town/City Ottawa	
0.6	GREY GRAVEL / SAND / LOOSE
4.6	GREY CLAY / / SOFT
7269212 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CAR	RLETON Flowing?
Date 2016-07-23 Elev (masl) Easting 445772 Northing 5028584	SWL (mbgs) (masi) Pumping WL (mbgs) (masi)
DDMMYY Well_Depth_m: 4.57000017166138 UTM RC 4 margin of error : 30 m - 100 m	Pump Rate (LPM) /
Monitoring / Test Hole Monitoring and Test Hole Depth (m) Water Found (mbas) (masl)	Elev (masi)
Street 240 CATHERINE STREET Town/City Ottawa	Color Soil Descriptions
0.6	GREY GRAVEL / SAND / LOOSE
2.8 4.6	GREY SAND / / SOFT CLAY / / SOFT
7270084 Lot Conc NEPEAN TOWNSHIP / OTTAWA-CAR	RLETON Flowing?
Date 2016-06-14 Elev (masl) Easting 445465 Northing 5028734	SWL (mbgs) (masl)
DDMMYY Well_Depth_m: UTM RC 4 margin of error : 30 m - 100 m	Pump Rate (LPM) /
Not Used / Test Hole Abandoned-Other Depth (m)	Spec. Cap. (LPM/m) Hr / Min Elev (masl)
Water Found (mbgs) (masi) 0.0 Street LYON & MCLEOD STREET Town/City Ottawa	Color Soil Descriptions
	1 1

EXP Services Inc.

Katasa Groupe 381 Kent Street, Ottawa, Ontario Hydrogeological Investigation OTT-21019154-A0 November 8, 2023

Appendix B – Borehole Logs





roject No:	OTT-21019154-A0	-						F	igure N	lo	3	_		
roject:	Proposed High-Rise Development - I	Preliminary	In	/estiga	ition				Pag	ge	1 _of	2		
ocation:	<u>381 Kent Street, Ottawa, Ontario</u>													
ate Drilled:	'December 2, 2021		-	Split Spo Auger S	oon Samp ample	e			Combust	tible Vap <i>I</i> loisture	our Readi Content	ing		□ X
rill Type:	CME-55 Truck Mounted Drill-Rig		-	SPT (N)	Value		0		Atterberg	J Limits		F		-Ð
atum:	Geodetic Elevation		-	Shelby T	rube	SL			% Strain	at Failu	al at re			\oplus
ogged by:	MAD Checked by: MGM/	SMP		Shear S Vane Te	trength by st		+ s		Shear St Penetror	rength b neter Te	est			A
s		Conditio	D	Sta	andard Pe	netration .	Test N Va	ue	Combus	tible Var	oour Readi	ng (ppm)	S	Noturo
M B O	SOIL DESCRIPTION	Elevation m	e p t h	Shear	20 4 Strength	10 (60 E	30 kPa	2: Natu Atterb	ural Mois erg Limit	sture Conte ts (% Dry V	50 ent % Veight)	- M P L E	Unit Wt
	HALTIC CONCRETE ~ 50 mm thick	72.47 72.4	0		<u>50</u> 1		50 2	00	2	0	40 6	60	s N	
FILL Grave	el with sand, brick fragments, moist,	_			õ			2	5/0				X	SS1
	dours, no stains, (compact)		4										•	
	Y CLAY	/1.4	1											
(firm	to very stiff)	_			21								Ì	000
		_	2						45/0		*****		1	552
		69.67	7											
		-	3	6									\mathbb{N}	000
		_							40/0				4	553 16.7
		-68.4	4										•	
SILT High	<u>Y CLAY</u>	00.4								· · · · · · · · · · · · · · · · · · ·			-	
stains	s, (very soft to soft)	Har		r Weight										
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		_												
													:	
		-	6	2										
		65.9		0				0	T]: / 0 		<u> </u>	K	ľ	SS5
Claye	ey silty sand with gravel and shale	_	7											
cohe	sive, dark brown and grey, wet, no													
	is, no stains, (compactively suil)												-	
		_	8										-	
		_											-	
			9			nen 50/10	0 mm		h y	· · · · · · · ·			$\overline{\mathbf{N}}$	556
		62.9		-> <- 1 -> -> <- 1 ->			1.3.4.4.3 1.3.4.4.3	<u> 0</u>	/0	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · ·		ľ	000

_____X _____X SS6 0 62.9 10 Continued Next Page NOTES: LOG OF BOREHOLE LOGS OF WATER LEVEL RECORDS CORE DRILLING RECORD 1. Borehole data requires interpretation by EXP before use by others Water Level (m) RQD % Hole Open Run Depth % Rec. Date (m) 9.9 - 11.5 To (m) No. 2.19 mm diameter standpipe and 38 mm diameter monitoring well installed as shown upon completion of drilling. December 8,2021 100 14 2.8 1 11.5 - 13.1 (Shallow) 2 100 30 13.1 - 14.6 December 8, 2021 28 2.1 3 100 3. Field work was supervised by an EXP representative. (Deep) 4 14.6 - 16.1 100 36 4. See Notes on Sample Descriptions 5 16.1 - 17.7 100 47 5. Log to be read with EXP Report OTT-21019154-A0 6 17.7 - 19.2 95 85 19.2 - 20.3 7 95 93

Log of Borehole BH/MW21-1

Project No: OTT-21019154-A0

*ехр. 3

Project: Proposed High-Rise Development - Preliminary Investigation

Figure No.

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Ŭ L	M B O	SOIL DESCRIPTION		Elevatior m	n p t	Sh	2 near S	20 Strengt	40 h	6	50 8	80 kPa	Na Atter	tural Moi berg Lim	sture Cont its (% Dry	ent % Weight)	PLF	Unit Wt. kN/m ³
	L	WEATHERED SHALE BEDROCK		62.47 62.4	10) 	5	50 - : - : - :	100	<u>1</u>	50 <u>2</u>	:00 	<u> </u>	20	40 :	60 · · · · · · · ·	.∷	
		With sandy silty clay, dark grey to bl	ack,															
		SHALE BEDROCK																RUN1
	_	_With limestone partings, black, (poo _excellent quality)	or to		11										<u> </u>			
		_	_														····	
	_	_	_		12	2	· · · · · ·										·:: : -:- :	
																		RUN2
	_	59.5 P4			-													
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		_			14													RUN3
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			Jepui															
- 38																		
ы́ Б_NOTI	ES:			\A/ATE					200								חפ	
2 5 1.Bo	oreho se by	le data requires interpretation by EXP before others			LIX L	Wa	.∟ rtt ter		H	ole Op	en	Run	Dep	oth	Re North		R	QD %
	9 mm	diameter standpipe and 38 mm diameter	December	- 8,2021	L	<u>eve.</u> 2.	<u>l (m)</u> 8			<u>To (m)</u> -)	<u>No.</u>	(m 9.9 -) 11.5	100	2		14
U dr	ionitor rilling.	ring well installed as shown upon completion of	(Shall	ow)		-						2	11.5 -	13.1	100	2		30
3. Fi	ield w	ork was supervised by an EXP representative.	December (Dee	в, 2021 p)		2.	1					3	13.1 - 14.6 -	14.6 16.1	100 100) 1		28 36
ວັ 4.Se	ee No	otes on Sample Descriptions	Ì									5	16.1 -	17.7	100)		47
רן 5.Lc	og to l	De read with EXP Report OT 1-21019154-A0										0	17.7 -	19.2	1 95)		dD

6 17.7 - 19.2 19.2 - 20.3 7

93

95

roject: Proposed High-Rise Development - Preliminary Investigation Socation: 381 Kent Street, Otawa, Ontario ate Drilled: December 1, 2021 Appendent 1, 202 Appendent 1, 2021 Appendent 1, 202 Appendent 1, 2021 Appendent 1, 202 App	roject No:	OTT-21019154-A0						F	igure N	lo.	4			
Occution: 391 Kent Street, Otawa, Onlario ate Drilled: December 1, 2021 ate Drilled: December 1, 2021 ate Drilled: December 1, 2021 atum: Geodetic Elevation Geodetic Elevation Difference for the state Molaure Context Solid: December 1, 2021 Appression December 1, 2021 Solid: Solid: Solid: Solid: Solid: Solid: Solid: Solid: Solid: Solid: Solid:	roject:	Proposed High-Rise Development - P	reliminary	Investi	gation			_	Pag	e	1 of	2		•
ate Drilled: "December 1, 2021 rill Type: CME-55 Truck Mounted Drill-Rig atum: Geodetic Elevation atum: Geodetic Elevation Solu DESCRIPTION Solu DESCRI	ocation:	381 Kent Street, Ottawa, Ontario						_	U U					
Bill Type: CME-55 Truck Mounted Drill-Rig Auge Sample Number Schert Allebrag Linits O atum: Geodetic Elevation Dynamic Core Teal Dynamic Core Teal Undersonal Takaki at the theorem Schert Dynamic Core Teal Undersonal Takaki at the theorem Schert Dynamic Core Teal Dynam	ate Drilled:	'December 1, 2021		Split	Spoon Samp	le	\boxtimes		Combust	ible Vapo	our Readi	ng		
atum: <u>Geodetic Elevation</u> paged by: <u>MAD</u> Checked by: <u>MGM/SMP</u> Solid DESCRIPTION Solid Solid So	rill Type:	CME-55 Truck Mounted Drill-Rig		Auge SPT	er Sample (N) Value				Natural M Atterberg	loisture (Limits	Content	F		× -€
gged by: MAD Checked by: MGM/SMP Shear Shearing hor 3 Solid DESCRIPTION Shear Shearing hor Shear Shearing hor 3 Solid DESCRIPTION Consultation Shearing hor Shear Shearing hor 3 Solid DESCRIPTION Consultation Shearing hor Shear Shearing hor 3 Solid DESCRIPTION Consultation Shearing hor Shear Shearing hor 3 Solid DESCRIPTION Consultation Shearing hor Shear Shearing hor 3 Solid DESCRIPTION Consultation Shearing hor Shearing hor 3 Solid DESCRIPTION Consultation Shearing hor Shearing hor 4 Solid DESCRIPTION Consultation Shearing hor Shearing hor 5 Solid DESCRIPTION Consultation Shearing hor Shearing hor 71.0 Signature Shearing hor Shearing hor 9 Shearing hor Shearing hor Shearin <	atum:	Geodetic Elevation		Dyna	mic Cone Te	st ·			Undraine	d Triaxia	lat	•		⊕
SolL DESCRIPTION SolL DESCRIPTION ABBPHALTIC CONCRETE ~ 50 mm thick The second state of the second stat	ogged by:	MAD Checked by: MGM/S	MP	Shell Shea Vane	by Tube Ir Strength by	,	■ + s		% Strain Shear Str Penetron	ength by neter Tes	e / st			
Solit DESCRIPTION Concrete m 20 	s			vanc	Standard Pe	netration Te	est N Valu	e	Combus	tible Vap	our Readi	ng (ppm)	Ş	
AspHaLTIC CONCRETE - 50 mm thick Fill Silly sand with gravel, brick fragments, brown, moist, no odours, no stains, (loose) To mm, moist to wet, no odours, no stains, - (stiff) Silly CLAY - Grey, wet, no odours, no stains, (very soft) - Grey, wet, (compact/stiff) - Grey, wet, (c	Y M B	SOIL DESCRIPTION	Geodetic Elevation	D e p t She	20 4	40 60) 80) kPa	25 Natu Atterbe	i0 5 Iral Moist erg Limits	00 7 ure Conte s (% Drv V	50 nt % Veight)	– M P L	Natura Unit W
FILL Sill sand with gravel, brick fragments, brown, moist, no odours, no stains, (loose) 71.0 3 3 5		HALTIC CONCRETE ~ 50 mm thick	72.66 72.6	h 0	50 1	00 15	0 20	0	20	2 4	10 (50 	E S	KIN/III
brown, moist, no odours, no stains, (loose) SILTY CLAY Brown, moist to wet, no odours, no stains, (stiff) SILTY CLAY - Grey, wet, no odours, no stains, (very soft) - Gr	FILL Silty	sand with gravel, brick fragments.	_	9 C			· · · · · · · · · · · · · · · · · · ·						X	SS0
SILTY CLAY 71.0 71.0 10 <td>brow</td> <td>n, moist, no odours, no stains, (loose)</td> <td></td> <td>\square</td> <td></td>	brow	n, moist, no odours, no stains, (loose)											\square	
SILTY CLAY 71.0 10 10 20/0 X S52 Brown, moist to wet, no odours, no stains, (stiff) 69.86 10 11 10 10 11 12 10 11 10 11 12 10 11 12 10 11 12 11 12 11 12 11 12 11 12 11 12 11 12 12 11 12			-	1 7 - 0				25	5/0				X	SS1
SILTY CLAY	××-		71.0							······································				
Slowin, mist of wet, no odours, no stains, (stiff) Siltry CLAY - Grey, wet, no odours, no stains, (very soft) - Grey, wet, (compact/stiff) - Grey, wet, (compact/st		Y CLAY		11 	0			20	, ×				X	SS2
SILTY CLAY 69.06 SILTY CLAY 69.06 Grey, wet, no odours, no stains, (very soft) 69.0 GLACIAL TILL 66.7 Clayey silty sand with gravel and shale 66.7 Fragments, cobbles and boulders, slightly cohesive, grey wet, (compact/stiff) 66.7 6 13 13 13 14 14 15 15 16 16 16 16 17.2 16 16 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17.2 16 17.2 17.2 17.2 18.1 17.2 19.2 17.2 19.3 10.3 19.4 10.4 19.4 10.4 19.5 10.4 19.5 10.4 19.5 10.4 19.5 10.4 19.5 10.4 19.5 10.4 <tr< td=""><td>(stiff)</td><td>in, moist to wet, no odours, no stains,</td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>	(stiff)	in, moist to wet, no odours, no stains,	_											
69.0 SILTY CLAY Grey, wet, no odours, no stains, (very soft) - Grey wet, no odours, no stains, (very soft) - GlACIAL TILL Clayey silty sand with gravel and shale fragments, cobles and boulders, slightly cohesive, grey wet, (compact/stiff) - - - - - - - - - - - - - -			_		15		· · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	X		W	SS3
SILTY CLAY 69.0 ⁸ ¹⁰ ¹¹			69.86					35	5/0				Δ	18.1
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SILTY CLAY Grey, wet, no odours, no stains, (very soft) - - - - - - - - - - - - - -			69.0					25	5/0				μ	17.2
GLACIAL TILL 66.7 GLACIAL TILL 66.7 Clayey silty sand with gravel and shale -fragments, cobbles and boulders, slightly cohesive, grey wet, (compact/stiff) - <td>Grev</td> <td><u>Y CLAY</u> , wet, no odours, no stains, (very soft)</td> <td></td> <td>40</td> <td></td> <td></td> <td></td> <td>······</td> <td></td> <td></td> <td></td> <td></td> <td>$\overline{\nabla}$</td> <td></td>	Grev	<u>Y CLAY</u> , wet, no odours, no stains, (very soft)		4 0				······					$\overline{\nabla}$	
GLACIAL TILL 66.7 6 Clayey silty sand with gravel and shale 6 fragments, cobbles and boulders, slightly 6 cohesive, grey wet, (compact/stiff) 7 7 7 8 0 25/0 25/0								25	5/0			×	\mathbb{N}	885
GLACIAL TILL 66.7 Clayey silty sand with gravel and shale fragments, cobbles and boulders, slightly cohesive, grey wet, (compact/stiff) -			_											
GLACIAL TILL 66.7 Clayey silty sand with gravel and shale 6 fragments, cobbles and boulders, slightly 6 cohesive, grey wet, (compact/stiff) 7 7 7 8 00 00 25/0 8 25/0			4	5						· · · · · · · · · · · · · · · · · · ·				
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GLACIAL TILL Clayey silty sand with gravel and shale 66.7 6			1											
Clayey silty sand with gravel and shale fragments, cobbles and boulders, slightly cohesive, grey wet, (compact/stiff) - - - - - - - - - - - - -	GLA	CIAL TILL	66.7	6										
cohesive, grey wet, (compact/stiff)	Claye	ey silty sand with gravel and shale												
	cohe	sive, grey wet, (compact/stiff)]							· · · · · · · · ·		-> ->>		
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no second s														

OREHOI			10					
ĕ	Continued Next Page		10					
S OF	NOTES: 1 Borehole data requires interpretation by EXP before	WAT	ER LEVEL RECO	RDS		CORE DF	RILLING RECOF	RD
LOG	use by others	Date	Water Level (m)	Hole Open To (m)	Run No.	Depth (m)	% Rec.	RQD %
HOLE	 A 38 mm diameter monitoring well installed as shown upon completion of drilling. 	December 8,2021	2.8	-				
ORE	3. Field work was supervised by an EXP representative.							
OF B	4. See Notes on Sample Descriptions							
LOG	5.Log to be read with EXP Report OTT-21019154-A0							

Log of Borehole BH/MW21-2 Project No: OTT-21019154-A0



Project: Proposed High-Rise Development - Preliminary Investigation

Figure No.

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		S Y		Geodetic	D) Star	ndard	l Pen	etration T	est N Va	ue	Combus 25	tible Va 50	pour Readii 500 7	ng (ppr 50	1) S A M	Natural
M L	/	B SOIL DESCRIPTIC	N	Elevation m	p	2 Shear S	0 Streng	4 Ith) 6	i0 i	30 kPa	Natu Atterb	iral Mois erg Limi	sture Conte ts (% Dry V	nt % /eight)	P	Unit Wt. kN/m ³
	XX.		_	62.66	n 10	5	0	10	0 1	50 2	00	2	0	40 6	0	- E S	
		Clayey silty sand with gravel	and shale														
	Ģ	- fragments, cobbles and bould	lers, slightly -	-				<u></u>									
		(continued)	/sun)														
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		Auger Refusal at 12.6	n Depth				: :	: :								-	
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	1.Bo	orehole data requires interpretation by EXP b	efore	WATE	RL	EVEL RE	CO	RDS		an	Pus	CO	RE DR	ILLING R	ECOR	D	
, IE	us ^ ^ ^	se by others		ate	L	_evel (m)		ŀ	To (m)		No.	(m)	.1	% Ke	<i>u</i> .	ĸ	QU 70
] 	up	pon completion of drilling.	Decembe	er 8,2021		2.8			-								
	3.Fie	ield work was supervised by an EXP represer	tative.														
비	1.Se	ee Notes on Sample Descriptions															
ő ť	5. Lo	og to be read with EXP Report OTT-21019154	-A0														

roject No:	OTT-21019154-A0	nont D	liminar	In	(ootin-	tion				F	igure	No	5	_		
	281 Kopt Street Ottown Onto	rio	eiiminary	in	vestiga	uon				_	Pa	ige	<u>1</u> of	_1_		
		rio														
ate Drilled:	December 1, 2021			-	Split Spo Auger Sa	oon Sarr ample	nple				Combu Natural	stible Vap Moisture	oour Read Content	ling		×
riii Type:	CME-55 Truck Mounted Drill-R	lig		-	SPT (N)	Value			0		Atterbe	rg Limits		ŀ		Ð
atum:	Geodetic Elevation			-	Shelby T	ube	est	_			Undrair % Strai	n at Failu	al at re			\oplus
ogged by:	MAD Checked by:_	MGM/SN	<u>/IP</u>		Shear St Vane Te	trength I st	ру		+ s		Shear S Penetro	Strength b ometer Te	est			
S Y			Geodetic	De	Sta	andard F	Penetratio	on Tes	t N Valı	ue	Combu	istible Vaj 250	pour Read 500	ling (ppm) 750) S A M	Natura
M B O	SOIL DESCRIPTION		Elevation m	p t h	Shear	20 Strength	40	60	8	0 kPa	Na Atter	itural Mois berg Limi	sture Conte ts (% Dry	ent % Weight)	PLE	Unit W kN/m
	IALTIC CONCRETE ~ 50 mm th	nick /	72.44 72.3	0		50	37	150	20			20	40	60	s N	7
FILL Grave	el with sand, cobbles, boulders	and –	-				Ö			٦ 0	h∶ X ∕²				X	SS1
brick for the br	fragments, brown, damp, no od ains, (compact to dense)	lours,				22										
		_	71.0	1		0				0	/ o ×				X	SS2
- <u>SILTY</u> High	<u>CLAY</u>		1.0		13					• • • • • • • • • •						
stains	s, (hard)	urs, no 		2	o					0 >>	11: / 0 250		X		X	SS3
											t				P	
		_	1		15					• • • • • • • • • • • • • • • • • • •	/1		*		đχ	SS4
				э												17.8
					7 					۲ ٥	 / 0			×	X	SS5
	(CLAY		68.7				· · · · · · · · ·									17.3
-Grey,	wet, no odours, no stains, (stiff	f) —	Ham	hme	r Weight ⊕					F				*	HV	SSE
		_				77				U	/ 0					
			Ham	nme	r Weight	s = 5	.3							×	\mathbb{N}	557
		_	-	5						0	/ 0				Δ	007
		_	- Ham 60.04	hme	r Weight					· · · · · · · · · · ·				×	-	SSE
				6		67				0	/ 0					
		_	66.0	0		s = 3.5										
- Dynai	mic cone penetation test (DCP	T) —			N.				······							
depth	of 7.6 m.		-	7	1											
Increa	ased DCPT resistance at 7.0 m	depth														
	DCPT Refusal at 7.6 m Depth	-	64.8												+	

S OF	NOTES:	WAT	ERI	EVEL RECO	RDS		CORE DF	RILLING RECOF	RD
LOG	use by others	Date		Water _evel (m)	Hole Open To (m)	Run No.	Depth (m)	% Rec.	RQD %
10LE	2.A 38 mm diameter monitoring well installed as shown upon completion of drilling.	December 8,2021		5.6	-				
OREI	3. Field work was supervised by an EXP representative.								
F B	4. See Notes on Sample Descriptions	4	\leq	>					
LOG (5.Log to be read with EXP Report OTT-21019154-A0								

iect Proposed High-Rise Development - P	reliminary	Inv	estinat	ion				Figure N	lo	6		
cation: 381 Kent Street, Ottawa, Ontario	rommary		ooliga					Paę	ge. <u>1</u>	of _2	2	
e Drilled: 'November 29 and 30, 2021				0		E C		Quality	Vible) (see som D			_
Type: CME-55 Truck Mounted Drill-Rig		- 4	Auger Sa	imple	le]	Natural N	lible vapour R Ioisture Conte	nt		\mathbf{x}
um: Geodetic Elevation		- 5 [SPT (N) \ Dynamic	/alue Cone Te	st	0	-	Atterberg Undraine) Limits ed Triaxial at		H	— —
and by: MAD Checked by: MCM/S		- 5	Shelby Tu	ube			I	% Strain Shear St	at Failure rength by			•
ged by. MAD Checked by. MGM/3	DIVIP	٩	Shear Str /ane Tes	rength by st		+ s	-	Penetror	neter Test			
\$	Geodetic	D	Sta	ndard Pe	netration	Test N Va	lue	Combus	tible Vapour R	eading (750	ppm) S	Natura
SOIL DESCRIPTION	Elevation m	p t h	2 Shear S	to 4 Strength	40	60	80 kP	a Nati Atterb	ural Moisture C erg Limits (% [ontent % ry Weig	6 F ht) L	Unit Wi
ASPHALTIC CONCRETE ~ 60 mm thick	72 71.9	0	5	0 1	00 1	50 2	200	2	0 40	60		5
FILL Silty sand with gravel to gravel with silty	_		::::::::::::::::::::::::::::::::::::::		õ			X			$\left \frac{1}{1} \right $	SS1
sand, cobbles, boulders, brown, moist, no odours, no stains, (dense)	71.1		······································						· · · · · · · · · · · · · · · · · · ·			7
SILTY CLAY Brown, moist, no odours, no stains, (firm to			Ö					0/0				(SS2
very stiff)	_				14	H	+ (+) +) + (+) +) + (+) +)	>250				T T
	_	2	0				· · · · · · ·	0/1	×		<u></u>)	SS3
			· · · · · · · · · · · · · · · · · · ·									
			13 0					5/1		<		
SILTY CLAY	69.0	3							·····			7
Grey, moist to wet, no odours, no stains, —(stiff)	-		Ŏ	60				10 / 0		×	$\left \frac{1}{1} + \frac{1}{1} \right $	SS5
	58.2		s	= 3.0							į.	1
	Harr	nmer	Weight.					0/0		>	<	SS6
	_		· · · · · · · · · · · · · · · · · · ·									
	Ham	nmer 	Weight							×		ss7
								0/0				
	_): : : : : :					5/0	*		$\left \frac{1}{2} \right $	ssa 🖉
	00.2	6		9	6 						/	
			4 O	s =	2.9						\mathbb{N}	ss9
GLACIAL TILL	65.4							-15/0				1
Clayey sand with gravel and shale fragments, cobbies and boulders, slightly	202	7	. 15									001
cohesive, dark brown and grey, wet, no											<u> </u>	
stiff)			11					l v				001
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					4	14.4			1.5.5.5.5		1	1.1.1.1.1.1		
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DT 2/		_	65 4		4 O	•••••				1	5/0			
WA.G	GLACIAL TILL		65								X			
Ε	The fragments cobbles and boulders slid	hfly	00	7		15								
EO N	cohesive, dark brown and grey, wet,	no				0					×			
22		ry _				÷.		<u> </u>		+ + + + + + + + + + + + + + + + + + + +			+ + + + + +	
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KEI					13 31	31	1.5.5.1.	2022	13333	2	5/0		12332	3333
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우	(A)													
RE						1	1.53.11	22.22	13333					
E E	Continued Next Page			-' 10	L				·		• •			
S OF	1 Borehole data requires interpretation by EXP before		WATER	r Le	EVEL	RE	CORDS	3			CO	RE DR	LLING R	ECORD
ГŐ	use by others	Date	e	L	Wate evel (er m)		Hole Op To (m	en)	Run No.	Dep (m	th)	% Re	C.
끳	2.19 mm diameter standpipe and 38 mm diameter	December	8,2021		5.8			-		1	10.1 -	11.7	57	
뛰	drilling.	(Shallo	ow)							2	11.7 -	13.2	100	
N N N	3 Field work was supervised by an EXP representative	December	8, 2021		8.2					3	13.2 -	14.8	97	
۵	o. I for work was supervised by an EAF representative.	(Dee	p)							4	14.8 -	16.3	100	
ō	4. See Notes on Sample Descriptions									5	16.3 -	17.8	100	
ğ	5. Log to be read with EXP Report OTT-21019154-A0									6	17.8 -	19.3	100	
-1							·			7	19.3 - 2	20.9	97	

SS12

SS13

RQD %

Log of Borehole BH/MW21-4 Project No: OTT-21019154-A0

6

Project: Proposed High-Rise Development - Preliminary Investigation Figure No.

S Y B	SOIL DESCRIPTION	Geodetic Elevation	D e p t	Standard 20 Shear Strep	d Per 4	etration T	est N Va 0 a	lue 30 kPa	Combu 2 Na Atter	ustible Va 250 Itural Mois	pour Readir 500 7 sture Conte its (% Dry M	ng (ppm) 50 nt % /eight)	S A M P Uni
		62	h 10	50	1(00 15	50 2			20	40 6	i0	
	SHALE BEDROCK With limestone partings black (por	or to											
	excellent quality)	_											
	_	_	11	1									RL
	_	-											
	_		12		<u>.</u>						· · · · · · · · · · ·	··· ·· · · · · ·	
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	Borobole Terminated at 20.9 m l	51.1											
	Boronoro reminateu al 20.3 III I												
OTES:			'		BUd	3						FCOPD	
.Boreho	le data requires interpretation by EXP before others	Date		Water		- Hole Ope	en	Run	Dep	oth	% Re		RQD
2. 19 mm	diameter standpipe and 38 mm diameter	December 8,2021	L	<u>_evel (m)</u> 5.8		<u>To (m)</u> -		<u>No.</u>	(n 10.1 -	<u>ו)</u> 11.7	57		8
monitoi drilling.	ing well installed as shown upon completion of	(Shallow)		0.0				2	11.7 -	13.2	100		49
3. Field w	ork was supervised by an EXP representative.	December 8, 2021 (Deep)		8.2				3	13.2 - 14.8 -	14.8	97 100		57 73
1. See No	tes on Sample Descriptions							5	16.3 -	17.8	100		99
o. Log to	be read with EXP Report OTT-21019154-A0							6	17.8 -	19.3	100		91

EXP Services Inc.

Katasa Groupe 381 Kent Street, Ottawa, Ontario Hydrogeological Investigation OTT-21019154-A0 November 8, 2023

Appendix C – Single Well Response Test Results





Company: <u>EXP Services Inc.</u> Project: <u>OTT-21019154-A0</u> Location: <u>381 Kent Street</u> Test Well: <u>MW21-1</u> Test Date: September 28, 2023

Test Date: <u>September 28, 2023</u>	
AQUIFE	R DATA
Saturated Thickness: <u>1.4</u> m	Anisotropy Ratio (Kz/Kr): <u>1.</u>
WELL DATA (MW21-1 RH)
Initial Displacement: <u>2.59</u> m Total Well Penetration Depth: <u>6.3</u> m Casing Radius: <u>0.05</u> m	Static Water Column Height: <u>6.2</u> m Screen Length: <u>3.</u> m Well Radius: <u>0.07</u> m
SOLU"	TION
Aquifer Model: Confined	Solution Method: Hvorslev
K = 7.95E-6 m/sec	v0 = 0.3867 m

Data Set: C:\Users\AhmedD\OneDrive - EXP\Desktop\381 Kent Street HG\AqtSolve\Aqt MW21-1 RH.aqt Title: Multi Well Slug Test Date: 10/09/23 Time: 21:59:14

PROJECT INFORMATION

Company: EXP Services Inc. Project: OTT-21019154-A0 Location: 381 Kent Street Test Date: September 28, 2023 Test Well: MW21-1

AQUIFER DATA

Saturated Thickness: 1.4 m Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: MW21-1 RH

X Location: 0. m Y Location: 0. m

Initial Displacement: 2.59 m Static Water Column Height: 6.2 m Casing Radius: 0.05 m Well Radius: 0.07 m Well Skin Radius: 0.1 m Screen Length: 3. m Total Well Penetration Depth: 6.3 m

No. of Observations: 16

	Observation Data										
Time (min)	Displacement (m)	Time (min)	Displacement (m)								
0.	0.37	4.	0.12								
0.5	0.33	4.5	0.11								
1.	0.29	5.	0.09								
1.5	0.24	6.	0.07								
2.	0.21	7.	0.05								
2.5	0.18	8.	0.05								
3.	0.16	9.	0.03								
3.5	0.14	10.	0.03								

SOLUTION

Slug Test Aquifer Model: Confined Solution Method: Hvorslev Log Factor: 0.1887

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	7.95E-6	m/sec
y0	0.3867	m

K = 0.000795 cm/sec

T = K*b = 1.113E-5 m²/sec (0.1113 sq. cm/sec)

EXP Services Inc.

Katasa Groupe 381 Kent Street, Ottawa, Ontario Hydrogeological Investigation OTT-21019154-A0 November 8, 2023

Appendix D – Dewatering Rate Calculations



Figure DW-2:	Dewatering Flow	Estimation Equations			Jang Lagoning Registration Additional Control
Basic Dewatering Eq	uations Used	Consistent Units		Table 6.1 Summary of Analytic Model	al Models
		Equation for Confined Aquifer	Refer to Table 6.1, p. 67, Powers et al., 2007	0-7-Ro-1	
Radial Flow	Confined Aquifer Q	$r_{r} = [2\pi KB(H-h)]/ln(R_o/r_w)$	<radial end="" flow="contributions" from="" td="" wells<=""><td></td><td>0</td></radial>		0
Trench Flow	Confined Aquifer Q	_{ct} = 2xKB(H-h)/L	<trench both="" flow="contributions" from="" of="" sides="" td="" the="" trench.<=""><td>H B' Aw</td><td>G.</td></trench>	H B' Aw	G.
where		K = hydraulic conductivity in m/day		Radial flow, confined aquifer	K = h
		B = saturated thickness of the aquifer in m			
	I	H = initial GW elevation measured from ref. datum in m	<initial elevation<="" gw="" td=""><td>T</td><td></td></initial>	T	
		h = Target GW elevation in the well measured from ref. datu	m ir <target gw="" lower="" td="" the="" to="" to!<=""><td></td><td></td></target>		
	Я	R_{o} = radius of influence in m	< Sichart & Kryelis Eq. R_o = 3000(H-h)*(K) ^{0.5} where H & h are in meters and K in m/sec. R_o will be in metres.	Radial flow, water table	Q,
			Alternative equation by Beer (Peer 1, 1070, Hydraulies of Croundwater	aquifier	K = h
			McGraw-Hill, New York, 569p) R_0 =1.5(Tt/S) ^{0.5} where T is transmissivity in m^2/day , t is pumping duration in days , S is dimensionless storage coefficient. R_0 will be in metres .		Q _w =
	1	$r_w = radius of of the well in m$		Radial flow, mixed aquifer	K = h
	l	_ distance of influence for trench flow in m	< Similar to R_o = ZOI for radial flow	+1	
		Q = volume in m³/day			
		Equation for Unconfined Aquifer		Confined flow from a line	x = u
Radial Flow Ur	nconfined Aquifer Qլ	$_{\rm Jr} = \pi K(H^2 - h^2)]/\ln(R_o/r_w)$	<radial end="" flow="contributions" from="" td="" wells<=""><td></td><td>N = 11</td></radial>		N = 11
Trench	Flow Unconfined Q	$u_{t} = xK(H^{2}-h^{2})/L$ These eas have been used in dewatering calculations	<trench both="" flow="contributions" from="" of="" sides="" td="" the="" trench.<=""><td></td><td>0</td></trench>		0
				Water table flow from a line	<i>x</i> = u
Refer to Figs 6.7 and 6.8, p	0.70, Powers et al., 2007			source to a drainage trench	K = h
Equivalent Radius App	proximation	_			C
Circular System	r _s = (ab/π)^ ^{0.5}	< Circular system with aspect ratio a/b close to 1[Figur Powers et al].	e 6.7(a), p-70, Construction Dewatering & Groundwater Control, 3rd Ed, 2007,	Recommended flow per unit	C = e
Rectangular System	r _s = a+b/π	< Where the system is rectangular with unequal dimen 6.7(b), p-70, Construction Dewatering & Groundwater Co	isions of length 'a' and width 'b' and when the raio of a/b is >1 but <1.5 [Figure ontrol, 3rd Ed, 2007, Powers et al].	length of wet borehole (Sichart)	





(6.10a)

(6.10b)



^aExcept where noted: *Q* in gpm; *H*, *B*, *R*₀, *r*_w in ft; *H* ^bExcept where noted: *Q* in L/min; *H*, *B*, *R*₀, *r*_w in m

Pasic equation	IIS units ^a	Metric units ^b
Dasic equation	0.5. units-	matric units
$=\frac{2\pi KB(H-h_w)}{2\pi KB(H-h_w)}$	$Q_{\rm w} = \frac{KB(H - h_{\rm w})}{2000 \ln p}$	$Q_{\rm w} = \frac{KB(H - h_{\rm w})}{2.65 \times 10^{-6} \ln B}$
$\ln R_0 / r_w$	$229 \ln R_0 / r_w$	2.65×10^{-9} in R_0 / R_0
ydraulic conductivity		
$r_{\rm r} = \frac{\pi K (H^2 - h_{\rm w}^2)}{\ln R_{\rm o}/r_{\rm w}}$	$Q_{\rm w} = \frac{K(H^2 - h_{\rm w}^2)}{458 \ln R_0 / r_{\rm w}}$	$Q_{\rm w} = \frac{R(H^2 - h_{\rm w}^2)}{5.31 \times 10^{-6} \ln R_0 / r_{\rm w}}$
ydraulic conductivity		
$\pi K(2BH - B^2 - h^2)$	$K(2BH - B^2 - h^2)$	$K(2BH - B^2 - h^2)$
$\ln R_0 / r_w$	$Q_{\rm w} = \frac{1}{458 \ln R_{\rm o}/r_{\rm w}}$	$Q_{\rm w} = \frac{1}{5.31 \times 10^{-6} \ln R_0 / r_0}$
ydraulic conductivity		
$\frac{Q}{R} = \frac{KB(H-h)}{L}$	$\frac{Q}{x} = \frac{KB(H-h)}{1440L}$	$\frac{Q}{x} = \frac{KB(H-h)}{1.67 \times 10^{-5} L}$
ait length of tranch for flow	from 2 sides use twice the indicated	value
ydraulic conductivity	TION 2 SIDES, use twice the indicated	
$Q = \frac{K(H^2 - h^2)}{K(H^2 - h^2)}$	$\frac{Q}{d} = \frac{K(H^2 - h^2)}{L^2}$	$\frac{Q}{d} = \frac{K(H^2 - h^2)}{(H^2 - h^2)}$
2L	x 2880L	x $3.34 \times 10^{-5} L$
nit length of trench, for flov ydraulic conductivity	v from 2 sides, use twice the indicated	i value
_	$Q = 0.035/\sqrt{K}$	$Q_{1} = 24.91/r\sqrt{k}$
$k = 2\pi l_w r_w C \sqrt{K}$	r_w in in.	r _w in mm
npindar openidient	/ _w in ft	l _w in m

Dewatering System Configuration	Linear dewatering system for Dewatering Pumping of the shallow aqiuifer
REFERENCE AREA	381 Kent Street One 9 storey Tower with P2 Parking
Excavation Dimension (m) =	67 x 65
Aquifer Type =	Unconfined
Foundation Elevation (P2 level) =	65.5
Summary of Hydrogeological Conditions =	High plasiticity silty caly, grey wet, very soft to soft layer with lenses of granular material - Glacial Till. Excavation through Till. MW21-2 GW 69.86 masl on Dec. 8, 2022
Active Dewatering Segment Length (m) =	260
Aquifer Top Elevation (masl) =	69.86
Aquifer Bottom Elevation (masl) =	58
K (m/day) =	0.6869
K (m/sec) =	7.95E-06
Initial GW Elevation (masl) =	69.86
GW Elevation at Invert (masl) =	65.5
Drawdown (m) =	4.36
Excavation Bottom Elevation (masl) =	65.5
Target GW Elevation (masl) =	65.5
Ro from Sichart & Kryieleis (1982) =	37
Zone of Influence (m) =	63
Radius of the well rw =	0.25
Storage Coefficient 'S' =	0.01
Pumping Duration 't' in days =	3
rw (m) =	0.25
t (day) =	3
S =	0.01
ESTIMATED INITIAL STATE (LPD) =	235,290
Factor of Safety Dewatering Rate (LPD) =	294,113
PTTW Category =	EASR
Steady State or Long-Term Foundation Drainage Volume =	117,645
Stormwater Volume (L) =	61,340
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Page 1 of 1

Active coordinate

45° 24' 45" N, 75° 41' 45" W (45.412500,-75.695833)

Retrieved: Tue, 24 Oct 2023 14:12:32 GMT



Location summary

These are the locations in the selection.

IDF Curve: 45° 24' 45" N, 75° 41' 45" W (45.412500,-75.695833)

Results

An IDF curve was found.



Coefficient summary

IDF Curve: 45° 24' 45" N, 75° 41' 45" W (45.412500,-75.695833)

Retrieved: Tue, 24 Oct 2023 14:12:32 GMT

Data year: 2010 IDF curve year: 2010

Di cuive year. 2010						
Return period	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr
Α	19.8	26.3	30.6	35.9	39.9	43.9
В	-0.699	-0.699	-0.699	-0.699	-0.699	-0.699

Statistics

Rainfall intensity (mm hr⁻¹)

Duration	5-min	10-min	15-min	30-min	1-hr	2-hr	6-hr	12-hr	24-hr
2-yr	112.5	69.3	52.2	32.1	19.8	12.2	5.7	3.5	2.1
5-yr	149.4	92.0	69.3	42.7	26.3	16.2	7.5	4.6	2.9
10-yr	173.8	107.1	80.6	49.7	30.6	18.8	8.7	5.4	3.3
25-yr	203.9	125.6	94.6	58.3	35.9	22.1	10.3	6.3	3.9
50-yr	226.6	139.6	105.2	64.8	39.9	24.6	11.4	7.0	4.3
100-yr	249.4	153.6	115.7	71.3	43.9	27.0	12.5	7.7	4.8

Rainfall depth (mm)

Duration	5-min	10-min	15-min	30-min	1-hr	2-hr	6-hr	12-hr	24-hr
2-yr	9.4	11.5	13.0	16.1	19.8	24.4	34.0	41.8	51.5
5-yr	12.4	15.3	17.3	21.3	26.3	32.4	45.1	55.6	68.5
10-yr	14.5	17.8	20.2	24.8	30.6	37.7	52.5	64.6	79.6
25-yr	17.0	20.9	23.7	29.1	35.9	44.2	61.6	75.8	93.4
50-yr	18.9	23.3	26.3	32.4	39.9	49.2	68.4	84.3	103.9
100-yr	20.8	25.6	28.9	35.6	43.9	54.1	75.3	92.7	114.3

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Ontario Ministry of Transportation | Terms and Conditions | About Last Modified: September 2016

EXP Services Inc.

Katasa Groupe 381 Kent Street, Ottawa, Ontario Hydrogeological Investigation OTT-21019154-A0 November 8, 2023

Appendix E – Laboratory Certificate of Analysis



C A D U C E N N ENVIRONMENTAL LABORATORIES

2023-Sep-28

2023-Oct-11

Client committed. Quality assured. Canadian owned.

C.O.C.: G 110104

Report To:

EXP Services Inc - Ottawa 2650 Queensview Drive Suite 100 Ottawa, ON K2B 8H6

Attention: Delwar Ahmed

DATE RECEIVED:

DATE REPORTED:

Final P

CERTIFICATE OF ANALYSIS

REPORT No: 23-026466 - Rev. 0

CADUCEON Environmental Laboratories 2378 Holly Lane

Ottawa, ON K1V 7P1

CUSTOMER PROJECT: OTT-21019154-AO P.O. NUMBER:

SAMPLE MATRIX:	Ground Water						
Analyses		Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
Anions (Liquid)		1	OTTAWA	VKASYAN	2023-Sep-29	A-IC-01	SM 4110B
BOD5 (Liquid)		1	KINGSTON	JWOLFE2	2023-Oct-05	BOD-001	SM 5210B
Cond/pH/Alk Auto (Liquid)	1	1	OTTAWA	SBOUDREAU	2023-Sep-29	COND-02/PH-02/A	SM 2510B/4500H/
						LK-02	2320B
Cyanide Total (Liquid)		1	KINGSTON	JMACINNES	2023-Oct-04	CN-001	SM 4500-CN-E
ICP/MS Total (Liquid)		1	OTTAWA	AOZKAYMAK	2023-Oct-03	D-ICPMS-01	EPA 6020
ICP/OES Total (Liquid)		1	OTTAWA	NHOGAN	2023-Sep-29	D-ICP-01	SM 3120B
Mercury (Liquid)		1	OTTAWA	TBENNETT	2023-Oct-02	D-HG-02	SM 3112B
OC Pesticides (Liquid)		1	KINGSTON	CSUMMERHAYS	2023-Oct-03	PESTCL-001	EPA 8081
Oil & Grease (Liquid)		1	KINGSTON	MLANE	2023-Oct-02	O&G-001	SM 5520
PCB's (Liquid)		1	KINGSTON	CSUMMERHAYS	2023-Oct-03	PCB-001	EPA 8081
Phenols (Liquid)		1	KINGSTON	JMACINNES	2023-Oct-04	PHEN-01	MECP E3179
Sulphide (Liquid)		1	KINGSTON	EHINCH	2023-Oct-02	H2S-001	SM 4500-S2
SVOC - Semi-Volatiles (Li	quid)	1	KINGSTON	EASIEDU	2023-Oct-03	NAB-W-001	EPA 8270D
TP & TKN (Liquid)		1	KINGSTON	KDIBBITS	2023-Oct-03	TPTKN-001	MECP E3516.2
TSS (Liquid)		1	KINGSTON	KKHUTSYYEVA	2023-Oct-02	TSS-001	SM 2540D
VOC-Volatiles Full (Water)	1	RICHMOND_HILL	FLENA	2023-Oct-02	C-VOC-02	EPA 8260

R.L. = Reporting Limit

NC = Not Calculated

Test methods may be modified from specified reference method unless indicated by an $\,^{\star}$

Michelle Dubien Data Specialist

Final Report

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				Client I.D.	MW21-1
Parameter	Units	R.L.	Limits	Sample I.D. Date Collected	23-026466-1 2023-Sep-28
pH @25°C	pH units	-	11.0, 9.0	SAN, STORM	7.45
Fluoride	mg/L	0.1	10	SAN	<1.8
Sulphate	mg/L	1	1500	SAN	405
BOD5	mg/L	3	300, 25.0	SAN, STORM	3
Total Suspended Solids	mg/L	3	350, 15.0	SAN, STORM	4590
Phosphorus (Total)	mg/L	0.01	10, 0.4	SAN, STORM	3.08
Total Kjeldahl Nitrogen	mg/L	0.1	100	SAN	3.4
Sulphide	mg/L	0.01	2	SAN	<4.00 (EI)
Cyanide (Total)	mg/L	0.005	2, 0.02	SAN, STORM	0.041
Phenolics	mg/L	0.001	1, 0.008	SAN, STORM	<0.010
Aluminum (Total)	mg/L	0.01	50	SAN	19.8
Bismuth (Total)	mg/L	0.02	5	SAN	<0.02
Boron (Total)	mg/L	0.005	25	SAN	0.099
Cadmium (Total)	mg/L	0.005	0.02, 0.008	SAN, STORM	<0.005
Chromium (Total)	mg/L	0.002	5, 0.08	SAN, STORM	0.067
Cobalt (Total)	mg/L	0.005	5	SAN	0.025
Copper (Total)	mg/L	0.002	3, 0.04	SAN, STORM	0.061
Lead (Total)	mg/L	0.02	5, 0.12	SAN, STORM	0.06
Manganese (Total)	mg/L	0.001	0.05, 5	STORM, SAN	0.693
Molybdenum (Total)	mg/L	0.01	5	SAN	0.01
Nickel (Total)	mg/L	0.01	3, 0.08	SAN, STORM	0.05

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				Client I.D.	MW21-1
				Sample I.D.	23-026466-1
				Date Collected	2023-Sep-28
Parameter	Units	R.L.	Limits		-
Silver (Total)	mg/L	0.005	5, 0.12	SAN, STORM	0.005
Tin (Total)	mg/L	0.05	5	SAN	<0.05
Titanium (Total)	mg/L	0.005	5	SAN	2.03
Vanadium (Total)	mg/L	0.005	5	SAN	0.070
Zinc (Total)	mg/L	0.005	3, 0.04	SAN, STORM	0.205
Antimony (Total)	mg/L	0.0005	5	SAN	0.0014
Arsenic (Total)	mg/L	0.0005	0.02, 1	STORM, SAN	0.0059
Selenium (Total)	mg/L	0.005	0.02, 5	STORM, SAN	0.006
Mercury	mg/L	0.00002	0.001, 0.0004	SAN, STORM	<0.00002

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				Client I.D.	MW21-1
Parameter	Units	R.L.	Limits	Sample I.D. Date Collected	23-026466-1 2023-Sep-28
Benzene	mg/L	0.0005	0.01, 0.002	SAN, STORM	<0.0005
Bromodichloromethane	mg/L	0.002	0.35	SAN	<0.002
Bromoform	mg/L	0.005	0.63	SAN	<0.005
Bromomethane	mg/L	0.0005	0.11	SAN	<0.0005
Carbon Tetrachloride	mg/L	0.0002	0.057	SAN	<0.0002
Chlorobenzene	mg/L	0.0005	0.057	SAN	<0.0005
Chloroethane	mg/L	0.003	0.27	SAN	<0.003
Chloroform	mg/L	0.001	0.08, 0.002	SAN, STORM	<0.001
Chloromethane (Methyl Chloride)	mg/L	0.002	0.19	SAN	<0.002
Dibromochloromethane	mg/L	0.002	0.057	SAN	<0.002
Ethylene Dibromide	mg/L	0.0002	0.028	SAN	<0.0002
Dichlorobenzene,1,2-	mg/L	0.0005	0.088, 0.0056	SAN, STORM	<0.0005
Dichlorobenzene,1,3-	mg/L	0.0005	0.036	SAN	<0.0005
Dichlorobenzene,1,4-	mg/L	0.0005	0.017, 0.0068	SAN, STORM	<0.0005
Dichloroethane,1,1-	mg/L	0.0005	0.2	SAN	<0.0005
Dichloroethane,1,2-	mg/L	0.0005	0.21	SAN	<0.0005
Dichloroethylene,1,1-	mg/L	0.0005	0.04	SAN	<0.0005
Dichloroethylene,1,2-cis-	mg/L	0.0005	0.2, 0.0056	SAN, STORM	<0.0005
Dichloroethylene,1,2-trans-	mg/L	0.0005	0.2	SAN	<0.0005
Dichloropropane, 1, 2-	mg/L	0.0005	0.85	SAN	<0.0005
Dichloropropene,1,3-cis-	mg/L	0.0005	0.07	SAN	<0.0005

				Client I.D.	MW21-1
				Sample I.D. Date Collected	23-026466-1 2023-Sep-28
Parameter	Units	R.L.	Limits		-
Dichloropropene,1,3-trans-	mg/L	0.0005	0.07, 0.0056	SAN, STORM	<0.0005
Ethylbenzene	mg/L	0.0005	0.057, 0.002	SAN, STORM	<0.0005
Dichloromethane (Methylene Chloride)	mg/L	0.005	0.211, 0.0052	SAN, STORM	<0.005
Styrene	mg/L	0.0005	0.04	SAN	<0.0005
Tetrachloroethane,1,1,2,2-	mg/L	0.0005	0.04, 0.017	SAN, STORM	<0.0005
Tetrachloroethylene	mg/L	0.0005	0.05, 0.0044	SAN, STORM	<0.0005
Toluene	mg/L	0.0005	0.08, 0.002	SAN, STORM	<0.0005
Trichloroethane,1,1,1-	mg/L	0.0005	0.054	SAN	<0.0005
Trichloroethane,1,1,2-	mg/L	0.0005	0.8	SAN	<0.0005
Trichloroethylene	mg/L	0.0005	0.054, 0.0076	SAN, STORM	<0.0005
Trichlorofluoromethane (Freon 11)	mg/L	0.005	0.02	SAN	<0.005
Trimethylbenzene,1,3,5-	mg/L	0.0001	0.003	SAN	<0.0001
Vinyl Chloride	mg/L	0.0002	0.4	SAN	<0.0002
Xylene, m,p-	µg/L	1			<1
Xylene, m,p,o-	mg/L	0.0011	0.32, 0.0044	SAN, STORM	<0.0011
Xylene, o-	µg/L	0.5			<0.5
Oil & Grease (Total)	mg/L	1.0			9.5
Oil and Grease (Mineral)	mg/L	1.0	15	SAN	<1.0
Oil and Grease (Anim/Veg)	mg/L	1.0	150	SAN	8.6

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				Client I.D.	MW21-1
Parameter	Units	R.L.	Limits	Sample I.D. Date Collected	23-026466-1 2023-Sep-28
Acenaphthene	µg/L	0.05			<0.08
Acenaphthylene	µg/L	0.05			<0.06
Anthracene	µg/L	0.05			<0.05
Benzo[a]anthracene	µg/L	0.05			<0.16 (15)
Benzo(a)pyrene	µg/L	0.01			<0.03
Benzo(b)fluoranthene	µg/L	0.05			<0.06
Benzo(b+k)fluoranthene	µg/L	0.1			<0.1
Benzo(g,h,i)perylene	µg/L	0.05			<0.06
Benzo(k)fluoranthene	µg/L	0.05			<0.05
Butyl Benzyl Phthalate	mg/L	0.001	0.017	SAN	<0.001
Bis(2-Chloroethoxy)methane	mg/L	0.002	0.036	SAN	<0.002
Bis(2-ethylhexyl) Phthalate	mg/L	0.005	0.28	SAN	<0.010
Chrysene	µg/L	0.05			<0.06
Dibenzo(a,h)anthracene	µg/L	0.05			<0.06
Di-n-Butyl Phthalate	mg/L	0.0010	0.057	SAN	<0.0020
Dichlorophenol,2,4-	mg/L	0	0.044	SAN	<0
Diethyl Phthalate	mg/L	0.0010	0.2	SAN	<0.0020
Di-n-Octyl Phthalate	mg/L	0.0010	0.03	SAN	<0.0010
Fluoranthene	mg/L	0.00005	0.059	SAN	<0.00005
Fluorene	µg/L	0.05			<0.05
Indeno(1,2,3,-cd)Pyrene	µg/L	0.05			<0.06
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				Client I.D.	MW21-1
				Sample I.D.	23-026466-1
				Date Collected	2023-Sep-28
Parameter	Units	R.L.	Limits	I	-
Indole	mg/L	0.002	0.05	SAN	<0.002
Methylnaphthalene,1-	mg/L	0	0.032	SAN	<0.0001
Methylnaphthalene,2-(1-)	µg/L	1			<1
Methylnaphthalene,2-	mg/L	0	0.022	SAN	<0.0001
Naphthalene	mg/L	0.00005	0.059, 0.064	SAN, STORM	<0.00016
Phenanthrene	µg/L	0.05			<0.08
Pyrene	µg/L	0.05			0.10
				Client I.D.	MW21-1
				Sample I.D.	23-026466-1
				Date Collected	2023-Sep-28
Parameter	Units	R.L.	Limits		-
Poly-Chlorinated Biphenyls (PCB's)	mg/L	0.00005	0.0004	STORM	<0.00005
Identification Comment	-	-			-
Hexachlorobenzene	mg/L	0.00001	0.00004	STORM	<0.00001

Comments:

15. Elevated RDL due to sample matrix

Elevated MDL due to sample matrix interference

: City of Ottawa SAN: Sanitary Sewer By Law STORM: Storm Sewer By Law

Michelle Dubien Data Specialist

Summary of Exceedances						
Sanitary Sewer By Law						
MW21-1	Found Value	Limit				
Total Suspended Solids	4590	350				
Sulphide	<4.00	2				
Storm Sewer By Law						
MW21-1	Found Value	Limit				
Total Suspended Solids	4590	15.0				
Phosphorus (Total)	3.08	0.4				
Cyanide (Total)	0.041	0.02				
Phenolics	<0.010	0.008				
Copper (Total)	0.061	0.04				
Manganese (Total)	0.693	0.05				
Zinc (Total)	0.205	0.04				

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Michelle Dubien Data Specialist

GENERAL SAMPLE SUBMISSION FORM	SAMP	LES SUBMITT	ED TO;			TE	STING	REQ	UIREN	IENTS						RE	PORT NUM	IBER (Lab Us	e)
CADUCEZEN ENVIRONMENTAL LABORATORIES Client committed. Queilly assumed. Proudly Centerlien.	1	Kingston Ottawa Richmond Hill Barrie Windsor			O'Reg 153/04 O'Reg 406/19 RPI Coarse MISA Other:	Table Table	(1 - 9) (1 - 9.1)	_	ICC Mediun PWQO	n/Fine	Record c	of Site ble (1-9.1 Ag O'F Lar	l) ricultural Reg 558 T ndfill Mor	TCLP nitoring	2	31	09	1/28	8
Are any samples to be submitted intended for	Human Consump	otion under an	y Drinking V	Vater Regulation	s?] Yes		-	No	(If ye	s, subm	it all Dri	inking W	ater Sam	ples on a l	Drinking Wat	er Chain of Cu	stody)
rganization: EXP pontact: Delwar Ahmed delwar Ahmed 1: 289-404.3187 Fax: delwar ahmed Oexp. Com ditional Info (email, cell, etc): *Sample Ma	ddress: 265090 01' VC 150 uote #: 0. #: trix Legend: WW=Wa	eens vie. wite 100	Project N Additiona	Address (if different ame or #: T - 21010 al Info: GW=Groundwater, 1): ? 54 - A º .S=Liquid Sludge,	Server	Dischnese	Be City of	Soil, Se	· WALYS	SES REQU	JESTEI	D Is, F=Fill	ter, Oil =	Suspected Highly Contaminated		TURNAF REQUESTI *Must be an Platinum* Gold* Silver Bronze Standard Specific D	COUND SERVIC ED (see back p. rranged in adva 200% 100% 50% \$ 25% \$ 5-7 da	E age) ance Surcharge Surcharge Surcharge Surcharge ys
Lab		S.P.L.	Sample Matrix *	Date Collected	Time			By I	Indi Ising A	cate Test Check M	For Each S lark In The	ample Box Prov	uided		X	P P	ield Temp	# Bottles/ Sample	Field Filter
$M \approx 21 - 1$		ζ.ω (w	28.09.23	2.30 PM	X	X	χ	X	X						Pri-		14	NO
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SAMPLE SUBMISSION INFORMATION		SHIPPING I	NFORMATIO	N	REPORT	ING / I	NVOIC	ING			6	SAMPL	E RECE	IVING IN	FORMA	TION (LAB	DRATORY U	SE ONLY)	
Sampled by: Submitted by:	Courier (Clien	it account)		Invoice	Report by Fax			1	R	eceived	By (print)	: 17	essi	ica	C	Signature	30		
int: Shabynaz Abdel. Shabynaz	Courier (Cadu	iceon account)			Report by Email		4	/	D	ate Rec	eived (yy-r	nm-dd):	23	09	-28	Time Rece	eived:	1.46	>
In phalynon Shynon	Caduceon (Pi	ck-up)		# of Pieces	Invoice by Email Invoice by Mail				S	aporato ample T	emperatur	a Bottle	is:	R	es Labe	led by:		1253	
Date (yy-mm-dd)/Time: Date (yy-mm-dd)/Time: omments:					I		112			1			10	0			Page	of	
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Table 1. Limits for Sanitary and Combined Sewers [

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Parameter	Limit (mg/L)	$\hat{\mathbf{D}}$,	
Biochemical Oxygen Demand	300	Pet	
Cyanide (total)	2	CN	
Fluoride	10	P	
Total Kjeldahl Nitrogen	100	N IP	
Oil & Grease . Animal & Vegetable	150	l VI	/
Oil & Grease . Mineral & Synthetic	15	046	
Phenolics (4AAP)	1	Diana	> X Z
Phosphorous (total)	10	PREMC	
Sulphates	1500	1-1-5	
Sulphides	2	1 (2)	
Suspended Solids (total)	350	Metal	
Aluminum (total)	50		
Antimony (total)	5	HY	ſ
Arsenic (total)	1	2100 (1	RICINAL
Bismuth (total)	5	2000 (1	Junk
Boron (total)	25	XIL	
Cadmium (total)	0.02	,	
Chromium (total)	5		
Cobalt (total)	5		
Copper (total)	3		
Lead (total)	5		
Manganese (total)	5		
Mercury (total)	0.001		
Molybdenum (total)	5		
Nickel (total)	3		
Selenium (total)	5		
Silver (total)	5		
	5		
litanium (total)			
	3 0 0 1		
	0.01		
Bromodicnioromethane	0.30		
a Bromotorm Normana a second as a contract of the second state of the first second state of the second state of the second	U.03		

Bromomethane	0.11
Carbon Tetrachloride	0.057
Chlorobenzene	0.057
Chloroethane	0.27
Chloroform	0.08
Chloromethane	0.19
Dibromochloromethane	0.057
1,2 Dibromoethane	0.028
1,2.Dichlorobenzene / o	0.088
1,3.Dichlorobenzene / m	0.036

Table 2. Limits for Storm Sewer Discharge

Parameter	Limit (mg/l)
Biochemical Oxygen Demand	25
Cyanide (total)	0.02
Phenolics (4AAP)	0.008
Phosphorous (total)	0.4
Suspended Solids (total)	15
Arsenic (total)	0.02
Cadmium (total)	0.008
Chromium (total)	0.08
Copper (total)	0.04
Lead (total)	0.12
Manganese (total)	0.05
Mercury (total)	0.0004
Nickel (total)	0.08
Selenium (total)	0.02
Silver (total)	0.12
Zinc (total)	0.04
Benzene	0.002
Chloroform	0.002
1,2-dichlorobenzene	0.0056

Pet CN Pheno? NP (X2 R Metal 2VOC (Blank) 2XIL



QUOTATION FOR ANALYTICAL SERVICES

Valid Until:

Quote #:	
Organization:	
Contact:	
Telephone:	
Email:	
Project #:	
Address:	City of Ottawa Sewer Use By-Law 2003-514
Invoice To:	· · · · · · · · · · · · · · · · · · ·
Date:	

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
	影響影響心影響	Schedule BiStorm Sewer Discha	rgelikation	的影響和非常調整	出行和目的问题
1	1	General Chemistry (pH, BOD5, CN, Phenols (4AAP), TP, TSS)	100.00	100.00	
2	1	Metals (As, Cd, Cr, Cu, Pb, Mn, Hg, Ni, Se, Ag, Zn)	52.50	52.50	
3	1	VOC's (Benzene, Chloroform, 1,2- Dichlorobenzene, 1,4-Dichlorobenzene, Cis-1,2- Dichloroethylene, Methylene Chloride, Ethylbenzene, Tetrachloroethylene, Toluene, Trichloroethylene, Xylenes (total), Trans-1,3 Dichloropropylene,, 1,1,2,2-Tetrachloroethane	ww	87.15	87.15
4	1	SVOC's and PAH's (Naphthalene, Hexachlorobenzene, PAH (Total))	204.75	204.75	
5	• 1	PCB's	ww	71.40	71.40
6	1	Nonyphenois & Nonyiphenoi Ethoxylates (sub-contracted)	ww	330.00	330.00
•	-	Sample Supplies Surcharge	Surcharge	5%	\$42.29
•	1	Sample Disposal Surcharge	Surcharge	\$2.00	\$2.00
				Subtotal HST Total Cost	\$890.09 \$115.71 \$1,005.80

All submissions must have a completed C-o-C form indicating report recipient name and address, invoicing information (if different from recipient), P.O. Number &/or Project Number, Caduceon Quotation Number, and analysis requested, or General pricing will be applied. If a P.O. Number is mandatory to process payment, the P.O. Number must be supplied prior to invoicing or an administrative charge will be applied. Caduceon is a member of the Canadian Association for Laboratory Accreditation (CALA) and participates in the proficiency testing program for a list of parameters registered with the association. The laboratory is accredited for specific tests by CALA and was found to comply with the requirements of ISO/IEC Guide 17025. See Scope of Accreditation for list of tests. This quote is intended for the addressee(s) show on this form only, and may contain information which is confidential and privileged, any disclosure, copying, distribution or use of the contents of this quote without the consent of Caduceon Environmental Laboratories is prohibited.

Steve Garrett Director of Laboratory Services Caduceon Environmental Laboratories E-mail: sgarrett@caduceonlabs.com

QUOTATION FOR ANALYTICAL SERVICES

Valid Until:

HST

Total Cost

\$397.18

\$3,452.42

Quote #:	
Organization:	
Contact:	
Telephone:	
Email:	
Project #:	
Address:	City of Ottawa Sewer Use By-law 2003-514
Invoice To:	•
Date:	

Item # Quantity Analysis Request Matrix Unit Cost, \$ Amount, \$ A second se General Chemistry (pH, BOD5, TSS, CN, F, TP/TKN, Total Oil & Grease 1 1 ww 173.45 173.45 (Animal/Vegetable/Mineral/Synthetic), Phenols (4AAP), SO4, S2-) Metals (Al, Sb, As, Bi, B, Cd, Cr, Co, 2 1 Cu, Pb, Mn, Hg, Mo, Ni, Se, Ag, Sn, Ti, ww 52.50 52.50 V Zn) VOC's (Benzene, Bromodichloromethane, Bromoform, Bromomethane, Carbon Tetrachloride, Chloroform, Chloromethane, Chlorobenzene, 1,2-Dichlorobenzene, Dibromochloromethane, cis-1,3 Dichloropropylene, 1,2-Dibromoethane, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,1-Dichlorethane, 1,2-Dichloroethane, 1,1-3 1 ww 87.15 87.15 Dicloroethylene, Trans-1,2-Dichloroethylene, 1,1,1-Trichlorethane, 1,1,2-Trichlorethane Cis-1,2-Dichloroethylene, 1,2-Dichloropropane, Methylene Chloride, Ethylbenzene, Tetrachloroethylene, Trichlorofluromethane, 1,3,5Trimethylbenzene, Toluene, Trichloroethylene, Xylenes (total) Styrene, Trans-1,3 Dichloropropylene, 1,1,2,2-Tetrachloroethane, Vinvi Chloride, Chloroethan SVOC's and PAH's (Bis(2-Chloreth)meth, Bis(2-ethylhexyl Phthalate), Butyl Benzyl Phthalate, 2,4-Dichlorophenol, Diethyl Phthalate, 4 1 ww \$204.75 \$204.75 Dibutyl Phthalate, Dioctylphthalate, Fluorene, Hexachlorobenzene, Indole, 1-Methyl-Naphthalene, 2-Methyl-Naphthalene, Naphthalene, PAH (Total) 1 5 Dioxins and Furans (sub-contracted) ww 1300.00 1300.00 1 6 Formaldehyde (sub-contracted) ww 275.00 260.00 Nitrosodimethylamine (NDMA) (sub-7 1 ww 500.00 500.00 contracted) Nonylphenois & Nonylphenoi 8 1 ww 330.00 330.00 Ethoxylates (sub-contracted) • -Sample Supplies Surcharge Surcharge 5% \$145.39 1 . \$2.00 \$2.00 Sample Disposal Surcharge Surcharge Subtotal \$3,055.24

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