



Omni-McCann

Geotechnical Assessment

555, 591, 595 and 603 March
Road, Ottawa, ON

Produced for:

March and Main Developments Inc.

Produced by:

Omni-McCann Inc.

Reference Number:

0006-0103

Date:

March 28, 2023

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1 INTRODUCTION

Omni-McCann Inc. (Omni-McCann) was retained by March & Main Developments Inc. and 591 and 595 March Road Developments Inc. to conduct a Geotechnical Assessment of the properties located at 555, 591, 595 and 603 March Road in Ottawa, Ontario (the ‘Site’). The location and boundaries of the Site are shown in **Figure 1** and **Figure 2** of **Appendix A**, respectively.

Omni-McCann understands that the Geotechnical Assessment is required to support plans to redevelop the property as a mixed-use commercial/residential complex.

1.1 SITE DESCRIPTION

The Site is located along the west side of March Road running south from the intersection of Terry Fox Drive and March Road in the Kanata Technology Park of Ottawa, Ontario. The Site covers municipal addresses 555, 591, 595, and 603 March Road and is legally described as the following:

- **555 March Road** - Part of Lot 9, Concession 3, Part 1, Plan 5R9546 except Part 1, Plan 4R7933, Part 15, Plan 4R12735, Kanata (PIN 04518-0067).
- **591 March Road** - Part of Lot 9, Concession 3, Part 1, Plan 5R12441 except part 1 on 4R94, Kanata (PIN 04518-0061).
- **595 March Road** - Block 1, Plan 4M1104 (PIN 04518-0115).
- **603 March Road** - Part of Lot 9, Concession 3, March (PIN 04518-0065).

The Site is irregular in shape, oriented northwest to southeast, and is approximately 5.55 ha in plan area based on information available through the City of Ottawa’s Interactive Online Mapping Tool (GeoOttawa). The Site location and boundary are shown on **Figures 1** and **2** in **Appendix A**, respectively. Property boundaries and adjacent land uses are described as follows:

- **North boundary:** Terry Fox Drive followed by a residential subdivision.
- **East boundary:** March Road followed by the Nokia office campus.
- **West boundary:** The Ciena office campus, Hines Road, and small high-tech services and supply businesses.
- **South boundary:** Small high-tech services and supply businesses and an insurance company office (Allan Mann Insurance Ltd.).

The Site is owned by March and Main Developments Inc. and 519 and 595 March Road Developments Inc. (herein referred to as the ‘Owners’) and has a variety of uses and structures. A brief description of each municipal address associated with the Site is provided below:



- **555 March Road:** The eastern half consists of landscaped areas, a single structure, and parking/drive lanes connected to March Road and 591 March Road. The structure is a single storey with an approximate footprint area of 1,654 m² and sits between the landscaped area adjacent to March Road and Parking to the rear (west) of the structure. Presently, the structure is used as a fitness centre. A driving lane connects to the adjacent municipal address to the north, 591 March Road, via the rear parking area. The remainder of the Site is undeveloped vacant land that wraps around the western boundary of 591 March Road.
- **591 March Road:** This portion of the Site is surrounded on the south and west by 555 March Road and on the north by 595 March Road. A single, multi-unit commercial plaza in an 'L' shape is along the north and west boundaries. The structure is single-storey with an approximate footprint area of 1748 m², with parking and driving lanes occupying the remainder of the Site.
- **595 March Road:** This address consists of vacant, undeveloped land running from March Road to the east to Hanes Road and a municipal walkway to the west. There are no permanent structures, and the property has significant vegetation growth.
- **603 March Road:** This address occupies the northernmost portion of the Site with a single, two-storey structure, paved parking lot, and landscaped areas. The structure is approximately 7,060 m², primarily used as office space and high-tech electronic component research and development. This portion of the property extends from March Road to a municipal walkway on the western boundary. The parking lot extends from the structure to the western boundary of the Site.

1.2 PROPOSED DEVELOPMENT

The Owner plans to redevelop the Site as a mixed-use residential and commercial community hub. Based on information available at the time of writing, the proposed development would consist of a mixture of mid to high-rise residential buildings, with commercial and amenity space on the ground floor, and mid-rise office buildings.

Omni-McCann understands that the existing Site structures will be demolished in phases as development and construction progresses. All new structures are proposed to have sub-surface parking where bedrock surfaces allow. Initial site clearing and preparation are planned for the second quarter of 2023. The final construction schedule and general contractor are yet to be determined. Novatech Engineering Consultants will manage the construction project on behalf of the Owner.

Omni-McCann was provided with the following information regarding the proposed redevelopment at the time of writing:

- 11 new buildings; and



-
- Between 6 and 30-storey structures with below grade levels extending to bedrock, up to 3 m below grade.



2 SITE INVESTIGATION

Omni-McCann coordinated and supervised multiple site investigations between November 2021 and November 2022 that included drilling boreholes at fifty-two (52) locations across the Site. The drilling program included soil sampling, standard penetration testing (SPT) in thirty-four (34) boreholes, and rock core logging in eight (8) boreholes. Borehole locations are shown on **Figure 2** in **Appendix A**.

Exterior drilling was completed by Aardvark Drilling Inc. of Carleton Place, Ontario, using a track-mounted CME-75 drill rig equipped with continuous flight, hollow stem augers and a triple tube diamond coring system. Interior drilling was completed by Strata Drilling Group using a modified dual tube diamond coring system for limited access applications. All boreholes were advanced to their targeted depths, ranging from 4 m to 30 m below ground level (BGL). Monitoring wells were installed in all of the boreholes with the exception of five (5) locations. Two (2) of the boreholes, BH22-19 and BH22-25, were backfilled with bentonite. Three (3) boreholes: MW22-39, MW22-40, and MW22-41 had 7 Channel CMT multilevel monitoring systems installed in support of the concurrent Phase II ESA program (reported under separate cover). Details of the completed boreholes are summarized in **Table 1**.

Table 1. Summary of Borehole Locations & Details

Borehole ID	Location	Maximum Depth	Completion Details
MW21-01A	Adjacent western bay door at 603 March Rd. building.	7.6 m BGL	Completed with standpipe
MW21-01B	Adjacent western bay door at 603 March Rd. building.	12.2 m BGL	Completed with standpipe
MW22-01C ¹	Adjacent western bay door at 603 March Rd. building.	18.4 m BGL	Completed with standpipe
MW21-02A	Adjacent southern accessible door at 603 March Rd. building.	7.3 m BGL	Completed with standpipe
MW21-02B	Adjacent southern accessible door at 603 March Rd. building.	12.2 m BGL	Completed with standpipe
MW21-03A	Property line south of parking lot runoff/snow piling area of 603 March Rd. property.	7.6 m BGL	Completed with standpipe
MW21-03B	Property line south of parking lot runoff/snow piling area of 603 March Rd. property.	12.2 m BGL	Completed with standpipe
MW22-03C ¹	Property line south of parking lot runoff/snow piling area of 603 March Rd. property.	18.3 m BGL	Completed with standpipe



Borehole ID	Location	Maximum Depth	Completion Details
MW21-04A	Southern property line of 603 March Rd. near March Road	9.0 m BGL	Completed with standpipe
MW21-04B	Southern property line of 603 March Rd. near March Road	12.8 m BGL	Completed with standpipe
MW22-04C ¹	Southern property line of 603 March Rd. near March Road	18.3 m BGL	Completed with standpipe
MW21-05A	Eastern property line between 603 March Rd. building and March Road.	8.1 m BGL	Completed with standpipe
MW21-05B	Eastern property line between 603 March Rd. building and March Road.	12.5 m BGL	Completed with standpipe
MW22-05C ¹	Eastern property line between 603 March Rd. building and March Road.	18.3 m BGL	Completed with standpipe
MW21-06A	North of 603 March Rd. building near Terry Fox Boulevard.	8.1 m BGL	Completed with standpipe
MW22-06B ¹	North of 603 March Rd. building near Terry Fox Boulevard.	12.7 m BGL	Completed with standpipe
MW21-07	603 March Rd. interior, adjacent to former sump in southwestern portion of building.	7.0 m BGL	Completed with standpipe
MW21-08	603 March Rd. interior, western bay door adjacent to sump.	7.3 m BGL	Completed with standpipe
MW21-13A	Adjacent to 603 March Rd. building western emergency exit.	7.6 m BGL	Completed with standpipe
MW22-13B ¹	Adjacent to 603 March Rd. building western emergency exit.	12.2 m BGL	Completed with standpipe
MW21-14A	Mid Parking lot of 603 March Rd., west of MW21-01 cluster.	8.2 m BGL	Completed with standpipe
MW22-14B ¹	Mid Parking lot of 603 March Rd., west of MW21-01 cluster.	12.8 m BGL	Completed with standpipe
MW21-15A	Adjacent to southwest corner of 603 March Rd. building.	7.9 m BGL	Completed with standpipe
MW22-15B ¹	Adjacent to southwest corner of 603 March Rd. building.	12.8 m BGL	Completed with standpipe
MW21-16A	Parking lot south of MW21-02 cluster.	7.6 m BGL	Completed with standpipe
MW22-16B ¹	Parking lot south of MW21-02 cluster.	12.2 m BGL	Completed with standpipe



Borehole ID	Location	Maximum Depth	Completion Details
MW21-17A	Parking spaces adjacent to outdoor eating area of 603 March Rd. building.	7.6 m BGL	Completed with standpipe
MW22-17B ¹	Parking spaces adjacent to outdoor eating area of 603 March Rd. building.	12.3 m BGL	Completed with standpipe
MW22-18 ¹	Adjacent to bay door of 555 March Rd. building.	9.8 m BGL	Completed with standpipe
BH22-19 ¹	Adjacent to 555 March Rd. transformer.	1.2 m BGL	Backfilled with bentonite
MW22-20 ¹	South central property line in parking lot of 555 March Rd.	9.1 m BGL	Completed with standpipe
MW22-21 ¹	Parking lot adjacent to south central area of 555 March Rd. building.	10.7 m BGL	Completed with standpipe
MW22-22 ¹	Southeastern area of parking lot of 555 March Rd.	9.1 m BGL	Completed with standpipe
MW22-23 ¹	Landscaped area east of the 555 March Rd. building.	9.1 m BGL	Completed with standpipe
MW22-24 ¹	Landscaped area north of the 555 March Rd. building.	9.8 m BGL	Completed with standpipe
BH22-25 ¹	Adjacent to 591 March Rd. transformer.	2.7 m BGL	Backfilled with bentonite
MW22-26 ¹	Southwestern corner of the 555 March Rd. property.	8.2 m BGL	Completed with standpipe
MW22-27 ¹	Brush line, west central property line of 555 March Rd.	8.2 m BGL	Completed with standpipe
MW22-28 ¹	Southwestern corner of the 603 March Rd. property.	8.2 m BGL	Completed with standpipe
MW22-29 ¹	Parking lot west central property line of 603 March Rd.	9.8 m BGL	Completed with standpipe
MW22-30 ¹	Northwestern corner of the 603 March Rd. property.	9.1 m BGL	Completed with standpipe
MW22-31 ¹	Central landscaped area along 603 March Rd. southern property line.	7.6 m BGL	Completed with standpipe
MW22-32 ^{1,2}	South central area of vegetated area of 555 March Rd.	8.2 m BGL	Completed with standpipe
MW22-33 ^{1,2}	Center of vegetated area of 555 March Rd.	8.1 m BGL	Completed with standpipe
MW22-34 ^{1,2}	West central area of 595 March Rd., south of 603 March Rd. fence line.	7.9 m BGL	Completed with standpipe



Borehole ID	Location	Maximum Depth	Completion Details
MW22-35 ^{1,2}	Adjacent to northwest entrance/atrium of 603 March Rd. building.	8.0 m BGL	Completed with standpipe
MW22-36 ^{1,2}	Northwest area of vegetated area of 555 March Rd.	7.9 m BGL	Completed with standpipe
MW22-37 ¹	Blast/Broken rock pile adjacent to Hines Rd. turn around.	8.8 m BGL	Completed with standpipe
MW22-38 ¹	Adjacent to transformer on 603 March Rd. beside Terry Fox and March intersection.	8.5 m BGL	Completed with standpipe
MW22-39 ^{1,2}	North property line of 595 March Rd. between MW21-03 and MW21-04 clusters.	30.0 m BGL	Completed with 7-channel CMT
MW22-40 ^{1,2}	Northeastern corner of 595 March Rd. property.	30.0 m BGL	Completed with 7-channel CMT
MW22-41 ^{1,2}	Southern property line of 595 March Rd. adjacent to center of 591 March Rd. building.	30.0 m BGL	Completed with 7-channel CMT

Notes:

¹ Boreholes where SPT was conducted/recorded.

² Boreholes where rock core was logged.

Omni-McCann personnel logged the recovered material from the drilling program using the Modified Unified Soil Classification System (USCS) for recovered soil and International Society for Rock Mechanics (ISRM) guidelines for rock core logging. Borehole logs are included in **Appendix B** for reference. It was Omni-McCann’s understanding that all unconsolidated materials below proposed buildings were to be removed and replaced, as needed, with engineered fill. As such, no laboratory testing was completed on soil materials.



3 SUBSURFACE CONDITIONS

3.1 SUBGRADE SOILS

As the Site is currently developed, the surficial material at the Site varies by area. Several parking areas and drive lanes were asphalt covered, with asphalt thickness generally less than 0.1 m. Imported topsoil is present in landscaped areas around the Site buildings that ranges in thickness from approximately 0.1 to 0.3 m. Up to 0.9 m of sand and gravel fill (Granular A - <19 mm, ≤5% material finer than 75 µm) was present beneath paved portions of the Site and under imported topsoil immediately adjacent to the paved portions of the Site. Sand and gravel fill was not typically observed below the landscaped areas of the Site. Suspected fill material comprised of clay with varying amounts of gravel was observed up to 0.6 m thick underlying the sand and gravel fill around the southwestern corner of the 555 March Rd. building. Below the fill material, low plasticity clay with sand was observed between 0.6 m to 2 m thick, extending to bedrock. At some boreholes on the northern and southern portions of the Site, medium to high plasticity clay was observed extending to bedrock.

On the undeveloped southwestern and central portions of the Site, a 0.7 m thick layer of humic topsoil was observed. A layer of clay with varying sand content between 0.1 m to 0.9 m thick was observed in the southwest, extending up to the center of the undeveloped portion of the Site. In the northwestern portion of the Site, a layer of sand with silt or clay was observed on top of bedrock.

The natural soils encountered on site are interpreted to be of glaciomarine origin.

3.2 BEDROCK

Bedrock was encountered at depths ranging from 0.3 to 2.8 m BGL. Bedrock was described as interbedded medium grained dolostone and quartz arenite of the Beekmantown Group. Based on rock core logging of a select number of boreholes distributed across Site, the rock mass is generally described as strong to very strong (R4 to R5) with faint to no weathering even very close to the soil/bedrock contact. In general, joints in the rock mass are very close to moderate spacing with joint spacing generally ranging from less than 5 cm to up to 1 m; most joints are considered rough with occasional joints described as smooth.

3.3 GROUNDWATER CONDITIONS

No significant seepage or indication of water was observed in soil above the bedrock at the Site. As such, no monitoring wells were screened within the overburden. During drilling activities, the presence of the water table was based on moisture returned to surface with rock cuttings.



3.3.1 ELEVATIONS AND FLOW DIRECTION

Screen intervals were chosen to intersect the top of the water table or target depths below the top of the water table. Groundwater conditions in a fractured bedrock environment often lead to confinement of an aquifer based on the connectivity of the fracture network.

Shallow groundwater elevations were found to be between 3.4 and 7.5 m BGL. See **Figure 3** in **Appendix A** for a visual representation of groundwater elevations and interpreted flow.

Groundwater elevations are expected to experience seasonal variation consistent with the surrounding area. However, with thin overburden the presence of coarse textured fill, typical of utility corridors or drainage/infiltration ditches, sitting directly on bedrock will create preferential pathways for infiltration into the subsurface. These preferential infiltration areas would cause mounding of groundwater, as interpreted from the December 5, 2022 elevations.

3.3.2 HYDRAULIC GRADIENTS

Horizontal gradients at the Site were calculated to range from 0.005 m/m to 0.034 m/m with an average gradient of 0.017 m/m. In addition, hydraulic conductivity tests were conducted at select locations. The calculated hydraulic conductivities ranged from 1×10^{-5} to 6×10^{-5} m/s with an average of 3×10^{-5} m/s.



4 GEOTECHNICAL COMMENTS AND RECOMMENDATIONS

4.1 DESIGN CONSIDERATIONS

It is understood that the development is expected to consist of a mixture of mid to high-rise residential buildings, with commercial and amenity space on the ground floor, and mid-rise office buildings, as discussed in **Section 1.3**. It is anticipated that s be required as part of the site preparation.

Soil and Groundwater

The Site investigation generally revealed organic soil and/or fill soils overlying sandy/silty clay deposited on top of the bedrock. The clay material was absent in some portions of the Site. Based on observations within the monitoring wells installed on Site, groundwater is anticipated to be approximately 3.4 to 7.5 m below the existing ground level.

Foundations

The use of shallow foundations (strip and pad footings, mat foundations) may be considered at the Site, provided the existing fill material is removed and replaced with a properly constructed engineered fill required to achieve the required grades. To counteract lateral loads and uplift forces with shallow foundations and potentially high buildings, consideration should be given to the use of micropiles and/or ground anchors. Alternatively, a deep pile foundation socketed into the bedrock may be feasible depending on the cost to drill through the bedrock in order to install concrete cast-in-place piles. Driven piles will likely not be a feasible option due to lack of penetration into the competent bedrock.

A deep pile foundation may be considered for Site to provide lateral stability and uplift resistance for the mid- and high-rise structures planned for Site. Constructing a deep pile foundation through competent bedrock will be challenging but the structural engineer may consider the benefits outweigh the costs.

Roadway and Parking Lots

It is understood the development will be complete with associated roadways and parking lots. The pavement subgrade is assumed to be silty/sandy clays.

The following sections provide geotechnical recommendations for the design and construction of the proposed development.



4.2 SITE PREPARATION

Prior to placing foundations or engineered fill, any existing organics, vegetation, and other deleterious materials should be removed from the construction footprint and Site pavement areas. In addition, any existing fill should be removed prior to foundation preparation. All building foundations are expected to be constructed directly on or within the bedrock underlying the Site. A qualified geotechnical engineer should inspect any soil subgrade, and any loose or soft zones noted during the inspection should be sub-excavated and replaced with engineered fill.

4.2.1 EXCAVATIONS

Based on the reported construction details, it is anticipated that excavation to the top of bedrock (approximately 0.3 to 2.8 m BGL) for building foundations will be required for the proposed development. Where excavation below the existing grade is required, the following recommendations should be considered.

All work associated with design and construction relative to excavations must be carried out in accordance with the Ontario Occupational Health and Safety Act and Regulations. Based on the Geotechnical Assessment, the overburden soil within the Site is generally classified as “Type 3 soil”, as a majority of the Site includes uncontrolled fill. For excavations within “Type 3 soil”, temporary excavation side slopes must be cut back at a maximum inclination of 1H:1V from the base of the excavation or be supported by temporary protective structures. It should be noted that if wet seams or seepage zones are encountered, some sloughing to flatter slopes may be expected. For any temporary excavation cut into sound and stable rock, the rock portion of the excavation does not require cutting back, but the base of the soil overburden should be set back from the top of the rock excavation sufficiently to prevent soil sliding into the excavation cut into the sound and stable rock.

4.2.2 GROUNDWATER CONTROL

If construction occurs in seasonally wet conditions or when frozen soil conditions are present, care will be required to maintain safe excavation side slopes and suitable excavation bases. The contractor should use a reasonable effort to direct surface run-off away from open excavations. It is anticipated that the groundwater table is located 3.4 to 7.5 m BGL, but some localized groundwater may be encountered at the bedrock interface where infiltration through the soil overburden has collected before percolating into the bedrock through discontinuities. Groundwater levels will vary in response to climatic or seasonal conditions and, as such, may differ at the time of construction, with higher levels possible in wet seasons. Conventional groundwater control methods are expected to be suitable for excavations at the Site to address surface water infiltration and minor shallow groundwater seepage for excavations which do not extend below the stabilized groundwater table. Groundwater control measures at the Site should help to maintain stable



excavated slopes, reduce saturated soil conditions to allow for possible reuse of excavated material, and provide a dry and stable base for excavations and construction operations.

Care should be taken to direct surface water away from open excavations. Sediment control measures should be provided at the discharge point of any dewatering system. Caution should also be taken to avoid any adverse impacts to the environment.

4.2.3 FILL MATERIAL, PLACEMENT AND COMPACTION

4.2.4 FILL SELECTION

Excavated materials are not expected to be suitable for use as engineered fill based on the conditions observed in the boreholes. The engineered fill should consist of suitable, compactable, inorganic soils, which are free of topsoil, organics, and miscellaneous debris. Site inspection to verify that the fill material is free of deleterious materials (including frost and frozen soils if work is carried out under cold weather conditions) is recommended.

4.2.5 FILL PLACEMENT AND COMPACTION

Prior to fill placement, the exposed subgrade should be inspected by a geotechnical engineer. Where exposed subgrade soils are approved by the geotechnical engineer, fill placement may proceed. For best compaction results, the fill material should have a moisture content within 3% of optimum as determined by Standard Proctor testing.

Placement of engineered fill should be monitored by a construction inspector or geotechnical engineer to verify that suitable materials are used and to confirm that suitable compaction is achieved. Engineered fill material should be placed in maximum 150 mm thick lifts and uniformly compacted to 100% Standard Proctor Maximum Dry Density (SPMDD).

4.3 FOUNDATION DESIGN

OMI assumes the following foundation design recommendations are based on Limit States Design (LSD) under the 2010 National Building Code of Canada (NBCC). Therefore, the following definitions have been adopted and are consistent with the Canadian Foundation Engineering Manual (2006) and the NBCC.

LSD refers to the structural engineering design method. A “limit state” is the condition of a structure beyond which it no longer fulfills the relevant design criteria. The condition may refer to a degree of loading or other movements on the structure. In contrast, the criteria refers to structural integrity, fitness for use, durability or other design requirements. A structure designed by LSD is proportioned



to sustain all actions likely to occur during its design life and to remain fit for use, with an appropriate level of reliability for each limit state. LSD requires the structure to satisfy two principal criteria: the ultimate limit state (ULS) and the serviceability limit state (SLS).

The ULS concerning soils and foundations is reached when the ultimate load-carrying capacity of the soil is exceeded (due to compression, uplift, sliding, or overturning), when soil deformation causes a ULS in the structure without soil failure or when overall stability is lost. A structure is deemed to satisfy the ULS criteria if all factored loads ($\Sigma\alpha\cdot P$) are less than the factored resistances ($\Sigma\phi\cdot R$).

To satisfy the SLS criteria, a structure must remain functional for its intended use. A structure is deemed to satisfy the SLS when the elements do not deflect by more than the limits provided in the NBCC or when other restrictions, such as vibrations, must be considered.

4.3.1 SHALLOW FOUNDATIONS - FOOTINGS

Based on the borehole logs, it is anticipated that there may be some areas of soft native soils. The depth of excavation below footings should extend through the fill and these soft native soils to construct on engineered fill mat over stiff subgrade soils or bedrock. Any exposed subgrade soil should be checked for stability prior to the placement of engineered fill material. The initial lift placed on silty sand or fine-grained soils should be a minimum of 600 mm thick granular material, placed uniformly throughout, and static rolled to minimize disturbance to potentially sensitive subgrade soils.

4.3.1.1 FROST CONSIDERATIONS

It is general good practice to place footings exposed to seasonal freezing conditions below the local frost depth. Frost depth in the Ottawa Valley is generally accepted to be approximately 1 to 1.5 m which would result in a significant amount of excavation, concrete, and backfill requirements if the project design is changed from including subgrade levels to an on-grade design. As an alternative to excavating below the frost line, frost-protected footings can be considered. Frost-protected shallow foundations consist of a monolithic concrete slab wrapped with vertical and horizontal rigid-foam insulation to protect the footing from frost action. It is recommended that frost-protected footings should be protected from frost action by at least 1.2 m of soil cover in addition to insulation equivalent to an additional 1.0 m of soil cover. Building foundations are not expected to encounter the shallow groundwater.



4.3.1.2 FOOTING CAPACITY

For design of footings on the natural subgrade soils or approved engineered fill 1.2 m below surrounding ground level, an allowable bearing pressure of 75 kPa can be used for the design of the footings set on the approved engineered fill or inspected natural subgrade soil. The bearing pressure was estimated assuming a maximum spread footing of 1.2 m and a maximum strip footing dimension of 1.2 m.

Where footings are placed within the frost depth (1.5 m bgl), footings should be protected against frost action with a rigid polystyrene insulation. For calculations purposes, 25 mm thickness of rigid polystyrene is considered similar to 25 mm of soil cover. The insulation should extend a minimum 1.8 m beyond the extent of the foundation with a minimum of 300 mm of soil cover, sloped away from the structure.

For design of footings on cleaned and scaled bedrock 1.2 m below surrounding ground level, an allowable bearing pressure of 500 kPa can be used for the design of the footings set on the cleaned and scaled bedrock.

Site review to confirm the condition of the subgrade soils at the footing base level should be undertaken by a geotechnical engineer at the time of excavation.

Provided that the stability of the soils exposed at the foundation level is not compromised because of construction activity, precipitation, cold weather conditions, etc., and the design bearing pressures are not exceeded, the total settlement of footings is expected to be less than 25 mm and the differential settlements of footings are expected to be less than 19 mm.

Recommended bearing capacities have been identified based on the construction of an engineered fill pad comprised of well graded sand or approved alternative soils. If alternative materials are used to construct the engineered fill pad or if full-time inspection and testing is not carried out and/or a geotechnical engineer is unable to provide certification of the engineered fill pad, additional site review and intrusive testing may be required to verify soil bearing capacity.

4.3.1.3 HORIZONTAL EARTH PRESSURES

To prevent build-up of pressure adjacent to the foundation walls, they should be designed to resist a horizontal earth pressure at any depth below the surface as given by the following expression:

$$P = 0.4 \times 19.5 \times (h + q)$$

Where, P = lateral earth pressure in kPa acting at depth h ;

h = depth of point of interest in metres;



q = equivalent value of any surcharge load on the ground surface in kPa.

Around the perimeter of the building, the ground surface should be sloped on a positive grade away from the structure to promote surface water run-off and reduce groundwater infiltration adjacent to foundations.

4.3.2 DEEP FOUNDATION - CAST-IN-PLACE CONCRETE PILES

4.3.2.1 ULTIMATE LIMIT STATE

End-bearing piles should be based within undisturbed, hard dolomitic sandstone (bedrock) deposits at sufficient depth below the base of the building to provide sufficient lateral stability and uplift resistance. Variability of subsurface conditions may require variation in individual pile depth to have the base founded on competent undisturbed bedrock material. A factored ULS end bearing resistance of 500 kPa may be used for design of the piles. Geotechnical resistance factors, Φ , of 0.4 and 0.3 (As per Table 8.1 Canadian Foundation Engineering Manual, 4th Edition) should be applied to the unfactored ultimate skin friction values to obtain factored values for compression and uplift, respectively.

The weight of the buried portion of the pile may be neglected. The contribution of skin friction should be ignored. Piles should be of adequate structural design and reinforcement. The pile base should have a minimum cover of 2.5 times the base diameter.

4.3.2.2 SERVICEABILITY LIMIT STATE

No reduction of the factored ultimate resistance is recommended for the SLS design values.

4.3.2.3 DESIGN AND CONSTRUCTION

If Cast-in-Place concrete piles are selected, casing may be required at some locations to control seepage and/or sloughing from fractures, if present, within subsurface soils and bedrock. Therefore, the piling contractor should have enough length of casing on Site during pile installation. The piling contractor should be prepared for handling such situation(s), as required. Concrete should be placed immediately after the drilling and cleaning of each pile.

The piles should be reinforced to the length required, as determined by the Structural Engineer.

Inspection by a qualified geotechnical technician or engineer should be performed from the surface to determine each pile base supported within competent material and is reasonably free of loose material and water. Additional cleaning of pile base would be required if adequate cleanliness



cannot be achieved by the piling rig; and/or an alternative foundation system may be required. In this case, it is prudent that the design Structural Engineer is readily available during installation of drilled piles.

4.4 GRADE BEAM AND PILE CAPS

Pile caps and grade beams should be constructed with adequate reinforcement. A void space (minimum of 150 mm) should be constructed below all pile caps and grade beams. The void form material should be a low compressive strength, biodegradable material, or an alternate purpose-manufactured void form.

4.5 GRADE SUPPORTED CONCRETE SLABS

Interior grade supported concrete slabs (heated structures) overlying the prepared subgrade soils would be subject to total and differential movement due to variations in the natural moisture content. The magnitude of movement cannot be reliably predicted because of the many unknown variables, although slab heave movements in excess of 25 mm are considered possible. The movement also tends to be non-uniform, which can cause cracking. Therefore, sensitive interior concrete slabs should be structurally supported with void space below. Exterior concrete slabs and similar grade-supported structures can also be expected to experience significant movement, either due to changes in the natural moisture content or by frost action. Sensitive exterior concrete slabs should be structurally supported with void space below, similar to the building floor slabs. Perimeter grade beams should also include a void form to prevent frost loads on the grade beam.

4.6 FOUNDATION CONCRETE RECOMMENDATIONS

It is recommended that the use of sulphate resistant Portland cement in concrete be specified for concrete in contact with soil at this Site.

4.7 PAVEMENT SUBGRADE PREPARATION

Existing uncontrolled fill soils are considered unsuitable for the support of conventional pavement section, and therefore, such materials should be removed from proposed paved areas.

The following guidelines are recommended for pavement subgrade preparation:

- Remove all topsoil and organic soils;
- Scarify the top 300 mm of subgrade and recompact uniformly to a minimum of 98% SPMDD;



- Proof-roll the exposed subgrade with heavy compaction equipment or loaded single axle gravel trucks;
- Soft or questionable areas should be sub-excavated and replaced with suitable engineered fill;
- Subgrade fill required for grading purposes or to replace unsuitable material sub-excavated should be granular material or inorganic low plastic fine soil
- Notwithstanding the above, uniformly compact the upper 300 mm minimum of the subgrade in areas to be subjected to vehicular traffic to a minimum of 100% SPMDD.
- A non-woven geotextile placed between the prepared subgrade surface and subbase is recommended for all roadways and parking areas. The geotextile should consist of Layfield LP12, or an equivalent approved beforehand by the geotechnical engineer.

Pavement design and materials should conform to the respective sections of the Ontario Provincial Standards and Specifications.

4.8 SEISMIC CLASSIFICATION

No geophysical seismic testing was carried out on Site as part of the site investigation component of this geotechnical assessment. Based on ground profile descriptors in Table 4.1.8.4.A of the Ontario Building Code (2017), field descriptions of the rock mass properties, and average shear wave velocities for dolomite and quartz arenite available in literature, the Site would be classified as a Site Class B.

4.9 QUALITY ASSURANCE AND CONTROL

The recommendations provided in this report are based on the assumption that an adequate level of quality assurance and control will be provided during construction. An effective Inspection and Testing Program is an essential part of site preparation and foundations and typically include the following items:

- Subgrade examination prior to engineered fill placement;
- Inspection and materials testing during engineered fill placement (full-time monitoring is recommended) including soil sampling, laboratory testing, and compaction testing;
- Footing base confirmations for any foundations constructed on engineered fill;
- Pile monitoring for any deep pile foundations; and,
- Concrete sampling and testing for building footings, foundations, and floor slabs.



All components of the Inspection and Testing Program should be completed by a geotechnical engineer or trained personnel operating under the direct supervision of a geotechnical engineer.



5 LIMITATIONS

The geotechnical commentary and recommendations provided in this report are applicable to the project described in the text. Omni-McCann can provide a review of design drawings and specifications to ensure that the geotechnical comments and recommendations provided in this report have been accurately and appropriately interpreted.

The geotechnical investigation on which this report is based involved a limited sampling of the subsurface conditions at discrete locations. The conclusions and recommendations presented in this report reflect site conditions existing at the time of the investigation and a review of available information which has been presented in the report. Should subsurface conditions be encountered which vary materially from those presented herein, it is recommended that Omni-McCann be consulted to review the additional information and verify if any changes to the geotechnical recommendations are required.

This report is provided on the assumption that the design will follow applicable codes and standards. The site investigation and recommendations provided in this report follow generally accepted practices for geotechnical consultants in Ontario. Laboratory testing, where applicable, follows ASTM International (ASTM) or Canadian Standards Association (CSA) Standards.

The commentary given in this report are intended for the sole benefit of and to provide guidance for March and Main Developments Inc. The provided commentary reflects Omni-McCann's judgment considering the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Omni-McCann accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. No portion of this report may be used as a separate entity. It is intended to be read in its entirety.

Respectfully Submitted

Respectfully Submitted,
Omni-McCann Inc.

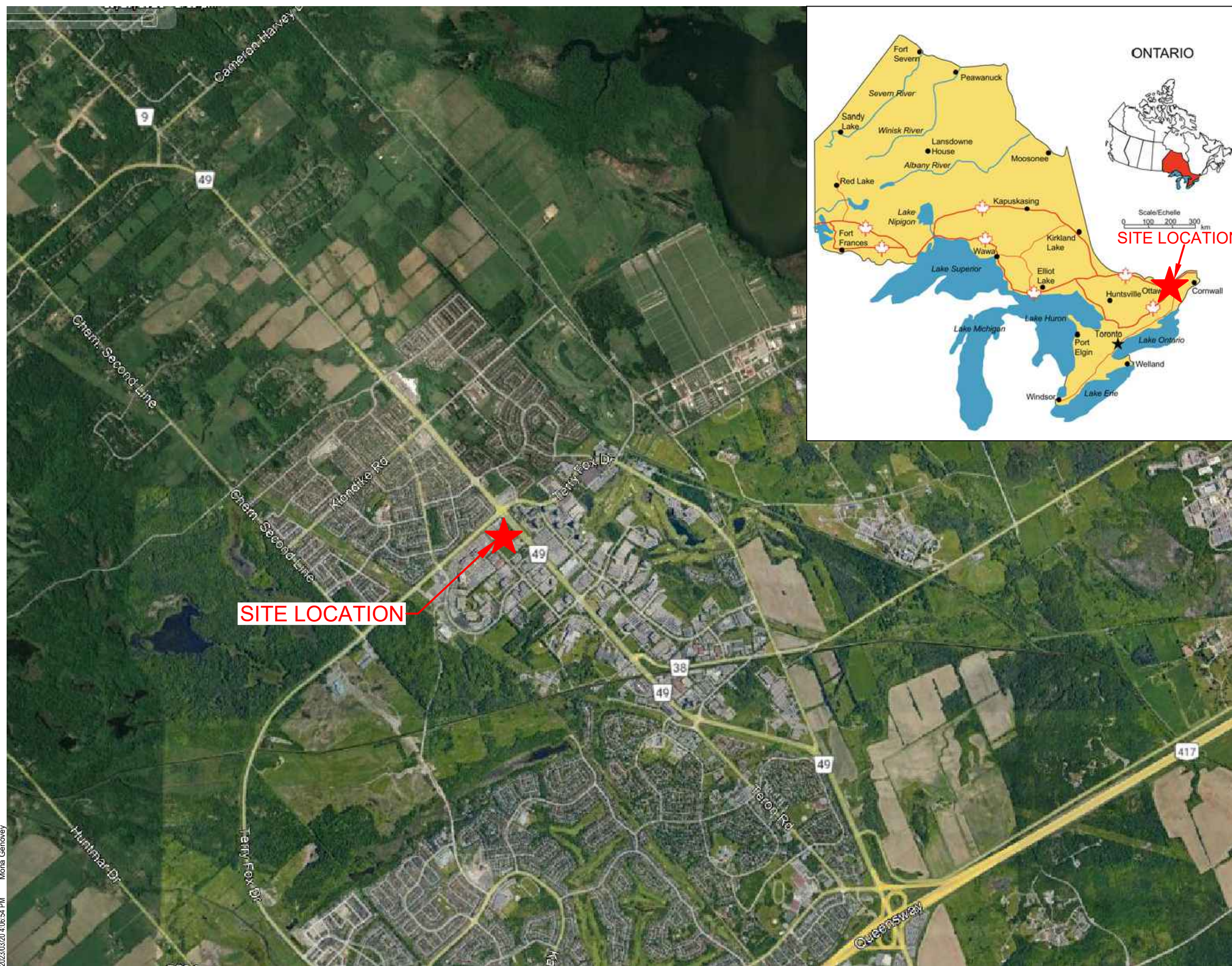
Davan Russell, P.Eng.
Senior Geoenvironmental Engineer



APPENDIX A

Figures

C:\Users\Mona.Genovoy\Omni-McCann\Geospatial\Omni-McCann - Main & Main Developments\01 - March Road, Ottawa\03 - O.Reg 163 Phase Two\ESADrawings\Geotechnical Assessment\0006-0103-GEO ASSESS-FG 1.dwg
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MARCH AND MAIN DEVELOPMENTS INC.
PROJECT NO. 0006-0103
555, 591, 595 AND 603 MARCH ROAD, KANATA, ONT.
GEOTECHNICAL ASSESSMENT

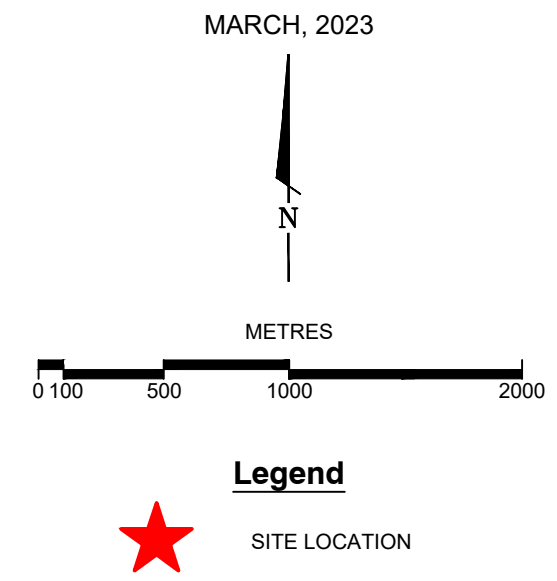


FIGURE 1
SITE LOCATION

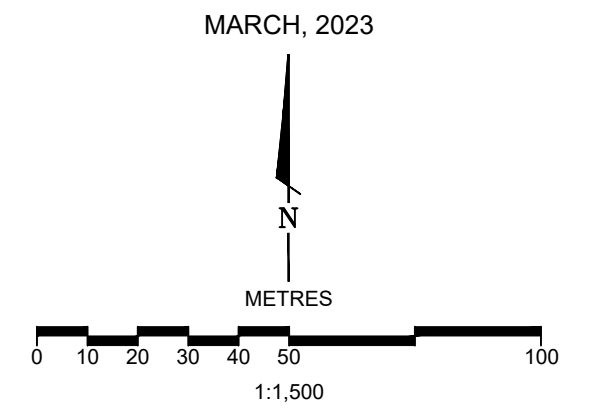


IMAGERY SOURCE AND DATE: GOOGLE EARTH 6/9/2018

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MARCH AND MAIN DEVELOPMENTS INC.
PROJECT NO. 0006-0103
555, 591, 595 AND 603 MARCH ROAD, KANATA, ONT.
GEOTECHNICAL ASSESSMENT



- Legend**
- SITE BOUNDARY
 - BH22-19 BOREHOLE LOCATION
 - MW21-16 MONITORING WELL LOCATION

FIGURE 2
SITE PLAN



IMAGERY SOURCE AND DATE: GOOGLE EARTH 6/9/2018

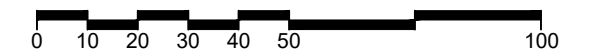
C:\Users\MonaGenovey\Omni-McCann\Geosciences\Omni-McCann - Main & Main Developments\01 - March Road, Ottawa\03 - O.Reg. 153 Phase Two\ESA Drawings\Geotechnical Assessment\0006-0103-GEO ASSESS-FIG 3-GW-SHALLOW.DWG
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Mona Genovey



MARCH, 2023



METRES



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Legend







-  PHASE TWO SITE BOUNDARY
-  BH22-19 BOREHOLE LOCATION
-  MW21-16 MONITORING WELL LOCATION
-  MW21-16 MONITORING WELL LOCATION AND GROUNDWATER ELEVATION 78.379
-  94.0 INFERRED GROUNDWATER ELEVATION CONTOUR
-  INFERRED GROUNDWATER FLOW DIRECTION

FIGURE 3
GROUNDWATER FLOW SHALLOW





APPENDIX B

Borehole Logs



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01A**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.0 - 0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.	0-2		1								Flushmount, jplug, cement
0.2 - 0.4			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, brown, dry.			2	50	VOCs	0.0					
0.4 - 0.6														
0.6 - 0.8														
0.8 - 1.0				2-3		9	80							
1.0 - 1.2														
1.2 - 1.4														
1.4 - 1.6														
1.6 - 1.8														
1.8 - 2.0														
2.0 - 2.2	81.29													
2.2 - 2.4														
2.4 - 2.6														
2.6 - 2.8														
2.8 - 3.0														
3.0 - 3.2	80.29													
3.2 - 3.4														
3.4 - 3.6														
3.6 - 3.8														
3.8 - 4.0														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 17
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023251.39 N
 349824.25 E
 Groundsurface Elevation: 83.29 m
 Top of Casing Elevation: 82.24 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01A**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	78.29													
5.2														
5.4														
5.6														
5.8														
6.0	77.29													
6.2														
6.4														
6.6														
6.8														
7.0	76.29													
7.2														
7.4														
7.6			End of well at 7.60 m, due to achievement of target depth.											

▼ GW = 5.962 mbg
 50 mm 010 slot PVC pipe

Well Completion Details:
 Screened interval from 4.60 m to 7.60 m below surface
 Elevation at top of pipe (TOP) = 82.240 m

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 17
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023251.39 N
 349824.25 E
 Groundsurface Elevation: 83.29 m
 Top of Casing Elevation: 82.24 m

Notes:
 ☒ SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01A**
 Relative Location: **603 W bay door**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			Groundwater Information: Depth to groundwater from TOP = 4.912 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 17
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023251.39 N
 349824.25 E
 Groundsurface Elevation: 83.29 m
 Top of Casing Elevation: 82.24 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01B**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.												Flushmount, jplug, cement
0.4			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, brown, dry.												
1.0	-82.34		Bedrock Interbedded dolostone and sandstone												
2.0	-81.34														
3.0	-80.34														
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.6 N
 349824.77 E
 Groundsurface Elevation: 83.34 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01B**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	78.34															
5.2																
5.4																
5.6																
5.8																
6.0	77.34															
6.2																
6.4																
6.6																
6.8																
7.0	76.34															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

▼ GW = 6.361 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.6 N
 349824.77 E
 Groundsurface Elevation: 83.34 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01B**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	74.34														
9.2															
9.4															
9.6															
9.8															
10.0	73.34														
10.2															
10.4															
10.6															
10.8															
11.0	72.34														
11.2															
11.4															
11.6															
11.8															

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.6 N
 349824.77 E
 Groundsurface Elevation: 83.34 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-01B**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
12.2			<p>End of well at 12.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.20 m to 12.20 m below surface Elevation at top of pipe (TOP) = 83.280 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.301 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.6 N
 349824.77 E
 Groundsurface Elevation: 83.34 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-01C**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0		Asphalt													
0.2		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, brown, moist.	0.25-2		7 10 10 21	100	PHC BTEX PAH Metals		2.0					
0.4															
0.6															
0.8				2.5-3		50+	100	VOCs		3.2					
1.0	82.26	Bedrock	Interbedded dolostone and sandstone												
1.2															
1.4															
1.6															
1.8															
2.0	81.26														
2.2															
2.4															
2.6															
2.8															
3.0	80.26														
3.2															
3.4															
3.6															
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023250.7 N
 349823.7 E
 Groundsurface Elevation: 83.26 m
 Top of Casing Elevation: 83.1 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-01C**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	78.26													
5.2														
5.4														
5.6														
5.8														
6.0	77.26													
6.2														
6.4														
6.6														
6.8														
7.0	76.26													
7.2														
7.4														
7.6														
7.8														

▼ GW = 6.361 mbg

Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023250.7 N
 349823.7 E
 Groundsurface Elevation: 83.26 m
 Top of Casing Elevation: 83.1 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-01C**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2		[Patterned Soil Type]												
8.4														
8.6														
8.8														
9.0	74.26													
9.2														
9.4														
9.6														
9.8														
10.0	73.26													
10.2														
10.4														
10.6														
10.8														
11.0	72.26													
11.2														
11.4														
11.6														
11.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023250.7 N
 349823.7 E
 Groundsurface Elevation: 83.26 m
 Top of Casing Elevation: 83.1 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-01C**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2		[Patterned Soil Type]												
12.4														
12.6														
12.8														
13.0	70.26													
13.2														
13.4														
13.6														
13.8														
14.0	69.26													
14.2														
14.4														
14.6														
14.8														
15.0	68.26													
15.2														
15.4														
15.6														
15.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023250.7 N
 349823.7 E
 Groundsurface Elevation: 83.26 m
 Top of Casing Elevation: 83.1 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-01C**
 Relative Location: **603 W bay door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
16.2		[Pattern]														
16.4																
16.6																
16.8																
17.0	66.26															
17.2																
17.4																
17.6																
17.8																
18.0	65.26															
18.2																
18.4			End of well at 18.40 m, due to achievement of target depth.													
			Well Completion Details: Screened interval from 15.40 m to 18.40 m below surface Elevation at top of pipe (TOP) = 83.100 m													
			Groundwater Information: Depth to groundwater from TOP = 6.201 m													

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023250.7 N
 349823.7 E
 Groundsurface Elevation: 83.26 m
 Top of Casing Elevation: 83.1 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-02A**
 Relative Location: **603 S accessible door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	78.04															
5.2																
5.4																
5.6																
5.8																
6.0	77.04															
6.2																
6.4																
6.6																
6.8																
7.0	76.04															
7.2																
			End of well at 7.30 m, due to achievement of target depth.													
			Well Completion Details: Screened interval from 4.30 m to 7.30 m below surface Elevation at top of pipe (TOP) = 82.900 m													
			Groundwater Information: Depth to groundwater from TOP = 4.667 m													

GW = 4.807 mbg

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 17
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023251.01 N
 349860.28 E
 Groundsurface Elevation: 83.04 m
 Top of Casing Elevation: 82.9 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-02B**
 Relative Location: **603 S accessible door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.												Flushmount, jplug, cement
0.4															
0.6			Bedrock Interbedded dolostone and sandstone												
0.8															
1.0	82.02														
1.2															
1.4															
1.6															
1.8															
2.0	81.02														
2.2															
2.4															
2.6															
2.8															
3.0	80.02														
3.2															
3.4															
3.6															
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.58 N
 349860.11 E
 Groundsurface Elevation: 83.02 m
 Top of Casing Elevation: 82.83 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-02B**
 Relative Location: **603 S accessible door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	78.02															
5.2																
5.4																
5.6																
5.8																
6.0	77.02															
6.2																
6.4																
6.6																
6.8																
7.0	76.02															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

▼ GW = 6.396 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.58 N
 349860.11 E
 Groundsurface Elevation: 83.02 m
 Top of Casing Elevation: 82.83 m

Notes:

Page 2 of 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-02B**
 Relative Location: **603 S accessible door**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	74.02														
9.2															
9.4															
9.6															
9.8															
10.0	73.02														
10.2															
10.4															
10.6															
10.8															
11.0	72.02														
11.2															
11.4															
11.6															
11.8															

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.58 N
 349860.11 E
 Groundsurface Elevation: 83.02 m
 Top of Casing Elevation: 82.83 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-02B**
 Relative Location: **603 S accessible door**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
12.2			<p>End of well at 12.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.20 m to 12.20 m below surface Elevation at top of pipe (TOP) = 82.830 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.206 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023250.58 N
 349860.11 E
 Groundsurface Elevation: 83.02 m
 Top of Casing Elevation: 82.83 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-03A**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.0 - 0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.	0-2.5		1	30	VOCs	0.0					Flushmount, jplug, cement
0.2 - 0.4			Gravel Fill Sandy gravel, some clay, very dense, grey-brown, wet.											
0.4 - 0.8														
0.8 - 1.0	81.45		Bedrock Interbedded dolostone and sandstone											
1.0 - 2.0	80.45													
2.0 - 2.2														Bentonite seal
2.2 - 3.0														
3.0 - 3.2	79.45													
3.2 - 3.4														
3.4 - 3.6														
3.6 - 3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 18
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023240.08 N
 349888.75 E
 Groundsurface Elevation: 82.45 m
 Top of Casing Elevation: 82.36 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-03A**
 Relative Location: **603 PL S of building**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			Groundwater Information: Depth to groundwater from TOP = 4.092 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 18
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023240.08 N
 349888.75 E
 Groundsurface Elevation: 82.45 m
 Top of Casing Elevation: 82.36 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-03B**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.												Flushmount, jplug, cement
0.4			Gravel Fill Sandy gravel, some clay, very dense, grey-brown, wet.												
1.0	81.40		Bedrock Interbedded dolostone and sandstone												
2.0	80.40														
3.0	79.40														
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.46 N
 349888.36 E
 Groundsurface Elevation: 82.40 m
 Top of Casing Elevation: 82.34 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-03B**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2																
4.4																
4.6																
4.8																
5.0	77.40															
5.2																
5.4																
5.6																
5.8																
6.0	76.40															
6.2																
6.4																
6.6																
6.8																
7.0	75.40															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

▼ GW = 5.704 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.46 N
 349888.36 E
 Groundsurface Elevation: 82.40 m
 Top of Casing Elevation: 82.34 m

Notes:

Page 2 of 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-03B**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	73.40														
9.2															
9.4															
9.6															
9.8															
10.0	72.40														
10.2															
10.4															
10.6															
10.8															
11.0	71.40														
11.2															
11.4															
11.6															
11.8															

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.46 N
 349888.36 E
 Groundsurface Elevation: 82.40 m
 Top of Casing Elevation: 82.34 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-03B**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
12.2			<p>End of well at 12.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.20 m to 12.20 m below surface Elevation at top of pipe (TOP) = 82.340 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.644 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.46 N
 349888.36 E
 Groundsurface Elevation: 82.40 m
 Top of Casing Elevation: 82.34 m

Notes:

Page 4 of 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-03C**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0 - 0.2			Topsoil Sandy silt, soft, organics, brown, moist.	0-1		1	50	PHC PAH BTEX Metals	1.4					
0.2 - 0.4			Sand and Gravel Fill Sand and gravel, some clay, loose, black, moist.			3 3 7								
0.4 - 0.8			Clay Some sand, soft, high plasticity, brown, moist.	2.5-2.75		50+	100	VOCs	1.4					
0.8 - 1.0	81.44													
1.0 - 2.0	80.44		Bedrock Interbedded dolostone and sandstone											
2.0 - 3.0	79.44													
3.0 - 3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023241.45 N
 349889.98 E
 Groundsurface Elevation: 82.44 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-03C**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
4.2															
4.4															
4.6															
4.8															
5.0	77.44														
5.2															
5.4															
5.6															
5.8															
6.0	76.44														
6.2															
6.4															
6.6															
6.8															
7.0	75.44														
7.2															
7.4															
7.6															
7.8															

▼ GW = 5.522 mbg

Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023241.45 N
 349889.98 E
 Groundsurface Elevation: 82.44 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-03C**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2		[Patterned Soil Type]												
8.4														
8.6														
8.8														
9.0	73.44													
9.2														
9.4														
9.6														
9.8														
10.0	72.44													
10.2														
10.4														
10.6														
10.8														
11.0	71.44													
11.2														
11.4														
11.6														
11.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023241.45 N
 349889.98 E
 Groundsurface Elevation: 82.44 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-03C**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2		[Dotted pattern]												
12.4														
12.6														
12.8														
13.0	69.44													
13.2														
13.4														
13.6														
13.8														
14.0	68.44													
14.2														
14.4														
14.6														
14.8														
15.0	67.44													
15.2														
15.4														
15.6														
15.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023241.45 N
 349889.98 E
 Groundsurface Elevation: 82.44 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-03C**
 Relative Location: **603 PL S of building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
16.2		[Dotted pattern]														
16.4																
16.6																
16.8																
17.0	65.44															
17.2																
17.4																
17.6																
17.8																
18.0	64.44															
18.2																
			End of well at 18.30 m, due to achievement of target depth.													
			Well Completion Details: Screened interval from 15.30 m to 18.30 m below surface Elevation at top of pipe (TOP) = 82.370 m													
			Groundwater Information: Depth to groundwater from TOP = 5.452 m													

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023241.45 N
 349889.98 E
 Groundsurface Elevation: 82.44 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04A**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.											
0.4			Silt Sandy silt, trace gravel, firm, light brown, moist.	0-2		1 1 2 3	90		0.0					
0.6			Clay Silty clay, some sand, trace gravel, medium plastic, firm to hard, grey-brown, moist.											
1.0	81.84			2-4		2 2 6 11	100	VOCs	0.0					
1.2			Bedrock Interbedded dolostone and sandstone				50+							
2.0	80.84													
3.0	79.84													
3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 18
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023263.55 N
 349917.75 E
 Groundsurface Elevation: 82.84 m
 Top of Casing Elevation: 82.71 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04A**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	77.84															
5.2																
5.4																
5.6																
5.8																
6.0	76.84															
6.2																
6.4																
6.6																
6.8																
7.0	75.84															
7.2																
7.4																
7.6																
7.8																

GW = 6.481 mbg
 Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 18
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023263.55 N
 349917.75 E
 Groundsurface Elevation: 82.84 m
 Top of Casing Elevation: 82.71 m

Notes:
 [Symbol] SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04A**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2		•••••										▤▤▤▤▤		
8.4		•••••										▤▤▤▤▤		
8.6		•••••										▤▤▤▤▤		
8.8		•••••										▤▤▤▤▤		
9.0	73.84	•••••	End of well at 9.00 m, due to achievement of target depth. Well Completion Details: Screened interval from 6.00 m to 9.00 m below surface Elevation at top of pipe (TOP) = 82.710 m Groundwater Information: Depth to groundwater from TOP = 6.351 m									▤▤▤▤▤		

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 18
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023263.55 N
 349917.75 E
 Groundsurface Elevation: 82.84 m
 Top of Casing Elevation: 82.71 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04B**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.											Flushmount, jplug, cement
0.4			Silt Sandy silt, trace gravel, firm, light brown, moist.											
0.6			Clay Silty clay, some sand, trace gravel, medium plastic, firm to hard, grey-brown, moist.											
1.0	81.82		Bedrock Interbedded dolostone and sandstone											
2.0	80.82													
3.0	79.82													
3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023261.93 N
 349917.5 E
 Groundsurface Elevation: 82.82 m
 Top of Casing Elevation: 82.66 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04B**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2																
4.4																
4.6																
4.8																
5.0	77.82															
5.2																
5.4																
5.6																
5.8																
6.0	76.82															
6.2																
6.4																
6.6																
6.8																
7.0	75.82															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

▼ GW = 6.506 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023261.93 N
 349917.5 E
 Groundsurface Elevation: 82.82 m
 Top of Casing Elevation: 82.66 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04B**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	73.82														
9.2															
9.4															
9.6															
9.8															
10.0	72.82														
10.2															
10.4															
10.6															
10.8															
11.0	71.82														
11.2															
11.4															
11.6															
11.8															

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023261.93 N
 349917.5 E
 Groundsurface Elevation: 82.82 m
 Top of Casing Elevation: 82.66 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-04B**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2		•••••												
12.4		•••••												
12.6		•••••												
12.8		•••••	End of well at 12.80 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 9.80 m to 12.80 m below surface Elevation at top of pipe (TOP) = 82.660 m											
			Groundwater Information: Depth to groundwater from TOP = 6.346 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023261.93 N
 349917.5 E
 Groundsurface Elevation: 82.82 m
 Top of Casing Elevation: 82.66 m

Notes:

Page 4 of 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-04C**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.0 - 0.2			Topsoil Sandy silt, organics, firm, non-plastic, brown, moist.	0-1.5		2	75		0.0					
			Sand and Silt Sand and silt, some gravel, compact, firm, brown, moist.			3								
0.2 - 0.8				2.5-4.25		11	83		0.0					
			Clay Sandy clay, some gravel, firm, low-plastic, brown and gray, dry.			15								
0.8 - 1.4				2.5-4.25		50+								
			Bedrock Interbedded dolostone and sandstone											
1.4 - 2.0	81.86													
2.0 - 3.0	80.86													
3.0 - 3.8	79.86													

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 28
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023261.98 N
 349918.39 E
 Groundsurface Elevation: 82.86 m
 Top of Casing Elevation: 82.68 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-04C**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	77.86													
5.2														
5.4														
5.6														
5.8														
6.0	76.86													
6.2														
6.4														
6.6														
6.8														
7.0	75.86													
7.2														
7.4														
7.6														
7.8														

▼ GW = 6.127 mbg

Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 28
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023261.98 N
 349918.39 E
 Groundsurface Elevation: 82.86 m
 Top of Casing Elevation: 82.68 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-04C**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2		[Patterned Soil Type]												
8.4														
8.6														
8.8														
9.0	73.86													
9.2														
9.4														
9.6														
9.8														
10.0	72.86													
10.2														
10.4														
10.6														
10.8														
11.0	71.86													
11.2														
11.4														
11.6														
11.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 28
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023261.98 N
 349918.39 E
 Groundsurface Elevation: 82.86 m
 Top of Casing Elevation: 82.68 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-04C**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2		[Dotted pattern]												
12.4														
12.6														
12.8														
13.0	69.86													
13.2														
13.4														
13.6														
13.8														
14.0	68.86													
14.2														
14.4														
14.6														
14.8														
15.0	67.86													
15.2														
15.4														
15.6														
15.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 28
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023261.98 N
 349918.39 E
 Groundsurface Elevation: 82.86 m
 Top of Casing Elevation: 82.68 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-04C**
 Relative Location: **SE corner of 603 property**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
16.2														
16.4														
16.6														
16.8														
17.0	65.86													
17.2														
17.4														
17.6														
17.8														
18.0	64.86													
18.2														
			End of well at 18.30 m, due to achievement of target depth.											
			<p>Well Completion Details: Screened interval from 15.30 m to 18.30 m below surface Elevation at top of pipe (TOP) = 82.680 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.947 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 28
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023261.98 N
 349918.39 E
 Groundsurface Elevation: 82.86 m
 Top of Casing Elevation: 82.68 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05A**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.	0.0.5		1	0							
0.4			Bedrock Interbedded dolostone and sandstone											
1.0	82.72													
2.0	81.72													
3.0	80.72													
3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 19
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023317.83 N
 349895.67 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.62 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05A**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	78.72													
5.2														
5.4														
5.6														
5.8														
6.0	77.72													
6.2														
6.4														
6.6														
6.8														
7.0	76.72													
7.2														
7.4														
7.6														
7.8														

Silica sand
 50 mm 010 slot PVC pipe
 GW = 6.699 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 19
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023317.83 N
 349895.67 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.62 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05A**
 Relative Location: **603 Lawn near March**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
			<p>End of well at 8.10 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.10 m to 8.10 m below surface Elevation at top of pipe (TOP) = 83.620 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.599 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 19
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023317.83 N
 349895.67 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.62 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05B**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.												Flushmount, jplug, cement
0.4			Bedrock Interbedded dolostone and sandstone												
1.0	-82.72														
2.0	-81.72														
3.0	-80.72														
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023318.34 N
 349895 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.61 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05B**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	78.72															
5.2																
5.4																
5.6																
5.8																
6.0	77.72															
6.2																
6.4																
6.6																
6.8																
7.0	76.72															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

▼ GW = 7.808 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023318.34 N
 349895 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.61 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05B**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
8.2		[Dotted pattern]														
8.4																
8.6																
8.8																
9.0	74.72															
9.2																
9.4																
9.6																
9.8																
10.0	73.72															
10.2																
10.4																
10.6																
10.8																
11.0	72.72															
11.2																
11.4																
11.6																
11.8																

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023318.34 N
 349895 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.61 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-05B**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
12.2														
12.4			<p>End of well at 12.50 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.20 m to 12.20 m below surface Elevation at top of pipe (TOP) = 83.610 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 7.698 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023318.34 N
 349895 E
 Groundsurface Elevation: 83.72 m
 Top of Casing Elevation: 83.61 m

Notes:

Page 4 of 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-05C**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.2			Topsoil Sandy silt, organics, loose, dark brown, moist.	0-1					0.2					Flushmount, jplug, cement
0.4			Bedrock Interbedded dolostone and sandstone											
1.0	-82.63													
2.0	-81.63													
3.0	-80.63													

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023319.43 N
 349895.21 E
 Groundsurface Elevation: 83.63 m
 Top of Casing Elevation: 83.52 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-05C**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
4.2															
4.4															
4.6															
4.8															
5.0	78.63														
5.2															
5.4															
5.6															
5.8															
6.0	77.63														
6.2															
6.4															
6.6															
6.8															
7.0	76.63														
7.2															
7.4															
7.6															
7.8															

GW = 7.434 mbg
 Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023319.43 N
 349895.21 E
 Groundsurface Elevation: 83.63 m
 Top of Casing Elevation: 83.52 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-05C**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
8.2		[Patterned Soil Type]												
8.4														
8.6														
8.8														
9.0	74.63													
9.2														
9.4														
9.6														
9.8														
10.0	73.63													
10.2														
10.4														
10.6														
10.8														
11.0	72.63													
11.2														
11.4														
11.6														
11.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023319.43 N
 349895.21 E
 Groundsurface Elevation: 83.63 m
 Top of Casing Elevation: 83.52 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-05C**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2		[Patterned Soil Type]												
12.4														
12.6														
12.8														
13.0	70.63													
13.2														
13.4														
13.6														
13.8														
14.0	69.63													
14.2														
14.4														
14.6														
14.8														
15.0	68.63													
15.2														
15.4														
15.6														
15.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023319.43 N
 349895.21 E
 Groundsurface Elevation: 83.63 m
 Top of Casing Elevation: 83.52 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-05C**
 Relative Location: **603 Lawn near March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
16.2		[Dotted pattern]										[Vertical line with dots]			
16.4															
16.6															
16.8															
17.0	66.63														
17.2															
17.4															
17.6															
17.8															
18.0	65.63														
18.2															
			End of well at 18.30 m, due to achievement of target depth.												
			Well Completion Details: Screened interval from 15.30 m to 18.30 m below surface Elevation at top of pipe (TOP) = 83.520 m												
			Groundwater Information: Depth to groundwater from TOP = 7.324 m												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023319.43 N
 349895.21 E
 Groundsurface Elevation: 83.63 m
 Top of Casing Elevation: 83.52 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-06A**
 Relative Location: **603 Lawn near Terry Fox**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	
								1	10	100			
0.0 - 0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.	0-2	1 3 5 3	60	0.0	0.0					
			Construction debris										
0.2 - 0.4			Sand Sand, some silt and clay, trace gravel, loose, tan, moist.										
0.4 - 0.6			Clay Clay, some sand, firm to hard, high plastic, brown, moist.	2/3	3 3 50+	100	VOCs	0.0					
0.6 - 1.0			Bedrock Interbedded dolostone and sandstone										
1.0 - 2.0	82.04												
2.0 - 3.0	81.04												
3.0 - 3.8	80.04												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 19
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023323.8 N
 349835.36 E
 Groundsurface Elevation: 83.04 m
 Top of Casing Elevation: 82.9 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-06A**
 Relative Location: **603 Lawn near Terry Fox**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.04													
5.2														
5.4														
5.6														
5.8														
6.0	77.04													
6.2														
6.4														
6.6														
6.8														
7.0	76.04													
7.2														
7.4														
7.6														
7.8														

GW = 5.499 mbg

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 19
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023323.8 N
 349835.36 E
 Groundsurface Elevation: 83.04 m
 Top of Casing Elevation: 82.9 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-06A**
 Relative Location: **603 Lawn near Terry Fox**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
			<p>End of well at 8.10 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.10 m to 8.10 m below surface Elevation at top of pipe (TOP) = 82.900 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.359 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 November 19
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023323.8 N
 349835.36 E
 Groundsurface Elevation: 83.04 m
 Top of Casing Elevation: 82.9 m

Notes:
 SPLIT SPOON

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0 - 0.2			Topsoil Silty sand, organics, loose, dark brown, moist.	0-0.75		1 15 4	83	0.1						Flushmount, jplug, cement
0.2 - 0.4			Sand Sand, some gravel, loose, tan/gray, moist.	0.75-1.5			83	0.1						
0.4 - 0.6			Clay Clay, some sand, soft, medium plasticity, dark brown, moist.	1.5-1.75			83	0.1	PHC BTEX PCB					
0.6 - 0.8			Sand Sand, some clay, loose, brown, moist.											
0.8 - 1.0	82.05		Clay Clay, trace sand, firm, low plasticity, brown, moist.	2.5-3.25		4 50+	100	0.2	PHC VOC PCB					
1.0 - 1.2			Bedrock Interbedded dolostone and sandstone											
1.2 - 2.0														
2.0 - 3.0	81.05													
3.0 - 3.8	80.05													

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023324.47 N
 349836.13 E
 Groundsurface Elevation: 83.05 m
 Top of Casing Elevation: 82.97 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-06B**
 Relative Location: **603 Lawn near Terry Fox**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2																
4.4																
4.6																
4.8																
5.0	78.05															
5.2																
5.4																
5.6																
5.8																
6.0	77.05															
6.2																
6.4																
6.6																
6.8																
7.0	76.05															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

▼ GW = 6.704 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023324.47 N
 349836.13 E
 Groundsurface Elevation: 83.05 m
 Top of Casing Elevation: 82.97 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-06B**
 Relative Location: **603 Lawn near Terry Fox**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2		[Dotted pattern]												
8.4														
8.6														
8.8														
9.0	74.05													
9.2														
9.4														
9.6														
9.8														
10.0	73.05													
10.2														
10.4														
10.6														
10.8														
11.0	72.05													
11.2														
11.4														
11.6														
11.8														

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023324.47 N
 349836.13 E
 Groundsurface Elevation: 83.05 m
 Top of Casing Elevation: 82.97 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-06B**
 Relative Location: **603 Lawn near Terry Fox**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2														
12.4														
12.6														
			<p>End of well at 12.70 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.70 m to 12.70 m below surface Elevation at top of pipe (TOP) = 82.970 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.624 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 9
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023324.47 N
 349836.13 E
 Groundsurface Elevation: 83.05 m
 Top of Casing Elevation: 82.97 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-07**
 Relative Location: **603 interior former sump**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Concrete												Flushmount, jplug, cement
0.4			Clear Stone Fill 3/4 in minus crushed and washed gravel.												Vapour Well
1.0	82.16		Bedrock Interbedded dolostone and sandstone												
2.0	81.16														Bentonite seal
3.0	80.16														GW = 3.015 mbg
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Strata - Phil
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.076
 WELL DIAMETER (m): 0.032
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023158.07 N
 349827.95 E
 Groundsurface Elevation: 83.16 m
 Top of Casing Elevation: 84.11 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-07**
 Relative Location: **603 interior former sump**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	78.16													
5.2														
5.4														
5.6														
5.8														
6.0	77.16													
6.2														
6.4														
6.6														
6.8														
7.0	76.16		End of well at 7.00 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 4.00 m to 7.00 m below surface Elevation at top of pipe (TOP) = 84.110 m											
			Groundwater Information: Depth to groundwater from TOP = 3.965 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Strata - Phil
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.076
 WELL DIAMETER (m): 0.032
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023158.07 N
 349827.95 E
 Groundsurface Elevation: 83.16 m
 Top of Casing Elevation: 84.11 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-08**
 Relative Location: **603 interior existing sump**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Concrete												Flushmount, jplug, cement
0.4			Clear Stone Fill 3/4 in minus crushed and washed gravel												Vapour Well
1.0	81.94		Bedrock Interbedded dolostone and sandstone												
2.0	80.94														
2.2															Bentonite seal
3.0	79.94														GW = 3.052 mbg
3.2															
3.4															
3.6															
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Strata - Phil
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.076
 WELL DIAMETER (m): 0.032
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5923261.47 N
 349941.22 E
 Groundsurface Elevation: 82.94 m
 Top of Casing Elevation: 83.89 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-08**
 Relative Location: **603 interior existing sump**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	77.94													
5.2														
5.4														
5.6														
5.8														
6.0	76.94													
6.2														
6.4														
6.6														
6.8														
7.0	75.94													
7.2														
			End of well at 7.30 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 4.30 m to 7.30 m below surface Elevation at top of pipe (TOP) = 83.890 m											
			Groundwater Information: Depth to groundwater from TOP = 4.002 m											

Silica sand
 32 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Strata - Phil
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.076
 WELL DIAMETER (m): 0.032
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5923261.47 N
 349941.22 E
 Groundsurface Elevation: 82.94 m
 Top of Casing Elevation: 83.89 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-13A**
 Relative Location: **W 603 emergency exit**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.												Flushmount, jplug, cement
0.4			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, brown, dry.												
1.0	82.25		Bedrock Interbedded dolostone and sandstone												
2.0	81.25														Bentonite seal
2.2															
2.4															
2.6															
2.8															
3.0	80.25														
3.2															
3.4															
3.6															
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023263.8 N
 349813.24 E
 Groundsurface Elevation: 83.25 m
 Top of Casing Elevation: 83.12 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-13A**
 Relative Location: **W 603 emergency exit**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Dotted pattern]														
4.4																
4.6																
4.8																
5.0	78.25															
5.2																
5.4																
5.6																
5.8																
6.0	77.25															
6.2																
6.4																
6.6																
6.8																
7.0	76.25															
7.2																
7.4																
7.6																
			End of well at 7.60 m, due to achievement of target depth.													
			Well Completion Details: Screened interval from 4.60 m to 7.60 m below surface Elevation at top of pipe (TOP) = 83.120 m													

GW = 5.209 mbg

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023263.8 N
 349813.24 E
 Groundsurface Elevation: 83.25 m
 Top of Casing Elevation: 83.12 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-13A**
 Relative Location: **W 603 emergency exit**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
			Groundwater Information: Depth to groundwater from TOP = 5.079 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 20
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023263.8 N
 349813.24 E
 Groundsurface Elevation: 83.25 m
 Top of Casing Elevation: 83.12 m

Notes:

Page 3 of 3



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-13B**
 Relative Location: **W 603 emergency exit**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0 - 0.2		Asphalt													
0.2 - 0.8		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, brown, dry.	0-2		7 19 18 25	75	PHC VOC PAH Metals	0.8						Flushmount, jplug, cement
0.8 - 1.0		Bedrock	Interbedded dolostone and sandstone			50+									
1.0 - 2.0	-82.28														
2.0 - 3.0	-81.28														
3.0 - 3.8	-80.28														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023262.76 N
 349813.14 E
 Groundsurface Elevation: 83.28 m
 Top of Casing Elevation: 83.16 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-13B**
 Relative Location: **W 603 emergency exit**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.28													
5.2														
5.4														
5.6														
5.8														
6.0	77.28													
6.2														
6.4														
6.6														
6.8														
7.0	76.28													
7.2														
7.4														
7.6														
7.8														

Bentonite seal

▼ GW = 6.385 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023262.76 N
 349813.14 E
 Groundsurface Elevation: 83.28 m
 Top of Casing Elevation: 83.16 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-13B**
 Relative Location: **W 603 emergency exit**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
8.2		[Patterned Soil Type]														
8.4																
8.6																
8.8																
9.0	74.28															
9.2																
9.4																
9.6																
9.8																
10.0	73.28															
10.2																
10.4																
10.6																
10.8																
11.0	72.28															
11.2																
11.4																
11.6																
11.8																

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023262.76 N
 349813.14 E
 Groundsurface Elevation: 83.28 m
 Top of Casing Elevation: 83.16 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-13B**
 Relative Location: **W 603 emergency exit**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
12.2			<p>End of well at 12.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.20 m to 12.20 m below surface Elevation at top of pipe (TOP) = 83.160 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.265 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 10
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023262.76 N
 349813.14 E
 Groundsurface Elevation: 83.28 m
 Top of Casing Elevation: 83.16 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-14A**
 Relative Location: **Center 603 parking**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.0 - 0.2		Asphalt													
0.2 - 0.6		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, brown, dry.												Flushmount, jplug, cement
0.6 - 1.0		Bedrock	Interbedded dolostone and sandstone												
1.0 - 2.0	-82.77														
2.0 - 3.0	-81.77														
3.0 - 3.8	-80.77														Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 23
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.16 N
 349807.37 E
 Groundsurface Elevation: 83.77 m
 Top of Casing Elevation: 83.64 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-14A**
 Relative Location: **Center 603 parking**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.77													
5.2														
5.4														
5.6														
5.8														
6.0	77.77													
6.2														
6.4														
6.6														
6.8														
7.0	76.77													
7.2														
7.4														
7.6														
7.8														

▼ GW = 5.901 mbg

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 23
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.16 N
 349807.37 E
 Groundsurface Elevation: 83.77 m
 Top of Casing Elevation: 83.64 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-14A**
 Relative Location: **Center 603 parking**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2			<p>End of well at 8.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.20 m to 8.20 m below surface Elevation at top of pipe (TOP) = 83.640 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.771 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 23
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.16 N
 349807.37 E
 Groundsurface Elevation: 83.77 m
 Top of Casing Elevation: 83.64 m

Notes:

Page 3 of 3



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-14B**
 Relative Location: **Center 603 parking**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.0 - 0.2		Asphalt												
0.2 - 0.4		Sand and Gravel Fill Sand and gravel, some silt and clay, loose, brown, dry.		0-2	1 3 3 4	100		PHC BTEX PAH Metals	0.9					
0.4 - 1.2		Silt Sandy silt, firm, dark brown, moist.												
1.2 - 2.0	82.84	Bedrock Interbedded dolostone and sandstone		2.5-4	2 2 50+	100		PHC BTEX PAH Metals	0.0					
2.0 - 3.0	81.84													
3.0 - 3.8	80.84													

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023234.36 N
 349806.46 E
 Groundsurface Elevation: 83.84 m
 Top of Casing Elevation: 83.85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-14B**
 Relative Location: **Center 603 parking**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.84													
5.2														
5.4														
5.6														
5.8														
6.0	77.84													
6.2														
6.4														
6.6														
6.8														
7.0	76.84													
7.2														
7.4														
7.6														
7.8														

Bentonite seal

▼ GW = 6.659 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023234.36 N
 349806.46 E
 Groundsurface Elevation: 83.84 m
 Top of Casing Elevation: 83.85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-14B**
 Relative Location: **Center 603 parking**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
8.2		[Patterned Soil Type]														
8.4																
8.6																
8.8																
9.0	74.84															
9.2																
9.4																
9.6																
9.8																
10.0	73.84															
10.2																
10.4																
10.6																
10.8																
11.0	72.84															
11.2																
11.4																
11.6																
11.8																

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023234.36 N
 349806.46 E
 Groundsurface Elevation: 83.84 m
 Top of Casing Elevation: 83.85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-14B**
 Relative Location: **Center 603 parking**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2														
12.4														
12.6														
12.8			End of well at 12.80 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 9.80 m to 12.80 m below surface Elevation at top of pipe (TOP) = 83.850 m											
			Groundwater Information: Depth to groundwater from TOP = 6.669 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023234.36 N
 349806.46 E
 Groundsurface Elevation: 83.84 m
 Top of Casing Elevation: 83.85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-15A**
 Relative Location: **SW 603 building corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.2			Topsoil Silt and sand, some clay, trace gravel, loose, dark brown, moist.												Flushmount, jplug, cement
0.4			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, brown, dry.												
1.0	-82.43														
1.2			Bedrock Interbedded dolostone and sandstone												
2.0	-81.43														
2.6															Bentonite seal
3.0	-80.43														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023236.22 N
 349843.75 E
 Groundsurface Elevation: 83.43 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-15A**
 Relative Location: **SW 603 building corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.43													
5.2														
5.4														
5.6														
5.8														
6.0	77.43													
6.2														
6.4														
6.6														
6.8														
7.0	76.43													
7.2														
7.4														
7.6														
7.8														
			End of well at 7.90 m, due to achievement of target depth.											

GW = 5.161 mbg

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023236.22 N
 349843.75 E
 Groundsurface Elevation: 83.43 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-15A**
 Relative Location: **SW 603 building corner**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			Well Completion Details: Screened interval from 4.90 m to 7.90 m below surface Elevation at top of pipe (TOP) = 83.280 m Groundwater Information: Depth to groundwater from TOP = 5.011 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023236.22 N
 349843.75 E
 Groundsurface Elevation: 83.43 m
 Top of Casing Elevation: 83.28 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-15B**
 Relative Location: **SW 603 building corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0 - 0.2			Topsoil Silt and sand, some clay, trace gravel, loose,	0-1		1								
0.2 - 0.4			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, brown, moist.			2 3 4	50							
0.4 - 0.6			Clay Clay, some sand, firm, low-plastic, tan, moist.											
0.6 - 1.0			No gravel.											
1.0 - 1.2	82.44													
1.2 - 1.4			Bedrock Interbedded dolostone and sandstone	44.25		4 5 4 5	75							
1.4 - 2.0														
2.0 - 2.2	81.44													
2.2 - 2.4														
2.4 - 2.6														
2.6 - 2.8														
2.8 - 3.0														
3.0 - 3.2	80.44													
3.2 - 3.4														
3.4 - 3.6														
3.6 - 3.8														
3.8 - 4.0														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.32 N
 349842.76 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.38 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-15B**
 Relative Location: **SW 603 building corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	78.44															
5.2																
5.4																
5.6																
5.8																
6.0	77.44															
6.2																
6.4																
6.6																
6.8																
7.0	76.44															
7.2																
7.4																
7.6																
7.8																

Bentonite seal

GW = 6.551 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.32 N
 349842.76 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.38 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-15B**
 Relative Location: **SW 603 building corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2		[Pattern]												
8.4														
8.6														
8.8														
9.0	74.44													
9.2														
9.4														
9.6														
9.8														
10.0	73.44													
10.2														
10.4														
10.6														
10.8														
11.0	72.44													
11.2														
11.4														
11.6														
11.8														

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.32 N
 349842.76 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.38 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-15B**
 Relative Location: **SW 603 building corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
12.2														
12.4														
12.6														
12.8			<p>End of well at 12.80 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.80 m to 12.80 m below surface Elevation at top of pipe (TOP) = 83.380 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.491 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023235.32 N
 349842.76 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.38 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-16A**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
		Asphalt													
0.2		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, brown, dry.												Flushmount, jplug, cement
0.4															
0.6															
0.8		Bedrock	Interbedded dolostone and sandstone												
1.0	-81.72														
1.2															
1.4															
1.6															
1.8															
2.0	-80.72														
2.2															
2.4															
2.6															
2.8															
3.0	-79.72														
3.2															
3.4															
3.6															
3.8															

Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 23
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.77 N
 349870.52 E
 Groundsurface Elevation: 82.72 m
 Top of Casing Elevation: 82.61 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-16A**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Patterned Soil Type]														
4.4																
4.6																
4.8																
5.0	77.72															
5.2																
5.4																
5.6																
5.8																
6.0	76.72															
6.2																
6.4																
6.6																
6.8																
7.0	75.72															
7.2																
7.4																
7.6																
			End of well at 7.60 m, due to achievement of target depth.													
			Well Completion Details: Screened interval from 4.60 m to 7.60 m below surface Elevation at top of pipe (TOP) = 82.610 m													

GW = 4.433 mbg

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 23
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.77 N
 349870.52 E
 Groundsurface Elevation: 82.72 m
 Top of Casing Elevation: 82.61 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-16A**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			Groundwater Information: Depth to groundwater from TOP = 4.323 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 23
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.77 N
 349870.52 E
 Groundsurface Elevation: 82.72 m
 Top of Casing Elevation: 82.61 m

Notes:

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CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-16B**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0		Asphalt													
0.2		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, gray, moist.	0-1		6 3 1 2	88	PHC BTEX PAH Metals	0.0						Flushmount, jplug, cement
0.4		Clay	Clay, some sand, high plastic, soft, grayish brown, moist.	1-1.75					0.0						
0.8		Silty sand	Silty sand, some clay, some gravel, loose, tan/beige/black, dry.	2-5.3		50+	100	VOCs	0.0						
1.0	-81.74	Bedrock	Interbedded dolostone and sandstone												
2.0	-80.74														
3.0	-79.74														
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.21 N
 349870.11 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-16B**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION			
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES	
									1	10	100				
4.2		[Patterned Soil Type]													
4.4															Bentonite seal
4.6															
4.8															
5.0	77.74														
5.2															
5.4															
5.6															
5.8															
6.0	76.74														
6.2															
6.4															
6.6															
6.8															
7.0	75.74														
7.2															
7.4															
7.6															
7.8															

▼ GW = 6.094 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.21 N
 349870.11 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-16B**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
8.2		[Patterned Soil Type]														
8.4																
8.6																
8.8																
9.0	73.74															
9.2																
9.4																
9.6																
9.8																
10.0	72.74															
10.2																
10.4																
10.6																
10.8																
11.0	71.74															
11.2																
11.4																
11.6																
11.8																

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.21 N
 349870.11 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-16B**
 Relative Location: **S of MW21-02 30m**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
12.2			<p>End of well at 12.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 9.20 m to 12.20 m below surface Elevation at top of pipe (TOP) = 82.640 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.994 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 25
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023239.21 N
 349870.11 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-17A**
 Relative Location: **603 parking, S of cafeteria**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
0.0 - 0.2		Asphalt													
0.2 - 1.0		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, brown, dry.												Flushmount, jplug, cement
1.0 - 2.0	81.74	Bedrock	Interbedded dolostone and sandstone												
2.0 - 2.2	80.74														
2.2 - 2.4															Bentonite seal
2.4 - 3.0															
3.0 - 3.2	79.74														
3.2 - 3.4															
3.4 - 3.6															
3.6 - 3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023270.22 N
 349884.86 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-17A**
 Relative Location: **603 parking, S of cafeteria**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Dotted pattern]														
4.4																
4.6																
4.8																
5.0	77.74															
5.2																
5.4																
5.6																
5.8																
6.0	76.74															
6.2																
6.4																
6.6																
6.8																
7.0	75.74															
7.2																
7.4																
7.6			End of well at 7.60 m, due to achievement of target depth.													
			Well Completion Details: Screened interval from 4.60 m to 7.60 m below surface Elevation at top of pipe (TOP) = 82.640 m													

GW = 4.972 mbg

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023270.22 N
 349884.86 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW21-17A**
 Relative Location: **603 parking, S of cafeteria**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
			Groundwater Information: Depth to groundwater from TOP = 4.872 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Ryan
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2021 December 21
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023270.22 N
 349884.86 E
 Groundsurface Elevation: 82.74 m
 Top of Casing Elevation: 82.64 m

Notes:

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CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-17B**
 Relative Location: **603 parking, S of cafeteria**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.0		Asphalt		0-0.75	3 3 1 1	88	PHC PAH BTEX Metals	1.0						
0.2		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, gray, moist.											
0.4		Sandy clay	Sandy clay, some gravel, soft, high plastic. dark brown to beige, moist.	0.75-1.75										
0.6														
0.8														
1.0	81.73		Becomes firm.	2.5-3.5	2 4 50+	100	VOCs	0.0						
1.2			Becomes hard.											
1.4		Bedrock	Interbedded dolostone and sandstone											
1.6														
1.8														
2.0	80.73													
2.2														
2.4														
2.6														
2.8														
3.0	79.73													
3.2														
3.4														
3.6														
3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023270.76 N
 349885.37 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 82.63 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-17B**
 Relative Location: **603 parking, S of cafeteria**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION			
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES	
									1	10	100				
4.2															
4.4															
4.6															
4.8															
5.0	77.73														
5.2															
5.4															
5.6															
5.8															
6.0	76.73														
6.2															
6.4															
6.6															
6.8															
7.0	75.73														
7.2															
7.4															
7.6															
7.8															

Bentonite seal

▼ GW = 6.246 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023270.76 N
 349885.37 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 82.63 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-17B**
 Relative Location: **603 parking, S of cafeteria**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
8.2		[Dotted pattern]														
8.4																
8.6																
8.8																
9.0	73.73															
9.2																
9.4																
9.6																
9.8																
10.0	72.73															
10.2																
10.4																
10.6																
10.8																
11.0	71.73															
11.2																
11.4																
11.6																
11.8																

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023270.76 N
 349885.37 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 82.63 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-17B**
 Relative Location: **603 parking, S of cafeteria**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
										1	10	100			
12.2			End of well at 12.30 m, due to achievement of target depth.												
			<p>Well Completion Details: Screened interval from 9.30 m to 12.30 m below surface Elevation at top of pipe (TOP) = 82.630 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 6.146 m</p>												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 26
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023270.76 N
 349885.37 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 82.63 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0 - 0.2		Asphalt		0-1	Split Spoon	12	50	PHC BTEX PAH Metals	0.6					
0.2 - 0.4		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, grey, moist.		Split Spoon	12 12 10 6								
0.4 - 0.8		Gravelly clay	Gravelly clay, hard, grey, moist.	2-2.5	Split Spoon	4 4 4 6	75		0.4					
0.8 - 1.0	81.50	No gravel.		2.5-3.75	Split Spoon			VOCs	0.3					
1.0 - 1.2					Split Spoon									
1.2 - 1.4					Split Spoon									
1.4 - 1.6				4-5.5	Split Spoon	2 3 50+	100		0.3					
1.6 - 1.8		Bedrock	Interbedded dolostone and sandstone											
1.8 - 2.0	80.50													
2.0 - 2.2														
2.2 - 2.4														
2.4 - 2.6														
2.6 - 2.8														
2.8 - 3.0	79.50													
3.0 - 3.2														
3.2 - 3.4														
3.4 - 3.6														
3.6 - 3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023134.33 N
 349982.51 E
 Groundsurface Elevation: 82.50 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY

Bentonite seal



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-18**
 Relative Location: **SW side of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	77.50													
5.2														
5.4														
5.6														
5.8														
6.0	76.50													
6.2														
6.4														
6.6														
6.8														
7.0	75.50													
7.2														
7.4														
7.6														
7.8														

▼ GW = 4.595 mbg

Silica sand

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023134.33 N
 349982.51 E
 Groundsurface Elevation: 82.50 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-18**
 Relative Location: **SW side of 555 building**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	73.50														
9.2															
9.4															
9.6															
9.8			End of well at 9.80 m, due to achievement of target depth.												
			Well Completion Details: Screened interval from 6.80 m to 9.80 m below surface Elevation at top of pipe (TOP) = 82.370 m												
			Groundwater Information: Depth to groundwater from TOP = 4.465 m												

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023134.33 N
 349982.51 E
 Groundsurface Elevation: 82.50 m
 Top of Casing Elevation: 82.37 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **BH22-19**
 Relative Location: **555 transformer**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE			FIELD TEST DATA			WELL COMPLETION			
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL
								1	10	100			
0.2			Topsoil Sandy silt, organics, soft, dark brown, moist. Sand and Gravel Fill Sand and gravel, some silt and clay, loose, grey, moist.	04.5		2 10 6	25		0.0				
0.4													
0.6													
0.8			Clay Clay, some gravel, firm, high plasticity, grey, moist. 1" sand pocket, becomes soft.	24.5		3 6 4	75		0.0				
1.0	81.23					50+							
1.2			End of borehole at 1.20 m, due to refusal on assumed bedrock.										

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: SPLIT SPOON
 BOREHOLE DIAMETER (m): 0.152
 WELL DIAMETER (m):
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023101.94 N
 350001.46 E
 Groundsurface Elevation: 82.23 m
 Top of Casing Elevation: m

Notes:
 SPLIT SPOON NO RECOVERY

BOREHOLE LOG

Borehole #: **MW22-20**
 Relative Location: **S central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	
								1	10	100			
0.0		Asphalt		0.0-0.5	6	50		0.7					
0.2		Sand and Gravel Fill	Sand and gravel, some silt and clay, loose, grey, moist.	0.5-1	2			0.5					
0.4		Clay	Clay, some sand, firm, medium plastic, greyish brown, moist.										
0.6			Becomes soft.										
1.0	80.98			2.4	1	100		0.4					
1.2		Bedrock	Interbedded dolostone and sandstone										
2.0	79.98												
3.0	78.98												
3.4													
3.4													GW = 3.405 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023087.26 N
 350004.33 E
 Groundsurface Elevation: 81.98 m
 Top of Casing Elevation: 81.91 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-20**
 Relative Location: **S central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL			
									1	10	100					
4.2		[Dotted pattern]														
4.4																
4.6																
4.8																
5.0	76.98															
5.2																
5.4																
5.6																
5.8																
6.0	75.98															
6.2																
6.4																
6.6																
6.8																
7.0	74.98															
7.2																
7.4																
7.6																
7.8																

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023087.26 N
 350004.33 E
 Groundsurface Elevation: 81.98 m
 Top of Casing Elevation: 81.91 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-20**
 Relative Location: **S central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2														
8.4														
8.6														
8.8														Slough
9.0	72.98		End of well at 9.10 m, due to achievement of target depth.											
			<p>Well Completion Details: Screened interval from 5.20 m to 8.20 m below surface Elevation at top of pipe (TOP) = 81.910 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 3.335 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 17
 LOGGED BY: DE/AC

UTM COORDINATES
 ZONE: 18
 5023087.26 N
 350004.33 E
 Groundsurface Elevation: 81.98 m
 Top of Casing Elevation: 81.91 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-21**
 Relative Location: **SE of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.2			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, grey, moist.	0-0.5		12 5 5 17	25	PHC BTEx	0.0					Flushmount, jplug, cement
0.4			Gravelly clay Gravelly clay, soft, medium plastic, brownish grey, moist.											
0.8			Clay Clay, some sand, firm, low plasticity, grey, moist.											
1.0	-81.12		Becomes non-plastic.	2.5-2.5		1 3 3 3	100	VOCs	0.0					
1.8			1" sand pocket, becomes sandy clay.	5-7		3 3 4 5	100		0.0					
2.0	-80.12		Bedrock Interbedded dolostone and sandstone											
2.2														
2.4														
2.6														
2.8														
3.0	-79.12													
3.2														
3.4														
3.6														
3.8														Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 18
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023117.81 N
 350011.87 E
 Groundsurface Elevation: 82.12 m
 Top of Casing Elevation: 82.02 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-21**
 Relative Location: **SE of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
4.2															
4.4															
4.6															
4.8															
5.0	77.12														
5.2															
5.4															
5.6															
5.8															
6.0	76.12														
6.2															
6.4															
6.6															
6.8															
7.0	75.12														
7.2															
7.4															
7.6															
7.8															

GW = 4.783 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 18
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023117.81 N
 350011.87 E
 Groundsurface Elevation: 82.12 m
 Top of Casing Elevation: 82.02 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-21**
 Relative Location: **SE of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	73.12														
9.2															
9.4															
9.6															
9.8															
10.0	72.12														
10.2															
10.4															
10.6															
			End of well at 10.70 m, due to achievement of target depth.												
			Well Completion Details: Screened interval from 7.70 m to 10.70 m below surface Elevation at top of pipe (TOP) = 82.020 m												
			Groundwater Information: Depth to groundwater from TOP = 4.683 m												

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 18
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023117.81 N
 350011.87 E
 Groundsurface Elevation: 82.12 m
 Top of Casing Elevation: 82.02 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-22**
 Relative Location: **East site corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0			Topsoil Sandy silt, organics, loose, dark brown, moist.			3									
0.2			Gravelly sand Gravelly sand, loose, brown/grey, moist. Becomes saturated.	0-1.25		15 13 8	63	PHC BTEX PAH Metals	0.8						Flushmount, jplug, cement
0.4															
0.6															
0.8			Sand and clay Sand and clay, firm, low plasticity, brown/grey, moist.	2.5-3		2 4 8 50+	25	VOCs	0.3						
1.0	80.94														
1.2															
1.4															
1.6			Bedrock Interbedded dolostone and sandstone												
1.8															
2.0	79.94														
2.2															
2.4															
2.6															
2.8															
3.0	78.94														
3.2															
3.4															
3.6															
3.8															

Bentonite seal

GW = 3.263 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 18
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023130.61 N
 350051.01 E
 Groundsurface Elevation: 81.94 m
 Top of Casing Elevation: 81.85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-22**
 Relative Location: **East site corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	76.94													
5.2														
5.4														
5.6														
5.8														
6.0	75.94													
6.2														
6.4														
6.6														
6.8														
7.0	74.94													
7.2														
7.4														
7.6														
7.8														

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 18
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023130.61 N
 350051.01 E
 Groundsurface Elevation: 81.94 m
 Top of Casing Elevation: 81.85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-22**
 Relative Location: **East site corner**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2														
8.4														
8.6														
8.8														
9.0	72.94													
			End of well at 9.10 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 5.80 m to 8.80 m below surface Elevation at top of pipe (TOP) = 81.850 m											
			Groundwater Information: Depth to groundwater from TOP = 3.173 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 18
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023130.61 N
 350051.01 E
 Groundsurface Elevation: 81.94 m
 Top of Casing Elevation: 81.85 m

Notes:
 SPLIT SPOON NO RECOVERY

BOREHOLE LOG

Borehole #: **MW22-23**
 Relative Location: **Front of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.2			Topsoil Clayey silt, some sand, firm, non-plastic, brown, moist.	0-1		1 3 5	100	PHC BTEX PAH Metals	4.0					Flushmount, jplug, cement
0.4			Sandy clay Sandy clay, firm, low plasticity, grey, moist.	1-2				VOCs	0.0					
0.8			Some gravel, loose, grey/brown/tan, Becomes hard.	2.5-2.75		3 4 7 7	75		0.0					
1.0	81.32		No sand.	2.75-4					0.0					
1.6			Sandy clay Sandy clay, soft, medium plasticity, greyish brown, moist.	5-5.5		2 50+	100		0.0					
1.8			Bedrock Interbedded dolostone and sandstone											
2.0	80.32													
2.2														
2.4														
2.6														
2.8														
3.0	79.32													Bentonite seal
3.2														
3.4														
3.6														
3.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023163.36 N
 350016.09 E
 Groundsurface Elevation: 82.32 m
 Top of Casing Elevation: 82.22 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-23**
 Relative Location: **Front of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	77.32													
5.2														
5.4														
5.6														
5.8														
6.0	76.32													
6.2														
6.4														
6.6														
6.8														
7.0	75.32													
7.2														
7.4														
7.6														
7.8														

GW = 5.376 mbg

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023163.36 N
 350016.09 E
 Groundsurface Elevation: 82.32 m
 Top of Casing Elevation: 82.22 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-23**
 Relative Location: **Front of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	73.32														
			<p>End of well at 9.10 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 6.10 m to 9.10 m below surface Elevation at top of pipe (TOP) = 82.220 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.276 m</p>												
























CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023163.36 N
 350016.09 E
 Groundsurface Elevation: 82.32 m
 Top of Casing Elevation: 82.22 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.2			Topsoil Sandy silt, some clay, organics, loose, firm, non-plastic, brown, moist.	0-1.25		1 3 4	63	PHC BTEX PAH Metals	0.7					Flushmount, jplug, cement
0.4			Sandy clay Sandy clay, firm, low plasticity, grey, moist.											
0.6			Becomes some sand.											
0.8			Becomes some sand.											
1.0	80.93		Becomes trace sand.	2.5-4.5		2 5 6	100		0.7					
1.2			Becomes trace sand.											
1.4			Becomes trace sand.											
1.6			Becomes trace sand.	5-6		2 2 14	100		0.6					
1.8			Becomes trace sand.											
2.0	79.93		Sandy silt Sandy silt, some clay, some gravel, loose, pinkish/grey/brown/tan, wet.	6-7				VOCs	0.7					
2.2			Bedrock Interbedded dolostone and sandstone											
2.4			Interbedded dolostone and sandstone											
2.6			Interbedded dolostone and sandstone											
2.8			Interbedded dolostone and sandstone											
3.0	78.93		Interbedded dolostone and sandstone											Bentonite seal
3.2			Interbedded dolostone and sandstone											
3.4			Interbedded dolostone and sandstone											
3.6			Interbedded dolostone and sandstone											
3.8			Interbedded dolostone and sandstone											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

 DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023175.24 N
 349981.42 E
 Groundsurface Elevation: 81.93 m
 Top of Casing Elevation: 81.84 m

Notes:
 SPLIT SPOON  NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-24**
 Relative Location: **NE side of 555 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	76.93													
5.2														
5.4														
5.6														
5.8														
6.0	75.93													
6.2														
6.4														
6.6														
6.8														
7.0	74.93													
7.2														
7.4														
7.6														
7.8														

GW = 4.627 mbg

Silica sand

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023175.24 N
 349981.42 E
 Groundsurface Elevation: 81.93 m
 Top of Casing Elevation: 81.84 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-24**
 Relative Location: **NE side of 555 building**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2		[Patterned Soil Type]													50 mm 010 slot PVC pipe
8.4															
8.6															
8.8															
9.0	72.93														
9.2															
9.4															
9.6															
9.8			End of well at 9.80 m, due to achievement of target depth.												
			Well Completion Details: Screened interval from 6.80 m to 9.80 m below surface Elevation at top of pipe (TOP) = 81.840 m												
			Groundwater Information: Depth to groundwater from TOP = 4.537 m												























CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023175.24 N
 349981.42 E
 Groundsurface Elevation: 81.93 m
 Top of Casing Elevation: 81.84 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	
								1	10	100			
0.0 - 0.2			Topsoil Sandy silt, some clay, loose, soft, dark brown, moist.	0-0.5		2 3 4	25	0.0					
0.2 - 0.8			Clay Some sand, firm, non-plastic, grey, moist.										
0.8 - 1.0			Sandy silt Some clay, firm, non-plastic, dark brown, moist.	2.5-3		2 5 6 7	100	0.0					
1.0 - 1.2	81.61		Clay Some sand, firm, non-plastic, grey, moist.	3-4.5				0.0					
1.2 - 1.4													
1.4 - 1.8													
1.8 - 2.0													
2.0 - 2.2	80.61												
2.2 - 2.4			Sand and Gravel Black.,	7-8.5		6 6 6 6	100	0.3					
2.4 - 2.6			Clay Some sand, firm, non-plastic, grey, moist.										
2.6 - 2.7			Sandy clay Soft, medium plasticity, greyish brown, wet.	8.5-9				0.3					
2.7 - 2.7			End of borehole at 2.70 m, due to refusal on assumed bedrock.										

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

 DRILLER: Aardvark - Jon
 DRILLING METHOD: SPLIT SPOON
 BOREHOLE DIAMETER (m): 0.152
 WELL DIAMETER (m):
 DRILL DATE: 2022 October 19
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023169.44 N
 349945.83 E
 Groundsurface Elevation: 82.61 m
 Top of Casing Elevation: m

Notes:
 SPLIT SPOON  NO RECOVERY

BOREHOLE LOG

Borehole #: **MW22-26**
 Relative Location: **South corner of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.0 - 0.2			Topsoil Sandy silt, trace organics, trace gravel, soft, non-plastic, dark brown, moist.	0-1		1		PHC	0.0					Steel casing, stickup, jplug
0.2 - 0.4			Sandy clay Sandy clay, soft, low plasticity, brown/grey, moist.			2 3	50	VOC Metals						
0.4 - 0.8														
0.8 - 1.0						1 50+								
1.0 - 1.0	82.07		Bedrock Interbedded doloston and sandstone											
2.0 - 2.0	81.07													
3.0 - 3.0	80.07													
3.4 - 3.4														Bentonite seal
3.6 - 3.6														
3.8 - 3.8														

GW = 3.484 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 20
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023019.32 N
 349926.26 E
 Groundsurface Elevation: 83.07 m
 Top of Casing Elevation: 83.98 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-26**
 Relative Location: **South corner of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.07													
5.2														
5.4														
5.6														
5.8														
6.0	77.07													
6.2														
6.4														
6.6														
6.8														
7.0	76.07													
7.2														
7.4														
7.6														
7.8														

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 20
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023019.32 N
 349926.26 E
 Groundsurface Elevation: 83.07 m
 Top of Casing Elevation: 83.98 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-26**
 Relative Location: **South corner of site**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
8.2			<p>End of well at 8.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.20 m to 8.20 m below surface Elevation at top of pipe (TOP) = 83.980 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 4.394 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 20
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023019.32 N
 349926.26 E
 Groundsurface Elevation: 83.07 m
 Top of Casing Elevation: 83.98 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0 - 0.2			Topsoil Sandy silt, organics, loose, dark brown, moist.	0-1		1 1 3 2	75	PHC VOC Metals	0.0					
0.2 - 0.4			Silty sand Silty sand, loose, greyish brown, moist.						0.0					
0.4 - 0.8			Sandy clay Sandy clay, firm, low plasticity, greyish brown, moist.	1-1.5					0.0					
0.8 - 1.0			Becomes some gravel with high plasticity, tan/brown/grey,											
1.0 - 82.11			Bedrock Interbedded dolostone and sandstone	2.5-3		1	50+		0.0					
1.0 - 2.0	81.11													
2.0 - 3.0	80.11													
3.0 - 3.46														
3.46 - 82.11														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 20
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023062.31 N
 349888.57 E
 Groundsurface Elevation: 83.11 m
 Top of Casing Elevation: 84.16 m

Notes:
 SPLIT SPOON NO RECOVERY

GW = 3.460 mbg



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-27**
 Relative Location: **SW area of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
4.2															
4.4															
4.6															
4.8															
5.0	78.11														
5.2															
5.4															
5.6															
5.8															
6.0	77.11														
6.2															
6.4															
6.6															
6.8															
7.0	76.11														
7.2															
7.4															
7.6															
7.8															

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 20
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023062.31 N
 349888.57 E
 Groundsurface Elevation: 83.11 m
 Top of Casing Elevation: 84.16 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-27**
 Relative Location: **SW area of site**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
8.2			<p>End of well at 8.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.20 m to 8.20 m below surface Elevation at top of pipe (TOP) = 84.160 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 4.510 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 20
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023062.31 N
 349888.57 E
 Groundsurface Elevation: 83.11 m
 Top of Casing Elevation: 84.16 m

Notes:
 SPLIT SPOON NO RECOVERY

BOREHOLE LOG

Borehole #: **MW22-28**
 Relative Location: **South corner of 603**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0 - 0.2		Asphalt		0.25-1.5	○	4									Flushmount, jplug, cement
0.2 - 0.4		Sand and Gravel Fill Sand and gravel, some silt and clay, loose, grey, moist. Sand Sand, some clay, trace gravel, compact, tan, moist.			△	3 5 6	63	PHC BTEX PAH Metals	0.1						
0.4 - 1.4		Sandy clay	Sandy clay, some gravel, medium plasticity, brownish grey, wet.	4.5-5	△	1	100		0.0						Bentonite seal
1.4 - 1.6		Bedrock	Interbedded dolostone and sandstone												
1.6 - 2.0	81.97														
2.0 - 3.0	80.97														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023174.62 N
 349805.36 E
 Groundsurface Elevation: 83.97 m
 Top of Casing Elevation: 83.91 m

Notes:
 NO RECOVERY SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-28**
 Relative Location: **South corner of 603**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Patterned Soil Type]												
4.4														
4.6														
4.8														
5.0	78.97													
5.2														
5.4														
5.6														
5.8														
6.0	77.97													
6.2														
6.4														
6.6														
6.8														
7.0	76.97													
7.2														
7.4														
7.6														
7.8														

GW = 5.504 mbg

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023174.62 N
 349805.36 E
 Groundsurface Elevation: 83.97 m
 Top of Casing Elevation: 83.91 m

Notes:
 NO RECOVERY SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-28**
 Relative Location: **South corner of 603**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2			<p>End of well at 8.20 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.20 m to 8.20 m below surface Elevation at top of pipe (TOP) = 83.910 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.444 m</p>											Slough

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023174.62 N
 349805.36 E
 Groundsurface Elevation: 83.97 m
 Top of Casing Elevation: 83.91 m

Notes:
 NO RECOVERY SPLIT SPOON

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.2		Asphalt												
		Sand and Gravel Fill	Sand and gravel, some silt and clay, compact, light grey, dry.											
0.4		Sandy silt	Sandy silt, loose, firm, non-plastic, brown, moist.	0.25-2.5	○	8 17 9 5	75	PHC BTEX PAH Metals	1.1					Flushmount, jplug, cement
0.8		Some gravel.												
1.0	83.39	Sandy clay	Sandy clay, some silt, soft, medium plasticity, caramel brown, moist.	2.5-3.75	○	3 3 3 4	63	PHC BTEX PAH Metals	0.0					
1.4		Bedrock	Interbedded dolostone and sandstone											
2.0	82.39													
3.0	81.39													
3.2														Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

 DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023206.81 N
 349776.54 E
 Groundsurface Elevation: 84.39 m
 Top of Casing Elevation: 84.3 m

Notes:
 NO RECOVERY SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-29**
 Relative Location: **NW central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	79.39													
5.2														
5.4														
5.6														
5.8														
6.0	78.39													
6.2														
6.4														
6.6														
6.8														
7.0	77.39													
7.2														
7.4														
7.6														
7.8														

GW = 7.210 mbg

Silica sand

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023206.81 N
 349776.54 E
 Groundsurface Elevation: 84.39 m
 Top of Casing Elevation: 84.3 m

Notes:
 NO RECOVERY SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-29**
 Relative Location: **NW central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
8.2															
8.4															
8.6															
8.8															
9.0	75.39														
9.2															
9.4															
9.6															
9.8			End of well at 9.80 m, due to achievement of target depth.												
			Well Completion Details: Screened interval from 6.80 m to 9.80 m below surface Elevation at top of pipe (TOP) = 84.300 m												
			Groundwater Information: Depth to groundwater from TOP = 7.120 m												

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023206.81 N
 349776.54 E
 Groundsurface Elevation: 84.39 m
 Top of Casing Elevation: 84.3 m

Notes:
 NO RECOVERY SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-30**
 Relative Location: **NW corner of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.2			Topsoil Sandy silt, some gravel, organics, brown/grey, moist.	0-175		1	88	PHC BTEX PAH Metals	0.0					Flushmount, jplug, cement	
0.4		Becomes black. 1" Sand pocket.	2			3									6
0.6		Bedrock Interbedded dolostone and sandstone													
1.0	83.12														
2.0	82.12														
3.0	81.12														Bentonite seal
3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023239.39 N
 349747.3 E
 Groundsurface Elevation: 84.12 m
 Top of Casing Elevation: 84.07 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-30**
 Relative Location: **NW corner of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	79.12													
5.2														
5.4														
5.6														
5.8														
6.0	78.12													
6.2														
6.4														
6.6														
6.8														
7.0	77.12													
7.2														
7.4														
7.6														
7.8														

GW = 5.672 mbg

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023239.39 N
 349747.3 E
 Groundsurface Elevation: 84.12 m
 Top of Casing Elevation: 84.07 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-30**
 Relative Location: **NW corner of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION			
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES	
									1	10	100				
8.2		[Patterned Soil Type]													
8.4															
8.6															
8.8															
9.0	75.12														
			End of well at 9.10 m, due to achievement of target depth.												
			Well Completion Details: Screened interval from 6.10 m to 9.10 m below surface Elevation at top of pipe (TOP) = 84.070 m												
			Groundwater Information: Depth to groundwater from TOP = 5.622 m												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 21
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023239.39 N
 349747.3 E
 Groundsurface Elevation: 84.12 m
 Top of Casing Elevation: 84.07 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-31**
 Relative Location: **S central grass 603**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0 - 0.2			Topsoil Sandy silt, organics, loose, dark brown, dry.	0-1		1 6 12	50	PHC BTEX PAH Metals	0.4						Flushmount, jplug, cement
0.2 - 0.8			Sand and Gravel Fill Sand and gravel, some silt and clay, loose, grey, dry.												
0.8 - 1.0			Sandy clay Sandy clay, soft to firm, low plasticity, grey-brown, moist.	2.5-3.5		5 7 9 10	50	VOCs	0.7						
1.0 - 1.8	-82.44			5-6.5		4 13 9 50+	100		0.6						
1.8 - 2.0			Bedrock Interbedded dolostone and sandstone												Bentonite seal
2.0 - 2.2	-81.44														
2.2 - 2.4															
2.4 - 2.6															
2.6 - 2.8															
2.8 - 3.0															
3.0 - 3.2	-80.44														
3.2 - 3.8															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023201.88 N
 349840.71 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.35 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-31**
 Relative Location: **S central grass 603**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.44													
5.2														
5.4														
5.6														
5.8														
6.0	77.44													
6.2														
6.4														
6.6														
6.8														
7.0	76.44													
7.2														
7.4														
7.6			End of well at 7.60 m, due to achievement of target depth.											

GW = 5.069 mbg

Silica sand

50 mm 010 slot PVC pipe

Well Completion Details:
 Screened interval from 4.60 m to 7.60 m below surface
 Elevation at top of pipe (TOP) = 83.350 m

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023201.88 N
 349840.71 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.35 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-31**
 Relative Location: **S central grass 603**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			Groundwater Information: Depth to groundwater from TOP = 4.979 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 24
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023201.88 N
 349840.71 E
 Groundsurface Elevation: 83.44 m
 Top of Casing Elevation: 83.35 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
									1	10	100			
0.2			Topsoil Silt, some sand, high organics content, soft, non-plastic, dark brown, moist.	0-0.75		1 3 4 7	63							Steel casing, stickup, jplug
0.4			Sandy clay Sandy clay, firm, low plasticity, grey/brown, moist.	0.75-1.25										
1.0	81.56		Bedrock Interbedded dolostone and sandstone											
1.2			10.1cm, medium texture (M), bedded fabric (BD), weathering AW1.5.											
1.2			3cm, M, BD, R5, AW1.5, joint condition - 20, rough roughness (r), extremely close spacing (xc)											
1.2			8cm, R5, AW1.5, 20, r, xc											
1.4			3cm, R5, AW1.5, 20, r, xc											
1.4			22cm, R5, AW1.5, 20, r, xc											
1.6			22cm, R5, AW1.5, 20, r, xc											
1.8			16cm, R5, AW1.5, 20, xc, QZ joint fill, V/J fill type											
2.0	80.56		17cm, R5, AW1.5, 20, r, xc											
2.2			9cm, R5, AW1.5, 20, r, xc, VL. END OF RUN. RECOVERY = 89.3%, RQD = 68%											
2.2			8cm, F/M, BD/R5/ AW1.5, 20, r, xc											
2.4														
2.6														Bentonite seal
2.8														
3.0	79.56		65cm, M/F, R5, AW1, 20, r, xc											
3.0			8cm, M/F, BD, R5, AW1, 20, r, xc											
3.2			25.5cm, M, BD, R5, AW1, 20, r, xc											
3.4			17cm, M, BD, R5, AW1, 20, r, xc											
3.4			2cm, M, BD, R5, AW1, 20 r xc											
3.6			18.5cm, R5, AW1, 20, r, xc. ENF OF RUN. RECOVERY = 94.7%, RQD = 87.5%											
3.8			10cm, M, BD, R5, AW1, 20											

GW = 3.157 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 31
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023068.65 N
 349939.2 E
 Groundsurface Elevation: 82.56 m
 Top of Casing Elevation: 83.51 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-32**
 Relative Location: **S central site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2			22.5cm, M, R3, AW1, 20, r, xc 5.5cm, M, R5, AW1, 20, r, xc											
4.4			19.5cm, M, R3, AW1, 20, r, xc 2.5cm, M, R5, AW1, 20, r, xc 4cm, R5, 20, BX 2.5cm											
4.6			8cm, M, BD, R5, BX 2.5cm, M, BD, R5											
4.8			24.5cm, M, BD, R3, r, xc											
5.0	77.56													
5.2			51cm, M, BD, R3, AW1, r, xc. END OF RUN. RECOVERY = 100%, RQD = 83.6%											
5.4			20.5cm, M, BD, R3, AW1, 20, r, xc											
5.6														
5.8														
6.0	76.56		61cm, M, BD, R3, AW1, 20, r, xc											
6.2			17cm, M, BD, R5, AW1, 20, r, xc											
6.4			16cm, M, BD, R5, AW1, 20, r, xc BX											
6.6			12cm, M, BD, R5, AW1, 20, r, xc											
6.8			31cm, M, BD, R4, AW1, 20, r, L. END OF RUN. RECOVERY = 100%, RQD = 98.4%											
7.0	75.56		15.5cm, M, BD, R3, AW1, 20, r, xc											
7.2			20.5cm, M, BD, R5, AW1, 20, r, xc 4cm, M, BD, R5, AW1, 25, r, xc 11cm, M, BD, R5, AW1, 20, r, xc											
7.4														
7.6			32cm, M, BD, R3, AW1, 20/25, r, xc											
7.8			15.5cm, M, BD, R5, AW1, 20, r, xc 2cm, M, BD, R5, AW1, 20, r, xc 2.5cm, M, BD, R5, AW1, 20, r, xc 1.5cm, M, BD, R2, AW1, 20, r, xc											

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0 GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 31
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023068.65 N
 349939.2 E
 Groundsurface Elevation: 82.56 m
 Top of Casing Elevation: 83.51 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-32**
 Relative Location: **S central site**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
8.2			28cm, M, BD, R4, AW1, 20, r, xc											
			13.5cm, M, BD, R3, AW1, 20, r, xc											
			7cm, M, BD, R5, AW1, 20, r. END OF RUN. RECOVERY = 100%, RQD = 88.9% End of well at 8.20 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 5.20 m to 8.20 m below surface Elevation at top of pipe (TOP) = 83.510 m											
			Groundwater Information: Depth to groundwater from TOP = 4.107 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28


DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 31
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023068.65 N
 349939.2 E
 Groundsurface Elevation: 82.56 m
 Top of Casing Elevation: 83.51 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: **0006-0103**


DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL
								1	10	100			
0.0		Clayey silt	Clayey silt, soft, non-plastic, dark brown, moist.	0-5"	▲	1	100						
0.2		Sandy clay	Sandy clay, soft, medium plasticity, brown/grey, moist.	6"-11" 5'-6"	▲	2							Steel casing, stickup, jplug
0.4		Sand	Loose, well graded, reddish brown, moist.		▲	50+							
0.4		Bedrock	Interbedded dolostone and sandstone										
0.6			7cm, scratch (Y/N) Y, medium texture (M), bedded fabric (BD), R5 field strength, AW1 weathering, condition -20, rough roughness (r), extremely close spacing (xc)										
0.8			16cm, Y, M, BD, R5, AW1, 20, r, xc										
0.8			9.5cm, Y, M, BD, R5, AW1, 20, r, xc										
0.8			2cm, N, M, BD, R5, AW1.5, 20, r, vc										
0.8			9cm, N, M, BD, R5, AW1.5, 20, r, vc										
1.0	81.73		7.5cm, N, M, BD, R5, AW1.5, 20, r, vc										
1.0	81.73		8.5cm, N, M, BD, R5, AW1.5, 20, r, xc										
1.4			37.5cm, Y, M, BD, R3, AW1, 20, r, xc										
1.8			37cm, Y, M, BD, R3, AW1, 20, r, xc										
1.8			1.5cm, Y, M, BD, R3, AW2, 20, r, vc										
2.0	80.73		14.5cm, scratches, M, BD, R4, AW1.5. END OF RUN. RECOVERY = 98.6%, RQD = 70%										
2.2			11.5cm, N, M, BD, R5, AW1, 20, r, xc										
2.2			7cm, N, M, BD, R5, AW1, 20, r, xc										
2.4			20cm, N, M, BD, R3, AW1, 20, r, xc										Bentonite seal
2.6			Vertical fracture										
2.8			35.5cm, N, M, BD, R3, AW1, 20, r, xc										
3.0	79.73		18cm, Y, M, BD, R3, AW1.5, 20, r, xc										
3.4			52.5cm, Y, M, BD, R3, AW1, 20, r, xc										
3.6			4cm, Y, M, BD, R5, AW1, 20, r. END OF RUN. RECOVERY = 97.7%, RQD = 92.6%										
3.6			4cm, Y, M, BD, R5, AW1, 20, r, xc										
3.8			4.5cm, Y, M, BD, R3, AW1, 20, r, xc										

 GW = 3.183 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

 DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 31
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023113.66 N
 349895.39 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 83.7 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-33**
 Relative Location: **S central site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2			42.5cm, Y, M, BD, R4, AW1, 20, r, xc 8cm, Y, M, BD, R5, AW1, 20, r, xc											
4.4			23cm, Y, M BD, R3, AW1, 20, r, xc											
4.6			36.5cm, Y, M, BD, R3, AW1, 12, sm, xc											
4.8			mottled - 11.5cm, N, M, BD, R5, AW1, 20, r, xc											
5.0-77.73			20cm, N, M, R3, AW1. END OF RUN. RECOVERY = 98.7%, RQD = 89%											
5.2														
5.4			mottling - 43cm, Y, M, BD, R5, AW1, 20, r, xc, BX, J											
5.6														
5.8														
6.0-76.73			48.5cm, Y, M, BD, R5, AW1, 20, sm, xc											
6.2			18cm, N, M, BD, R4, AW1, 20, r, xc 2cm, N, M, BD, R5, AW1, 20, r, xc 4cm, N, M, BD, R5, AW1, 20, r, xc											
6.4														
6.6			28cm, Y, M, BD, R3, AW1. END OF RUN. RECOVERY = 94.4%, RQD = 95.8%											
6.8														
7.0-75.73			43cm, N, R4, AW1, 20, r, xc 7.5cm, Y, M, BD, R5, AW1, 20, r, xc											
7.2			12.5cm, Y, M, BD, R5, AW1, 20, r, xc 8cm, N, M, BD, R5, AW1, 20, r, xc											
7.4			13.5cm, N, M, BD, R5, AW1, 20, r, xc											
7.6			16cm, N, M, BD, R4, AW1m 20, r, xc 6cm, Y, M, BD, R5, AW1, 12, sm, vc, VL, BX, J											
7.8														
			26.5cm, Y, M, BD, R3, AW1, 20, r, xc											

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 31
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023113.66 N
 349895.39 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 83.7 m

Notes:
 SPLIT SPOON



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-33**
 Relative Location: **S central site**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
			15.5cm, N. M. BD, R5, AW1. END OF RUN. RECOVERY = 97.7%, RQD = 85.5% End of well at 8.10 m, due to achievement of target depth. Well Completion Details: Screened interval from 5.10 m to 8.10 m below surface Elevation at top of pipe (TOP) = 83.700 m Groundwater Information: Depth to groundwater from TOP = 4.153 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 October 31
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023113.66 N
 349895.39 E
 Groundsurface Elevation: 82.73 m
 Top of Casing Elevation: 83.7 m

Notes:
 SPLIT SPOON

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.2			Topsoil Sandy silt, organics, loose, soft, well-graded, dark brown, moist.	0-1		1 1 2 2	50	0.0						Steel casing, stickup, jplug
0.4			Sandy silt Sandy silt, some clay, soft, tan, moist.											
0.6														
0.8														
1.0	83.06			2.5-3/75		2 1 0 1	75	0.0						
1.2			Clay Clay, some sand, firm, grey/brown, moist.	3/75-4				0.0						
1.4			Bedrock Interbedded dolostone and sandstone											
1.6			3cm, scratches(Y/N) - N, medium texture (M), bedded fabric (BD), field strength - R5, weathering - AW1.5, condition - 20, rough roughness (r), extremely close spacing (xc)											
1.8			6.5cm, Y, M, BD, R5, AW1, 20, r, xc											
2.0	82.06		13cm, Y, M, BD, R4, AW1, 20, r, xc											
2.2			9.5cm, N, M, BD, R5< AW1.5, 20, r, vc, Medium persistence (M), Broken rock fill (BX), J											
2.4			6cm, Y, C, BD, R5< AW2, 20, sm, xc											
2.6			4cm, Y, C, BD, R3, AW3, 12, sm, xc											
2.8			2.5cm, Y, M, BD, R5, AW2, 20, sm. END OF RUN. RECOVERY = 29.2%, RQD = 29%											
3.0	81.06		45.5cm, Y, M, BD, R4, AW1, 20, R, xc											
3.2			37cm, Y, M, BD, R4, AW1, 20, r, xc											
3.4			5.5cm, Y, M, BD, R5, AW1.5, 20, sm, xc											
3.6			20cm, N, M, BD, R4, AW1, 20, sm, xc											
3.8			32.5cm, N, M, BD, R3, AW1. END OF RUN. RECOVERY = 92.4%, RQD = 96%											
			2cm, N, M, BD, R5, AW1, 20, r, xc											
														Bentonite seal
														GW = 3.636 mbg

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 1
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023185.09 N
 349840.42 E
 Groundsurface Elevation: 84.06 m
 Top of Casing Elevation: 85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-34**
 Relative Location: **Center of site**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2			74cm, Y, M, BD, R5, AW1.5, 20, r, xc, L, BX, J											
4.4														
4.6			40.5cm, Y, M, BD, R4, AW1.5, 20, r, xc, L, BX, J											
4.8			10cm, Y, M, BD, R5, AW1.5, 20, r, xc											
5.0	79.06		28cm, Y, M, BD, R3, AW1.5, 20, r. END OF RUN. RECOVERY = 101.6%, RQD = 98.7%											
5.2			7.5cm, Y, M, BD, R3, AW1.5, 20, sm, xc											
5.4			18cm, Y, M, BD, R3, AW1.5, 20, r, vc, M, BX, J											
5.6			7.5cm, Y, M, BD, R5, AW1, 20, r, xc											
5.8			31.5cm, Y, M, BD, R3, AW1.5, 20, r, vc, L, BX, J											
6.0	78.06													
6.2														
6.4			56cm, Y, M, BD, R4, AW1.5, 20, sm, xc											
6.6			20cm, Y, M, BD, R5, AW1.5, 20, r. END OF RUN. RECOVERY = 92.4%, RQD = 89%											
6.8			4cm, N, M, BD, R5, AW1.5, 20, r, xc											
7.0	77.06		35cm, Y, M, BD, R4, AW1.5, 20, r, xc											
7.2			23.5cm, N, M, BD, R4, AW1.5, 20, sm, xc											
7.4			9cm, Y, M, BD, R5, AW1, 20, 20, r, xc											
7.6			9.5cm, Y, M, BD, R5, AW1, 20, r, xc											
7.8			3.5cm, N, M, BD, R5, AW1, 20, r, xc											
			3.5cm, N, M, BD, R5, AW1.5, 20, r, xc											
			7.5cm, Y, M, BD, R5, AW1.5, 20, r, xc											
			1.5cm, Y, M, BD, R5, AW1, 20, r, xc											
			6.5cm, N, M, BD, R5, AW1, 20, r. END OF RUN. RECOVERY = 68%, RQD = 56.6%											
			25cm, N, M, BD, R5, AW1, 20, sm. END OF RUN. RECOVERY = 100%, RQD = 100%											

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 1
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023185.09 N
 349840.42 E
 Groundsurface Elevation: 84.06 m
 Top of Casing Elevation: 85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-34**
 Relative Location: **Center of site**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			End of well at 7.90 m, due to achievement of target depth. Well Completion Details: Screened interval from 4.90 m to 7.90 m below surface Elevation at top of pipe (TOP) = 85.000 m Groundwater Information: Depth to groundwater from TOP = 4.576 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 1
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023185.09 N
 349840.42 E
 Groundsurface Elevation: 84.06 m
 Top of Casing Elevation: 85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-35**
 Relative Location: **Near NW 603 entrance**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES										
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL									
									1	10	100												
0.0 - 0.2			Topsoil Sandy silt, organics, loose, dark brown, moist.	0-1		5	50	PHC VOC Metals PAH	0.7						Flushmount, plug, cement								
0.2 - 0.4			Silty Sand and Gravel Silty sand and gravel, loose, poorly graded, grey/white, dry.			15																	
0.4 - 0.6			Sand Sand, some silt, compact, well-graded, brown, moist.			50+																	
0.6 - 0.8			Bedrock Interbedded dolostone and sandstone																				
1.0 - 82.01																							
1.6			3cm, scratches - Y/N (N), medium texture (M), bedded fabric (BD), field strength (R5), weathering- AW1, condition - 12, smooth roughness (sm), extremely close spacing (xc)																				
1.7			7.5cm, N, M, BD, R5, AW1.5, 20, sm, xc																				
1.8			9.5cm, N, M, BD, R5, AW1.5, 12, sm, vc																				
1.8			12.5cm, N, M/F, BD, R5, AW1.5, 20, r, c																				
2.0 - 81.01																							
2.2			6.5cm, N, M/F, BD, R5, AW2. END OF RUN. RECOVERY = 91%, RQD = 32%																				
2.2			6cm, N, M, BD, R5, AW1.5, 20, sm, xc																				
2.4			24cm, Y, M, BD, R4, AW1.5, 20, sm, xc																				
2.4			8.5cm, Y, M, BD, R5, AW2, 12, sm, xc												Bentonite seal								
2.6																							
2.8			43cm, Y, M, BD, R3, AW1.5, 20, sm, xc																				
3.0 - 80.01																							
3.0			8.5cm, Y, M, BD, R5, AW1, 20, r, xc																				
3.0			8cm, Y, M, BD, R5, AW1, 20, r, xc																				
3.2			8.5cm, Y, M, BD, R3, AW1.5, 20, sm, xc, M, BX																				
3.2			27.5cm, Y, M, BD, R3, AW1.5, 20, sm, xc																				
3.4																							
3.6			9.5cm, N, M, BD, R5, AW1.5. END OF RUN. RECOVERY = 94.4%, RQD = 65.9%																				
3.6			13cm, N, M, BD, R5, AW1, 20, r, xc																				
3.6			1cm, N, M, BD, R5, AW1, 20, sm, xc																				
3.6			9cm, N, M, BD, R3, AW1.5, 20, sm, xc																				
3.8			12cm, Y, M, BD, R4, AW1, 20, sm, xc																				
3.8			1cm, Y, M, BD, R4, AW1.5, 20, sm, vc, M, BX																				
3.8			9.5cm, Y, M, BD, R3, AW1, 12, sm, xc																				
3.8			1.5cm, Y, M, BD, R4, AW1, 12, sm, xc																				

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 2
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023276.91 N
 349789.98 E
 Groundsurface Elevation: 83.01 m
 Top of Casing Elevation: 82.88 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-35**
 Relative Location: **Near NW 603 entrance**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2			16.5cm, Y, M, BD, R3, AW1, 20, sm, xc 10cm, N, M, BD, R5, AW1, 20, r, xc 15cm, Y, M, BD, R5, AW1.5, 2, sm, xc											
4.4			26cm, N, M, BD, R4, AW1, 20, r, xc											
4.6														
4.8														
5.0	78.01		50.5, Y, M, BD, R4, AW1, 20. END OF RUN. RECOVERY = 93%, RQD = 82% 2.5cm, Y, M, BD, R5, AW1, 12, sm, xc 13cm, Y, M, BD, R3, AW1, 20, r, xc											
5.2			15.5cm, Y, M, BD, R5, AW1, 20, r, xc 7cm, Y, M, BD, R5, AW1, 12, sm, xc											
5.4			17cm, Y, M, BD, R5, AW1, 12, sm, xc 4cm, N, M, BD, R5, AW1, 12, sm, xc											
5.6														
5.8			29.5cm, N, M, BD, R4, AW1, 20, r, xc											
6.0	77.01		13cm, Y, M, BD, R5, AW1, 20, r, xc											
6.2			19.5cm, N, M, BD, R5, AW1, 12, sm, xc											
6.4			13.5cm, N, M, BD, R5, AW1, 12, sm, xc 4.5cm, N, M, BD, R5, AW1, 12, sm, xc 2cm, N, M, BD, R1, AW1, 20, r, xc											
6.6			15.5cm, N, M, BD, R4, AW1. END OF RUN. RECOVERY = 100%, RQD = 89.6% 16cm, N, M, BD, R5, AW1, 20, r, xc 3cm, N, M, BD, R5, AW1, 20, r, xc											
6.8			16.5cm, Y, M, BD, R3, AW1, 12, sm, xc											
7.0	76.01		11.5cm, Y, M, BD, R4, AW1, 20, r, xc											
7.2			16cm, Y, M, BD, R4, AW1, 20, r, xc											
7.4			11cm, Y, M, BD, R4, AW1, 20, R, xc, H, BX 3.5cm, N, M, BD, R5, AW1, 12, sm, xc 5cm, Y, M, BD, R5, AW1, 12, sm, vc, H, BX											
7.6														
7.8														

GW = 6.233 mbg
 Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 2
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023276.91 N
 349789.98 E
 Groundsurface Elevation: 83.01 m
 Top of Casing Elevation: 82.88 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-35**
 Relative Location: **Near NW 603 entrance**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			Fractured rock. 57.5cm, M, BD, R3, AW4. END OF RUN. RECOVERY = 100%, RQD = 46.5% End of well at 8.00 m, due to achievement of target depth. Well Completion Details: Screened interval from 5.00 m to 8.00 m below surface Elevation at top of pipe (TOP) = 82.880 m Groundwater Information: Depth to groundwater from TOP = 6.103 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 2
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023276.91 N
 349789.98 E
 Groundsurface Elevation: 83.01 m
 Top of Casing Elevation: 82.88 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-36**
 Relative Location: **SW central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0			Topsoil Sandy silt, organics, soft, dark brown, moist.	0-0.75		1	75	PHC VOC Metals	0.6					
0.2			Sand Sand, some silt, loose, well graded, tan/beige, moist.			50+								Steel casing, stickup, jplug
0.4			Bedrock Interbedded dolostone and sandstone											
0.6			25.5cm, N, M, BD, R4, AW1, 20, r, xc											
			7.5cm, N, M, BD, R5, AW1, 20, r, xc											
0.8			13.5cm, Y, M, BD, R5, AW1, 20, sm, xc											
			7cm, Y, M, BD, R5, AW1, 20, r, xc, M, BX, J											
1.0	82.19													
1.2														
1.4			42cm, Y, M, BD, R4, AW1, 20, r, xc											
1.6			27.5cm, Y, M, BD, R3, AW1, 20, r, xc											
			9cm, Y, M, BD, R5, AW1.5, 20, sm, xc											
1.8			9.5cm, N, M, BD, R4, AW1, 20, sm, xc											
2.0	81.19		10cm, N, M, BD, R5, AW1, 20, r. END OF RUN. RECOVERY = 99%, RQD = 77.8%											
			7.5cm, N, M, BD, R5, AW1, 20, r, vc											
2.2														
2.4			43.5cm, N, M, BD, R3, AW1, 20, r, xc											
2.6			15cm, Y, M, BD, R5, AW1, 20, sm, xc											
2.8														
3.0	80.19		37cm, N, M, BD, R3, AW1, 20, r, xc											
3.2			26cm, Y, M, BD, R4, AW1, 20, r, xc											
3.4			13.5cm, Y, M, BD, R5, AW1, 20, r, xc											
3.6			16.5cm, Y, M, BD, R3, AW1, 20, r. END OF RUN. RECOVERY = 104%, RQD = 99.4%											
3.8			37cm, N, M, BD, R3, AW1, 20, r, xc											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 7
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023108.25 N
 349869.5 E
 Groundsurface Elevation: 83.19 m
 Top of Casing Elevation: 83.98 m

Notes:
 SPLIT SPOON NO RECOVERY

GW = 3.896 mbg



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-36**
 Relative Location: **SW central site boundary**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)		CONSTRUCTION	WATER LEVEL		
									1	10	100			
4.2			10.5cm, N, M, BD, R5, AW1, 20, r, xc 3cm, N, M, BD, R5, AW1, 12, sm, xc 4cm, N, M, BD, R5, AW1, 12, sm, xc 7cm, N, M, BD, R4, AW1, 12, sm, xc, M, BX, J 2cm, N, M, BD, R5, AW1, 12, sm, xc 6.5cm, Y, M, BD, R4, AW1, 12, sm, xc											
4.4			27.5cm, Y, M, BD, R4, AW1, 20, sm, vc											
4.6														
4.8														
5.0	78.19		51cm, N, M, BD, R4, AW1. END OF RUN. RECOVERY = 100%, RQD = 82.7%											
5.2														
5.4			35cm, Y, M, BD, R4, AW1, 12, sm, xc											
5.6														
5.8			39cm, Y, M, BD, R3, AW1, 12, sm, xc											
6.0	77.19		14.5cm, N, M, BD, R5, AW1, 12, sm, xc 9.5cm, N, M, BD, R5, AW1, 12, sm, xc											
6.2			25cm, Y, M, BD, R4, AW1, 25, r, xc											
6.4			15.5cm, N, M, BD, R5, AW1, 25, r. END OF RUN. RECOVERY = 91%, RQD = 93.1%											
6.6			15.5cm, N, M, BD, R5, AW1, 20, sm, xc, VL											
6.8			24cm, N, M, BD, R4, AW1, 20, sm, xc 3.5cm, N, M, BD, R5, AW1, 12, sm, xc											
7.0	76.19		13.5cm, N, M, BD, R5, AW1, 20, r, xc											
7.2			18.5cm, N, M, BD, R5, AW1, 20, r, xc											
7.4			27cm, N, M, BD, R4, AW1, 20, r, xc 6.5cm, N, M, BD, R5, AW1, 20, r, xc 5.5cm, N, M, BD, R5, AW1, 20, r, vc 4cm, M, BD, AW, 12, sm, xc, BX											
7.6														
7.8														
			20.5cm, N, M, BD, R5, AW1, 20, sm, xc, END OF RUN. RECOVERY = 97%, RQD = 80.7%											

Silica sand
50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 7
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023108.25 N
 349869.5 E
 Groundsurface Elevation: 83.19 m
 Top of Casing Elevation: 83.98 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-36**
 Relative Location: **SW central site boundary**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
			End of well at 7.90 m, due to achievement of target depth. Well Completion Details: Screened interval from 4.90 m to 7.90 m below surface Elevation at top of pipe (TOP) = 83.980 m Groundwater Information: Depth to groundwater from TOP = 4.686 m						1	10	100			

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 7
 LOGGED BY: AC/DE

UTM COORDINATES
 ZONE: 18
 5023108.25 N
 349869.5 E
 Groundsurface Elevation: 83.19 m
 Top of Casing Elevation: 83.98 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-37**
 Relative Location: **Hines turn around**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL	
									1	10	100				
0.0			Topsoil Sandy silt, loose, non-plastic, broken rocks, dark brown, moist.	0-0.5		1 4 9 10	25	PHC BTEX PAH Metals	0.3						
0.2			Broken stones Broken rock fill deposited on site from adjacent properties.												Steel casing, stickup, jplug
1.0	83.06					42 26 8 8									
1.8						1 3 7 6									
2.0	82.06														
2.4															
2.6			Bedrock Interbedded dolostone and sandstone												
3.0	81.06														Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 8
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023143.22 N
 349822.73 E
 Groundsurface Elevation: 84.06 m
 Top of Casing Elevation: 85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-37**
 Relative Location: **Hines turn around**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	79.06													
5.2														
5.4														
5.6														
5.8														
6.0	78.06													
6.2														
6.4														
6.6														
6.8														
7.0	77.06													
7.2														
7.4														
7.6														
7.8														

▼ GW = 4.572 mbg

Silica sand

50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 8
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023143.22 N
 349822.73 E
 Groundsurface Elevation: 84.06 m
 Top of Casing Elevation: 85 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-37**
 Relative Location: **Hines turn around**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2														
8.4														
8.6														
			End of well at 8.70 m, due to achievement of target depth.											
			Well Completion Details: Screened interval from 5.70 m to 8.70 m below surface Elevation at top of pipe (TOP) = 85.000 m											
			Groundwater Information: Depth to groundwater from TOP = 5.512 m											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 8
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023143.22 N
 349822.73 E
 Groundsurface Elevation: 84.06 m
 Top of Casing Elevation: 85 m

Notes:
 SPLIT SPOON NO RECOVERY

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
0.0			Topsoil Silty sand, trace gravel, loose, dark brown, dry.	0-0.75		2 6 7 8	100	PHC BTX PCB	0.2					
0.2			Sand Sand, some gravel, loose, beige, dry.											
0.4			Sand and clay Sand and clay, firm, low plasticity, dark brown, moist.	0.75-2			100	PHC BTX PCB	0.8					
0.6														
0.8							50+							
1.0	82.03		Bedrock Interbedded dolostone and sandstone											
1.2														
1.4														
1.6														
1.8														
2.0	81.03													
2.2														
2.4														
2.6														
2.8														
3.0	80.03													
3.2														
3.4														
3.6														
3.8														

Bentonite seal

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 8
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023343.34 N
 349857.11 E
 Groundsurface Elevation: 83.03 m
 Top of Casing Elevation: 82.99 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-38**
 Relative Location: **Terry Fox & March**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
4.2		[Dotted pattern]												
4.4														
4.6														
4.8														
5.0	78.03													
5.2														
5.4														
5.6														
5.8														
6.0	77.03													
6.2														
6.4														
6.6														
6.8														
7.0	76.03													
7.2														
7.4														
7.6														
7.8														

GW = 5.793 mbg

Silica sand
 50 mm 010 slot PVC pipe

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 8
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023343.34 N
 349857.11 E
 Groundsurface Elevation: 83.03 m
 Top of Casing Elevation: 82.99 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-38**
 Relative Location: **Terry Fox & March**

Project #: 0006-0103

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
8.2														
8.4			<p>End of well at 8.50 m, due to achievement of target depth.</p> <p>Well Completion Details: Screened interval from 5.50 m to 8.50 m below surface Elevation at top of pipe (TOP) = 82.990 m</p> <p>Groundwater Information: Depth to groundwater from TOP = 5.753 m</p>											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: AIR HAMMER
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 8
 LOGGED BY: AC

UTM COORDINATES
 ZONE: 18
 5023343.34 N
 349857.11 E
 Groundsurface Elevation: 83.03 m
 Top of Casing Elevation: 82.99 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
-0.6														
-0.4														
-0.2														
0.0	82.27		Ground Surface											
0.0			Topsoil Silt, some clay, some sand, organics, soft, non-plastic, dark brown, moist.	22-39 0.0-0.5	1 2 4 3	50				1.5				
0.2			Sandy Clay Sandy clay, soft, medium plasticity, light brown, moist.			50		VOCs		3.8				
0.4														
0.6														
0.8			Becomes grey with less sand.											
1.0	81.27			22-39 2.5-3.5	3 50+	100		VOCs		0.7				
1.2			Bedrock Interbedded dolostone and sandstone											
1.4			Length - 20cm, Scratch (Y/N) - Y, Texture - M (medium grain), Fabric - BD (Bedded), Field Strength - R4, Weathering - AW1, End joint condition - 12, Roughness - SM (Smooth), Spacing - XC (Extra Close)											
1.6			38.5, Y, M, BD, R4, AW1, 12, SM, XC											
1.8			17.5, Y, M, BD, R4, AW1, 12, SM; END RUN 1, RECOVERY - 100%, RQD - 100%											
2.0	80.27		6.5, Y, M, BD, R5, AW1.5, 12, R (rough), VC (Very Close)											
2.2			4, N, M, BD, R5, AW1, 12, R, XC											
2.4			6.5, N, M, BD, R5, AW1, 12, SM, XC											
2.6			3, N, M, BD, R5, AW1, 12, SM, XC											
2.8														
3.0	79.27		98.5, N, M, BD, R4, AW1, 12, SM, XC											

Monument Stick-up with 7 Channel CMT

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
3.4			31.5, N, M, BD, R4, AW1, 12, SM; END RUN 2, RECOVERY - 99%, RQD - 86.7%											
			6, Y, M, BD, R4, AW1, 20, R, XC											
3.6			15.5, Y, M, BD, R5, AW1, 20, R, VC, VL, Joint Fill - BX (Broken Rock)											
			2.5, Y, M, BD, R5, AW1, 20, R, XC											
3.8			3, Y, M, BD, R5, AW1, 20, SM, XC											
			10, Y, M, BD, R5, AW1, 12, SM, XC											
			1.5, Y, M, BD, R5, AW1, 12, SM, XC											
4.0	78.27													
			Mechanical Fracture - 34.5, Y, M, BD, R3, AW1, 20, R, XC											
4.2			9.5, Y, M, BD, R5, AW1, 20, R, XC											
			3.5, Y, M, BD, R4, AW1, 20, R, VC, VL, BX											
4.4			18.5, N, M, BD, R4, AW1, 20, SM, XC											
4.6			12.5, Y, M, BD, R4, AW1, 20, R, XC											
4.8			26, N, M, BD, R4, AW1, 20, SM, XC											
5.0	77.27		10, N, M, BD, R5, AW1, 20, R; END RUN 3, RECOVERY - 100%, RQD - 83%											
			Fracture, Mottling Around Fracture, PID Reading - 0 ppm											
5.2														
5.4														
5.6			Fracture, Discolouration, 0.2											
5.8														
6.0	76.27		Fracture, 0											
6.2														
6.4			Fracture, 0											
			End Run 4											
6.6			Fracture, 0											
			Fracture, 0.2											
6.8														
7.0	75.27		Fracture, 0											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
7.4		Fracture, 0												
7.6		Fracture, 0												
7.8		Fracture, 0.3												
8.0	74.27	End Run 5												
8.2		Fracture, 0.2												Port 1
8.4		Fracture, 0.3												
8.6		Fracture, 0												
8.8		Fracture, Discolouration, Lost Circulation, 0												
9.0	73.27	Fracture, 0												
9.2		Fracture, 0												
9.4		Fracture, 0												
9.6		End Run 6, Oxidation, 0.1												
9.8		Fracture, 0.3												
10.0	72.27	Fracture, 0.2												
10.2		Fracture, 0.1												
10.4		Fracture, 0.1												
10.6		Fracture, 0.1												
10.8		Fracture, 0.1												
11.0	71.27	End Run 7												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
11.4															
11.6			Fracture, 0.1 Fracture, Oxidation, 0.2												
11.8			Fracture, 0.2												
12.0	70.27		Fracture, 0.2												
12.2			Fracture, 0.2												
12.4															
12.6			End Run 8 Fracture, 0												
12.8			Fracture, 0 Vertical Fracture Fracture, 0												
13.0	69.27		Fracture, 0 Fracture, 0												
13.2			Fracture, 0 Fracture, 0												
13.4			Fracture, 0												
13.6			Fracture, 0 Fracture, Oxidation, 0 Fracture, 0												
13.8			Fracture, 0												
14.0	68.27		End Run 9												
14.2			Fracture, 0.2												
14.4															
14.6															
14.8															
15.0	67.27		Fracture, 0.3 Fracture, 0.7												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY

Port 3



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100			
15.4			Fracture, 0.4											
			Fracture, 0.4											
			Fracture, 0.2											
			Fracture, 0.2											
15.6			End Run 10											
			Fracture, 0											
15.8														
16.0	66.27													
16.2														
16.4														
16.6			Fracture, 0											
16.8														
17.0	65.27		Fracture, 0											
			End Run 11											
			Fracture, 0.1											
			Fracture, 0											
			Fracture, 0											
			Fracture, 0											
			Fracture, 0											
17.6			Fracture, 0											
			Fracture, 0											
17.8			Clay Seam within Fracture Set											
18.0	64.27		Fracture, 0											
18.2														
18.4			Fracture, 0											
			Fracture, 0											
18.6														
			End Run 12											
18.8			Fracture, 0											
			Fracture, 0											
19.0	63.27		Fracture, White Colouration, 0											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY

Port 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
19.4															
19.6			Fracture, 0												
			Fracture, 0												
19.8			Fracture, 0												
20.0	62.27		Fracture, 0												
20.2			End Run 13												
20.4															
20.6															
20.8			Fracture, 0												
21.0	61.27		Fracture, 0												
21.2			Fracture, 0												
			Fracture, 0												
21.4			Fracture, 0												
			Fracture, 0												
21.6			Fracture, 0												
21.8			End Run 14												
22.0	60.27		Fracture, 0												
22.2			Fracture, 0												
			Fracture, 0												
22.4			Fracture, 0												
22.6			Fracture, 0												
			Fracture, 0												
			Fracture, 0												
22.8			Fracture, 0												
			Fracture, 0												
23.0	59.27		Fracture, 0												
			Fracture, 0												
			Fracture, 0												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

Port 5

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
23.4			End Run 15 Fracture, PID Readings Unreliable Fracture											
23.6			Fracture Fracture											
23.8			Fracture Fracture											
24.0	58.27		Fracture											
24.2			Fracture											
24.4			Fracture											
24.6			Fracture											
24.8			End Run 16											
25.0	57.27		Fracture Zone, Oxidation, 37.5											
25.2			Fracture Zone End											
25.4			Fracture, 38.3											
25.6														
25.8			Fracture, 27.3											
26.0	56.27		Fracture, 24.2 Fracture, 24.1											
26.2			Fracture, 24.5											
26.4			End Run 17											
26.6			Fracture, 8.6											
26.8			Fracture, Oxidation, 10.9											
27.0	55.27													

Port 6

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-39**
 Relative Location: **Near 603 drainage on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
27.4														
27.6			Fracture, 18.7											
27.8			End Run 18											
28.0	54.27													
28.2														
28.4														
28.6														
28.8			Fracture, 18.2											
29.0	53.27		Fracture, 19.2											
29.2			Fracture, 19.5											
29.4			End Run 19											
29.6														
29.8			Fracture, 3.1											
30.0	52.27		Fracture, 4											
30.2														
30.4														
			End of well at 30.50 m, due to achievement of target depth.											

Port 7

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 16
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023242.54 N
 349915.25 E
 Groundsurface Elevation: 82.27 m
 Top of Casing Elevation: 83.01 m

Notes:
 SPLIT SPOON NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL	NOTES
									1	10	100	1000	10000			
-0.8			Ground Surface													
0.0	83.00	Topsoil	Topsoil, Silt, some clay, organics, soft, non-plastic, dark brown, moist.													
0.2		Sandy Clay	Sandy clay, soft, high plasticity, moist, brown.	22-40 01-15	CSN 1	75	VOCs	1, 3								
0.4			Becomes grey-brown.	22-40 2-3	8 50+	75	VOCs					2000.0				
1.0	82.00	Bedrock	Interbedded dolostone and sandstone													
1.4			Length - 32.5cm, Scratch (Y/N) - Y, Texture - M (medium grain), Fabric - BD (Bedded), Field Strength - R3, Weathering - AW1, End joint condition - 20, Roughness - R (Rough), Spacing - XC (Extra Close)													
2.0	81.00		18.5, Y, M, BD, R3, AW1; End Run 1, RECOVERY - 100%, RQD - 100%													
2.2			31, Y, M, BD, R3, AW1, 20, R, XC													
2.6			51, Y, M, BD, R4, AW1, 20, R, XC													
2.8			9, Y, M, BD, R5, AW1, 12, SM (Smooth), VC, BX (Broken Rock Filled Joint)													
3.0	80.00															

Monument Stick-up with 7 Channel CMT

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL	
									1	10	100	1000	10000			
3.2			36, N, M, BD, R4, AW1, 12, R, XC													
			7, N, M, BD, R4, AW1, 12, SM, XC													
			6.5, N, M, BD, R5, AW1, 12, SM, XC													
3.4			9.5, N, M, BD, R5, AW1, 20, R													
			End Run 2, RECOVERY - 98%, RQD - 78.7%													
3.6			16, N, M, BD, R4, AW1, 12, R, XC													
3.8																
4.0	79.00		31, N, M, BD, R4, AW1, 20, R, XC													
			Mechanical Fracture, 39, Y, M, BD, R3, AW1, 20, R, XC													
4.2																
4.4																
4.6			22.5, Y, M, BD, R3, AW1, 12, SM, XC													
4.8			Mechanical Fracture, 14, Y, M, BD, R4, AW1, 25, R, XC													
5.0	78.00		34, Y, M, BD, R4, AW1, 25, R; End Run 3, RECOVERY - 103%, RQD - 100%													
			8, N, M, BD, R4, AW1, 12, SM, XC													
5.2			7, N, M, BD, R5, AW1, 12, SM, XC													
			10.5, N, M, BD, R4, AW1, 20, R, XC													
5.4			9, N, M, BD, R4, AW1, 12, SM, XC													
			6, N, M, BD, R4, AW1, 12, SM, XC													
5.6																
5.8			34.5, N, M, BD, R3, AW1, 12, SM, XC													
6.0	77.00		13.5, N, M, BD, R3, AW1, 12, SM, XC													
6.2																
6.4			55.5, N, M, BD, R4, AW1, 20, SM, VC													
6.6			2, N, M, BD, R4, AW1, 20, SM; End Run 4, RECOVERY 100%, RQD - 78%													
			Fracture, Oxidation, PID Reading - 0 ppm													
6.8																
7.0	76.00															

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL
								1	10	100	1000	10000			
7.2			Fracture, 0.1												
			Fracture, 0.1												
7.4			Fracture, 0.2												
7.6			Fracture, 0.3												
7.8															
8.0	75.00														
			End Run 5												
8.2			Fracture												
			Fracture												
8.4															
8.6			Fracture												
8.8															
			Fracture												
9.0	74.00		Fracture, Broken Rock, Oxidation												
			Fracture, Broken Rock, Oxidation												
9.2															
			Fracture												
9.4															
			Fracture												
9.6															
			Fracture												
			Oxidation, End Run 6												
9.8															
10.0	73.00														
			Fracture												
10.2															
			Fracture												
10.4															
			Fracture												
10.6															
			Fracture												
10.8															
			Fracture												
11.0	72.00														
			Fracture												

Port 1

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL	
									1	10	100	1000	10000			
11.2			End Run 7													
11.4			Fracture													
11.6			Fracture													
11.8			Fracture													
12.0	71.00		Fracture													
12.2			Fracture													
12.4			Fracture, Oxidation													
12.6			Fracture, Oxidation													
12.8			End Run 8													
13.0	70.00		Fracture													
13.2			Fracture													
13.4			Fracture													
13.6			Fracture													
13.8			Fracture													
14.0	69.00		Fracture													
14.2			End Run 9													
14.4			Fracture, 0													
14.6			Fracture, 0													
14.8			Fracture, 0													
15.0	68.00		Fracture, 0													

Port 2

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL	
									1	10	100	1000	10000			
15.2			Fracture, 0													
			Fracture, 0													
15.4			Fracture, 0													
15.6			Fracture, 0.4													
15.8			End Run 10													
16.0	67.00															
16.2			Fracture, 0													
16.4																
16.6			Fracture, 0													
			Fracture, 0													
			Fracture, 0													
16.8			Fracture, 0													
			Fracture, 0													
			Fracture, 0													
17.0	66.00		Fracture, 0													
			Fracture, 0													
17.2			Fracture, 0													
17.4			End Run 11													
			Fracture, 0													
			Fracture, 0													
17.6																
17.8			Fracture, 0													
18.0	65.00		Fracture, 0													
			Fracture, 0													
18.2			Fracture, 0													
18.4			Fracture, 0													
18.6																
18.8			Fracture, 0													
			Fracture, 0													
			End Run 12													
			Clay layer with broken rock, 0													
19.0	64.00		Fracture, 0													

Port 3

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ - CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL	
									1	10	100	1000	10000			
19.2																
19.4																
19.6																
19.8			Fracture, 0													
			Fracture, 0													
			Fracture, 0													
20.0	63.00															
20.2			Fracture, 0													
			End Run 13													
20.4																
20.6			Fracture, 0													
20.8																
21.0	62.00		Fracture, 0													
21.2																
21.4			Fracture, 0													
21.6			Fracture, 0													
			Fracture, 0													
21.8			End Run 14													
22.0	61.00		Fracture, 0													
22.2			Fracture, 0													
			Fracture, 0													
			Fracture, 0													
22.4			Fracture, 0													
			Fracture, 0													
22.6																
22.8			Fracture, 0													
23.0	60.00		Fracture, 2.6													

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ - CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY

Port 4



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL		
									1	10	100	1000	10000				
23.2			Fracture, 1.1														
			Fracture, 1.1														
23.4			End Run 15														
23.6																	
23.8			Fracture, 0														
			Fracture, 0														
			Fracture, 0														
24.0	59.00		Fracture, 0														
24.2			Fracture, 0														
			Fracture, 0														
24.4			Fracture, 0														
24.6			Fracture, 0														
			Fracture, 0														
			Fracture, 0														
24.8			End Run 16														
25.0	58.00		Fracture, 0														
25.2																	
25.4			Fracture, 0														
25.6			Clay layer with broken rock, Oxidation, 0														
			End clay layer														
			Fracture, Oxidation, 0														
			Fracture, Oxidation, 0														
25.8			Fracture, Oxidation, 0														
			Fracture, Oxidation, 0														
26.0	57.00		Vertical Fracture, Oxidation, 0														
			Fracture, Oxidation, 0														
26.2																	
26.4			Fracture, 0														
			End Run 17														
			Fracture, 0														
			Fracture, 0														
26.6			Fracture, 0														
26.8																	
27.0	56.00																

Port 5

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-40**
 Relative Location: **Adjacent March on 595**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA					WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)					CONSTRUCTION	WATER LEVEL	
									1	10	100	1000	10000			
27.2																
27.4																
27.6			Fracture, Purple colouration in bedding of matrix, 0 Fracture, Green residue on fracture surfaces, 0 Purple colouration in bedding of matrix Fracture, 0													
27.8			Purple colouration in bedding of matrix Fracture, 0													Port 6
28.0	55.00		End purple colouration in matrix, End Run 18													
28.2			Fracture, 0													
28.4			Fracture, 0													
28.6																
28.8			End Run 19													Port 7
29.0	54.00															
29.2																
29.4																
29.6			Fracture, 0													
29.8			Fracture, 0													
30.0	53.00		Fracture, 0													
30.2			Fracture, 0													
30.4			Fracture, 0													
			End of well at 30.50 m, due to achievement of target depth.													

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Jon
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 22
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023265.36 N
 349942.76 E
 Groundsurface Elevation: 83.00 m
 Top of Casing Elevation: 83.91 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE				FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION		WATER LEVEL
								1	10	100				
-1.0	83.06													
-0.8														
-0.6														
-0.4														
-0.2														
0.0	82.06		Ground Surface											
0.2		Topsoil	Topsoil, Silt, trace sand, organics, soft, loose, dark brown, moist.	22-41 0.1.5	0	75			2.1					
0.4		Silty Clay	Silty clay, soft, medium plasticity, light brown, moist.											
0.6														
0.8		Sandy Clay	Sandy clay, trace gravel, firm, high plasticity, grey-brown, moist.	22-41 2.2/7.5	2	100			2.7					
1.0	81.06			22-41 2.75-4		100	VOCs		3.4					
1.2														
1.4		Bedrock	Interbedded dolostone and sandstone	22-41 4.4.5	5	100	VOCs		3.7					
1.6			Fracture, PID Reading - 0 ppm											
1.8			Fracture, 0											
2.0	80.06		End Run 1											
2.2			Fracture, 8.1											
2.4			Fracture											
2.6			Fracture											
2.8			Fracture, Oxidation											

Monument Stick-up with 7 Channel CMT

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
3.0	79.06													
3.2			Fracture, Oxidation											
3.4			Fracture, Oxidation											
3.6			End Run 2											
3.8			Purplein bedding of matrix											
4.0	78.06		Oxidation in Vertical Fracture											
4.2			Fracture											
4.4			Vertical Fracture											
4.6			Fracture											
4.8			Fracture											
5.0	77.06		End Run 3											
5.2			Fracture, 0											
5.4			Fracture, 0											
5.6														
5.8			Fracture, 0											
6.0	76.06													
6.2														
6.4			Fracture, 0											
6.6			End Run 4											
6.8			Fracture, 0											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
7.0	75.06		Fracture, 0											
7.2														
7.4			Fracture, 0											
7.6			Fracture, 0											
7.8			Fracture, 0											
8.0	74.06		End Run 5											
8.2			Fracture, 0											
8.4			Fracture, 0											
8.6			Fracture, 0											
8.8			Fracture, Oxidation, Lost Circulation, 0											
9.0	73.06		Fracture, 0											
9.2			Mechanical Fracture, 0											
9.4			Fracture, 0											
9.6			End Run 6											
9.8			Fracture, Oxidation, 0											
10.0	72.06		Fracture, 0											
10.2			Fracture, 0											
10.4			Fracture, 0											
10.6														
10.8			Fracture, 0											

Port 1

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
11.0	71.06		Fracture, 0											
11.2			End Run 7											
11.4														
11.6			Fracture, 0											
11.8			Fracture, 0											
12.0	70.06													
12.2														
12.4														
12.6			End Run 8											
12.8			Sub-vertical Fracture, 0											
			Fracture, 0											
13.0	69.06		Vertical Fracture											
13.2			Fracture, 0											
			Fracture, 0											
13.4														
13.6			Fracture, 0											
			Fracture, 0											
13.8			Fracture, 0											
14.0	68.06		Fracture, 0											
14.2			End Run 9											
			Mechanical Fracture, 0											
14.4			Fracture, 113											
14.6														
14.8			Fracture, 19.6											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES	
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL		
									1	10	100				
15.0	67.06														
15.2			Fracture, 6.6												Port 2
			Fracture, 2.1												
			Fracture, 1.4												
15.4			Fracture, 1.8												
			Fracture, 1.8												
15.6															
			End Run 10												
15.8															
16.0	66.06														
16.2			Fracture, 5												
			Fracture, 3.5												
16.4			Fracture, 4												
			Fracture, 0												
16.6			Fracture, 0												
16.8			Fracture, 0												
17.0	65.06														
17.2			End Run 11												
17.4															
17.6															
17.8			Fracture, 0												
18.0	64.06		Fracture, 0												
			Fracture, 0												
			Fracture, 0												
18.2			Clay layer with broken rock												
			Fracture, 0												
18.4			Fracture, 0												
18.6															
18.8			End Run 12												

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
19.0	63.06		Fracture, 0											
19.2			Fracture, 0											
19.4			Fracture, 0											
19.6			Fracture, 0											
19.8			Fracture, 0											
20.0	62.06		Fracture, 0											
20.2			End Run 13											
20.4														
20.6			Fracture, 0											
20.8														
21.0	61.06													
21.2			Fracture, 0											
21.4			Fracture, 0											
21.6			Fracture, 0											
21.8			End Run 14											
22.0	60.06		Fracture, 0											
22.2			Fracture, 0											
22.4			Fracture, 0.6											
22.6			Fracture, 0											
22.8			Fracture, 0											

Port 3

Port 4

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
23.0	59.06		Fracture, 0											
23.2			Fracture, 0											
23.4			End Run 15											
23.6			Fracture, 0											
23.8			Fracture, 0											
24.0	58.06		Fracture, 0											
24.2			Fracture, 0											
24.4														
24.6			Fracture, 0.3											
24.8			End Run 16											
25.0	57.06		Fracture, 0											
25.2			Fracture, 0.4											
25.3			Fracture, 0.2											
25.4			Fracture, 3.2											
25.6			Fracture, 0.1											
25.8			Fracture, 0.1											
26.0	56.06		Fracture, 0.2											
26.1			Fracture, 0.1											
26.2														
26.4			End Run 17											
26.6														
26.8														

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ - CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

Port 5

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY



CLIENT: **March and Main Developments Inc.**
 PROJECT: **March Road Properties Geotech Assessment**
 ADDRESS: **555, 591, 595 and 603 March Rd.**

BOREHOLE LOG

Borehole #: **MW22-41**
 Relative Location: **Rear center of 591 building**

Project #: **0006-0103**

DEPTH (m)	ELEVATION (m)	SOIL TYPE	SOIL DESCRIPTION	SAMPLE					FIELD TEST DATA			WELL COMPLETION		NOTES
				SAMPLE ID	TYPE	SPT COUNT	RECOVERY (%)	LAB ANALYSIS	Organic Vapour Concentration (ppmv)			CONSTRUCTION	WATER LEVEL	
									1	10	100			
27.0	55.06	[Fracture pattern]	Fracture, 0.1											Port 6
			Fracture, 0.9											
27.2			Fracture, 0.4											
27.4			Fracture, 0.4											
27.6			Fracture, 0.4											
27.8			Fracture, 0.4											
28.0	54.06	[Fracture pattern]	End Run 18											Port 7
			Fracture, 0.1											
			Fracture, 0.2											
28.2			Fracture, 0.3											
28.4			Fracture, 0.3											
28.6			Fracture, 0.6											
28.8			Fracture, 0.7											
29.0	53.06	[Fracture pattern]	Fracture, 1.4											Port 7
			Fracture, 0.5											
29.2			Fracture, 0.3											
29.4			Fracture, 0.3											
			End Run 19											
29.6			Fracture, 1.3											
29.8			Fracture, 1.3											
30.0	52.06	[Fracture pattern]	Fracture, 3											Port 7
			Fracture											
30.4			End of well at 30.50 m, due to achievement of target depth.											

CONCENTRIC V1.0 0006-0103 - BOREHOLE LOGS.GPJ - CONCENTRIC TEMPLATE V1.0.GDT 23-3-28

DRILLER: Aardvark - Devin
 DRILLING METHOD: CORE
 BOREHOLE DIAMETER (m): 0.102
 WELL DIAMETER (m): 0.051
 DRILL DATE: 2022 November 24
 LOGGED BY: DE

UTM COORDINATES
 ZONE: 18
 5023218.99 N
 349937.08 E
 Groundsurface Elevation: 82.06 m
 Top of Casing Elevation: 83.07 m

Notes:
 CORE SAMPLE NO RECOVERY