2233 & 2235 Hurontario Ltd.
1400-3280 Bloor Street West, Centre Tower
Toronto, Ontario, M8X 2X3

File No. 24-099
October 29, 2026

Attention: Graham Spittal

Re: Remedial Action Plan
Western Portion of 2233 Hurontario Street, Mississauga, Ontario

Grounded Engineering Inc. ("Grounded") is pleased to provide you with this Remedial Action Plan for the site known as the Western Portion of 2233 Hurontario Street, in Mississauga, Ontario (Project Area).

1 Introduction

Grounded Engineering Inc. ("Grounded") was retained by 2233 & 2235 Hurontario Ltd. to complete a Remedial Action Plan (RAP) for the site known as the Western Portion of 2233 Hurontario Street, in Mississauga, Ontario (the "Property"). Grounded previously completed a Phase One and Phase Two Environmental Site Assessment (ESA) for the Property that identified soil contamination on-site. Groundwater was found to meet the applicable site condition standards. The purpose of the RAP is to identify remedial options to address the known soil impacts on the Property, specifically organochlorine pesticides (DDE).

The Property is rectangular in shape, with a total area of 0.565 ha. The Property is bound by Hurontario Street to the west and residential properties to the north, east, and south. The Property is currently developed with a single storey commercial building, one level of underground parking connected to the commercial building and the residential building to the east, and landscaped areas and surficial parking areas. Under Ontario Regulation 153/04 (O.Reg. 153/04), the future land use of the of the Property would be considered residential.

2 Previous Investigation Summary

The following environmental reports were completed by Grounded for the Property:

- Geotechnical, Hydrogeological, and Environmental Engineering Feasibility, 2233 & 2235 Hurontario St, Mississauga, Ontario, File No. 24-099, dated August 16, 2026.
- Phase One Environmental Site Assessment, Western Portion of 2233 Hurontario Street, Mississauga, Ontario, File No. 24-099, dated April 13, 2026.
- *Phase Two Environmental Site Assessment, Western Portion of 2233 Hurontario Street, Mississauga, Ontario, File No.* 24-099*, dated* April 13, 2026.

2.1 Soil and Groundwater Bulk Analysis

The Phase Two ESA completed by Grounded was conducted in accordance with O.Reg.153/04. Grounded completed two (2) drilling programs at the Property as part of a Feasibility Investigation and the Phase Two ESA investigation, which included the advancement of boreholes with monitoring wells, as well as soil and groundwater sampling. The details of the investigations are summarized below:

- In June of 2024, three (3) boreholes (BH1 to BH3) were advanced to depths of 15.5 to 15.7 mbgs and three (3) monitoring wells were installed.
- In February and March of 2026, two (2) boreholes (BH201 to BH202) were advanced to depths of 11.9 to 15.3 mbgs with two (2) monitoring wells installed. Two (2) additional straight drilled boreholes were advanced beside the existing BH1 and BH3 on site to resample soil parameters.
- The following parameters in soil were assessed based on the Areas of Potential Environmental Concern (APECs) identified in the Phase One ESA:
    - Metals (M)
    - Hydride-forming Metals (H-M)
        - Antimony (Sb), Arsenic (As), Selenium (Se)
    - Other Regulated Parameters (ORPs)
        - Electrical Conductivity (EC), Sodium Adsorption Ratio (SAR), Boron-hot water soluble (B-HWS), Cyanide (CN-), Mercury (Hg), Hexavalent Chromium (Cr(VI)), pH
    - Polycyclic Aromatic Hydrocarbons (PAHs)
    - Petroleum Hydrocarbons (PHCs)
    - Volatile Organic Compounds I (VOCs)
    - Volatile Organic Compounds II - Benzene, Toluene, Ethylbenzene, Xylene (BTEX)
    - Organochlorine Pesticides (OCs)
    - Polychlorinated Biphenyls (PCBs)
- The following parameters in groundwater were assessed based on the APECs identified in the Phase One ESA:
    - Metals (M)
    - Hydride-forming Metals (H-M)
        - Antimony (Sb), Arsenic (As), Selenium (Se)
    - Other Regulated Parameters (ORPs)
        - CN-, Chloride (Cl), Hg, Cr(VI), pH
    - Sodium (Na)
    - PAHs
    - PHCs
    - VOCs
    - BTEX
    - OCs
    - PCBs

3 Results of Analysis

3.1 Applicable Site Condition Standards

The results of the chemical analysis were compared to the MECP Standards as found in the *"Soil, Groundwater and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act"*, April 15, 2011. The soil and groundwater results were compared to the following standard:

- Table 3 Generic Site Condition Standards for Use in a Non-Potable Groundwater Condition for Residential, Parkland and Institutional Use, coarse grained soils (Table 3 RPI CT)

The Standards were chosen for the following reasons:

- The redeveloped Property will be in Residential Use.
- Bedrock is located at a depth greater than 2 m.
- The Property is located in an urban setting, which obtains its potable water from a municipal water supply.
- The Property is not located within 30 m of a surface water body.
- More than 1/3 of the soil at the Property, measured by volume, consisted of coarse textured soil.

3.2 Bulk Soil Analysis

The soil was found to be impacted by OCs (DDE). The distribution of the contaminant is as follows.

Contaminants	Distribution
OCs	The OC impacts have been horizontally delineated in the fill material (topsoil) on the western portion of the Property on the small, landscaped parcel of land. The OC impacts have been vertically delineated in the topsoil.

3.3 Exemption of Salt Related Exceedances (O.Reg. 153/04 Sec 49.1(1))

Chemical analysis of the soil indicates that there are exceedances of the MECP Table 3 RPI Standards for Electrical Conductivity (salt related compound) within the upper soils.

The Property is bound by a municipal roadway to the west (Hurontario Street) and features walkways and car parking. The roadways, sidewalks, and parking areas are all salted during the winter months for safety purposes.

The Qualified Person has determined, based on the Phase One Environmental Site Assessment and the Phase Two Environmental Site Assessment, that a substance (salt) has been applied to surfaces of the roadway, sidewalks, driveway and parking area for the safety of vehicular and pedestrian traffic under conditions of snow or ice or both.

The applicable site condition standard is exceeded at the Property solely because of the reason as stated above (application of salt for safety purposes during winter months). As per O.Reg. 153/04 49.1 the applicable site condition standard is deemed not to be exceeded for the purpose of Part XV.1 of the Act.

3.4 Phase Two ESA Conclusions

The location and concentration of contamination are provided below:

Soil	There were exceedances of the applicable Site Condition Standards noted in the earth fill for OCs (DDE). All soil exceedance locations are presented in Figures 5 to 7.
Groundwater	No exceedances of the applicable Site Condition Standards were identified in the groundwater on the Property.

The Property has recorded exceedances of the applicable Site Condition Standards (SCS) identified in the earth fill. As such, a remediation program is recommended to restore the Property to the applicable SCS for continued residential use.

4 Remedial Action Plan

A RAP is required to address the previously identified impacted soils on the Property in excess of the MECP Table 3 RPI Standards. The following discussion summarizes the proposed methodology:

- Soil impacts (OCs) exist on the landscaped area of the Property within the fill material to depths of approximately 0.2 to 0.6 mbgs.
- The lateral extent of the impacts is currently inferred up to the next unimpacted location or the Property boundary, while not located below the parking garage.
- The impacted soils will be removed offsite and disposed of at an MECP licensed waste disposal site. Following excavation activities, confirmatory soil samples will be collected from the base and walls of the excavation at the sampling frequency outlined in the O.Reg.153/04 to confirm that the impacted soils have been removed.
- The remedial activities will be completed in one phase. A preliminary cut of 1 m will be conducted on the landscaped area in the vicinity of the exceedance to remove the impacted fill material in this specific area. The excavation will extend approximately 5 m by 5 m, with the previous exceedance located within the centre of the excavation.
- Upon removal of the impacted material, six (6) confirmatory samples are to be collected along the walls and at the base of the excavation in accordance with Table 3: Minimum Confirmation Sampling Requirements for Excavation of O.Reg.153/ to verify that all impacted material has been removed.
    - Two (2) confirmatory samples from the excavation floor.
    - Four (4) confirmatory samples from excavation walls (one per wall).
- If imported soil is proposed for any permanent backfilling, the source site must be identified and chemical analysis must be conducted in accordance with Section 21 of O.Reg.153/04 standards, the excess soils standard O.Reg. 406/19, and to the satisfaction of the QP for the site.
- During the Phase Two ESA, APEC 3 was not investigated and will require analysis prior to an RSC being filed. Additional groundwater sampling is recommended for the outstanding parameters for the APECs on the Property (Chromium VI and Mercury at BH201, and Chromium VI, Mercury, and Cyanide at BH202). The legal description of the Property will also need to be updated once the Property has been legally severed prior to filing the RSC.

- Upon completion of the confirmatory sampling program, and completion of the other required activities listed above prior to filing the RSC, the Property will be confirmed to meet the applicable Table 3 SCS in a non-potable groundwater condition for residential use.

5 Terms and Conditions

This Remedial Action Plan has been prepared based on the current available information for the site as of the report date. Grounded accepts no responsibility or liability in negligence, contract or on any other basis for damages of any kind or nature whatsoever suffered by anyone, or for indemnification, as a result of decisions or actions based on this opinion letter or on the documents reviewed.

6 Closure

We trust that the information contained in this letter is sufficient for your present requirements. If we can be of further assistance, please do not hesitate to contact us.

GROUNDED ENGINEERING

PROFESSIONAL GEOSCIENTIST
2026-10-29
KRISTEN SHAVER
PRACTISING MEMBER
3900
ONTARIO

Kristen Shaver, M.Sc., P.Geo., QP_{ESA}
Project Geoscientist

LICENSED PROFESSIONAL ENGINEER
2026-10-30
F. A. WAXMAN
100159640
PROVINCE OF ONTARIO

Freesia Waxman, M.A.Sc., P.Eng., QP_{ESA}
Associate

Enclosures

Figures
Figure 1 – Key Plan
Figure 2 – PCA Locations
Figure 3 – APEC and PCA Locations
Figure 4 – Borehole and Monitoring Well Locations
Figure 5 – OCs Exceedances in Soil – Plan View
Figure 6 – OCs Exceedances in Soil – Cross-Section A-A'
Figure 7 – OCs Exceedances in Soil – Cross-Section B-B'

Tables
Table 1 – Summary of Soil Quality Results: Metals, Hydride Metals, Other Regulated Parameters
Table 2 – Summary of Soil Quality Results: Polycyclic Aromatic Hydrocarbons
Table 3 – Summary of Soil Quality Results: Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene, Xylene

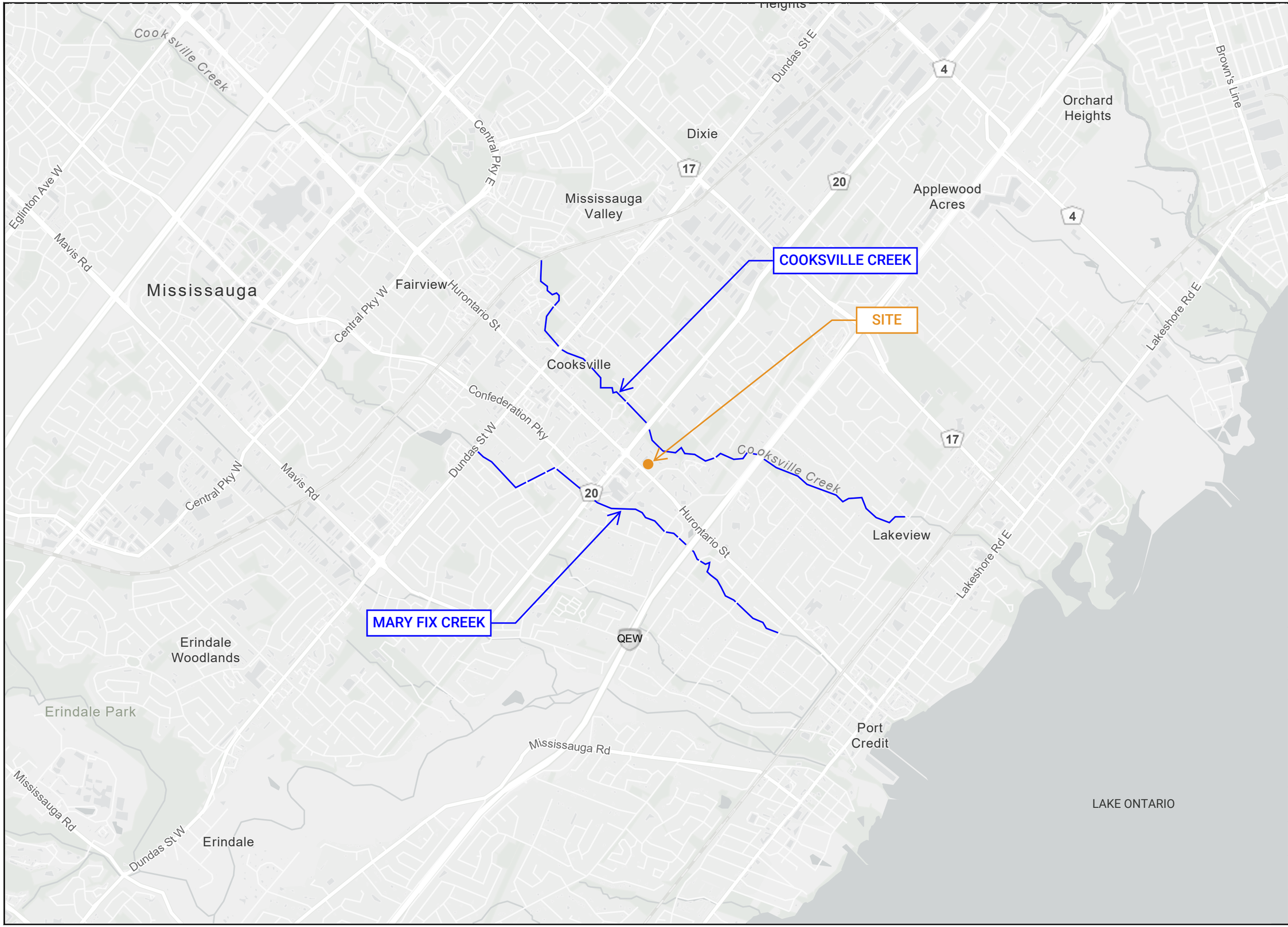
Table 4 – Summary of Soil Quality Results: Volatile Organic Compounds
Table 5 – Summary of Soil Quality Results: Organochlorine Pesticides

Appendices

Appendix A – Borehole Logs

FIGURES





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LEGEND

- APPROXIMATE SITE LOCATION
- WATERBODY

Note

Reference

ArcGIS Online 2026

Project

2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title

KEY PLAN

North

TRUE

PROJECT

Date

OCTOBER 2026

Scale

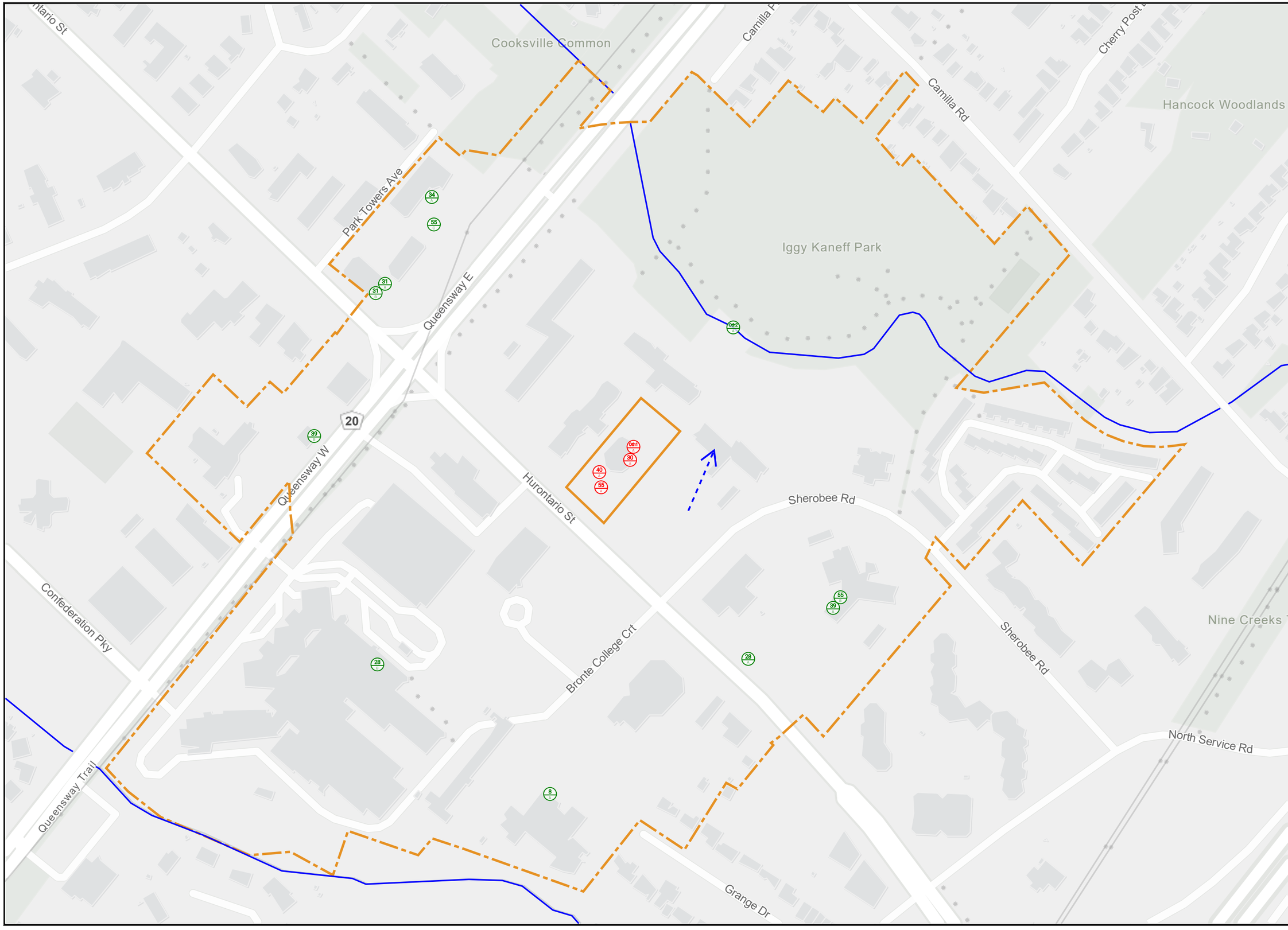
0m 500m 1000m

Job No

24-099

Figure No

1



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- STUDY AREA (250 m RADIUS)
- WATERBODY

8 – Chemical Manufacturing, Processing and Bulk Storage
28 – Gasoline and Associated Products Storage in Fixed Tanks
30 – Importation of Fill Material of Unknown Quality
31 – Ink Manufacturing, Processing and Bulk Storage
37 – Operation of Dry Cleaning Equipment (where chemicals are used)
39 – Paints Manufacturing, Processing and Bulk Storage
40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
55 – Transformer Manufacturing, Processing and Use
Other 1 – De-icing Activities
Other 2 – Ontario Spills

Note
GREEN - PCA NOT CAUSING APEC
RED - PCA CAUSING APEC

Reference
ArcGIS Online 2026

Project
2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title
PCA LOCATIONS

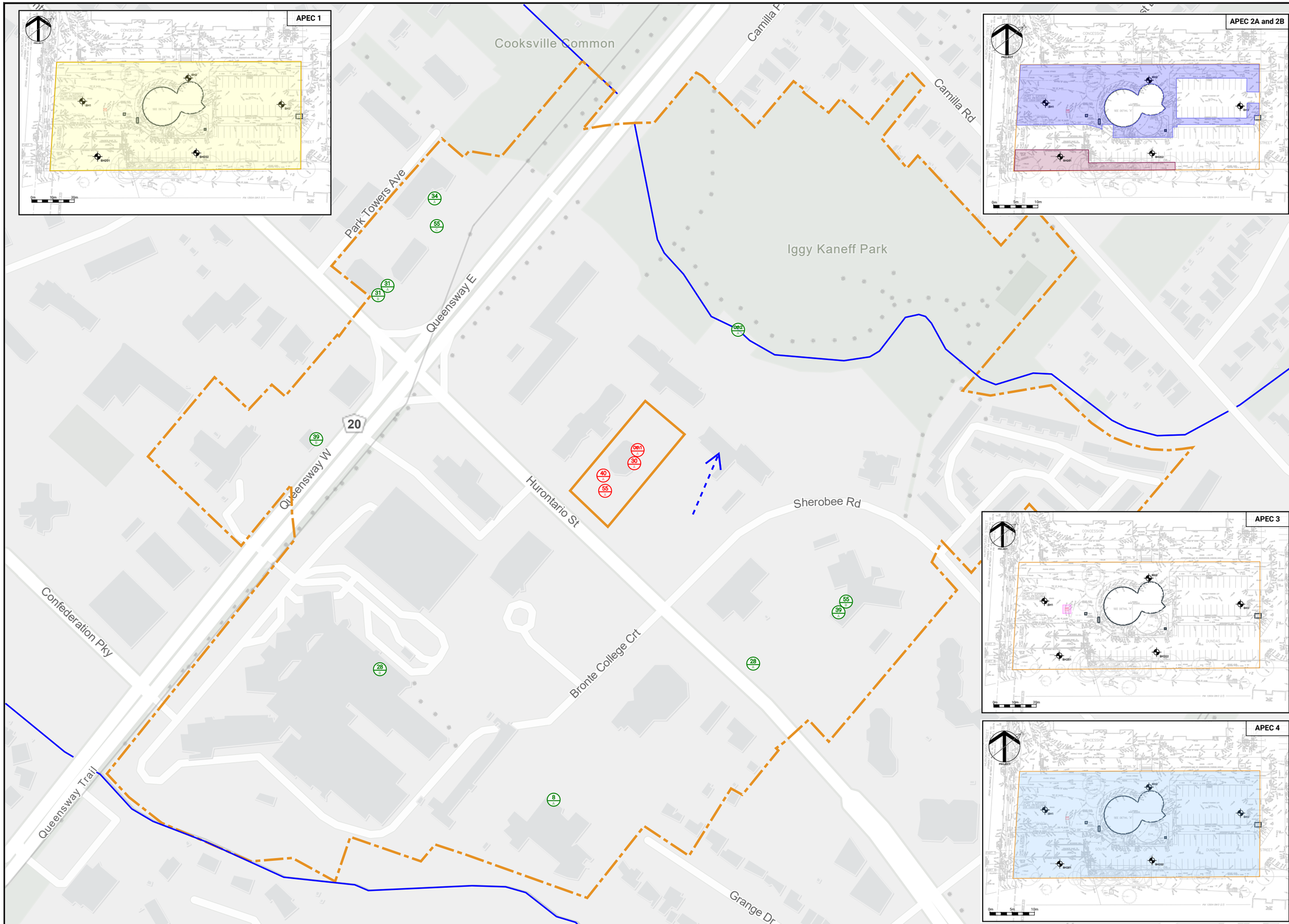
North
TRUE
PROJECT

Date
OCTOBER 2026

Scale
0m 50m 100m

Job No
24-099

Figure No
2



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LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- STUDY AREA (250 m RADIUS)
- WATERBODY
- HV HYDRO VAULT
- APEC 1
- APEC 2A
- APEC 2B
- APEC 3
- APEC 4

8 – Chemical Manufacturing, Processing and Bulk Storage
28 – Gasoline and Associated Products Storage in Fixed Tanks
30 – Importation of Fill Material of Unknown Quality
31 – Ink Manufacturing, Processing and Bulk Storage
37 – Operation of Dry Cleaning Equipment (where chemicals are used)
39 – Paints Manufacturing, Processing and Bulk Storage
40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
55 – Transformer Manufacturing, Processing and Use
Other 1 – De-icing Activities
Other 2 – Ontario Spills

Note
GREEN - PCA NOT CAUSING APEC
RED - PCA CAUSING APEC

Reference
ArcGIS Online 2026

Project
2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title
PCA AND APEC LOCATIONS

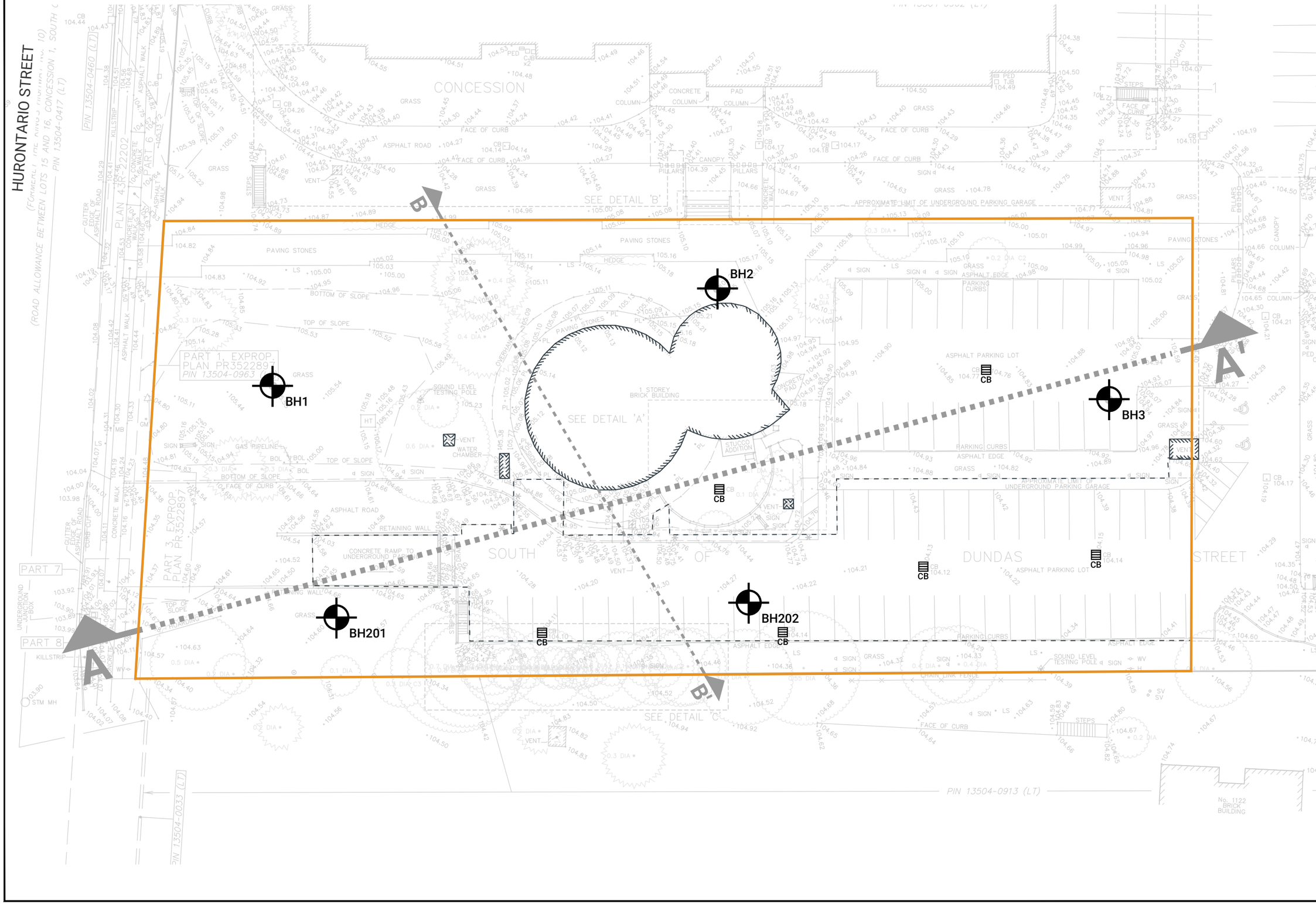
North
TRUE
PROJECT

Date
OCTOBER 2026

Scale
0m 50m 100m

Job No
24-099

Figure No
3



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LEGEND

- PROPERTY BOUNDARY
- EXISTING BUILDING STRUCTURE
- CROSS SECTION LINE
- MONITORING WELL BY GROUNDED
- HV — HYDRO VAULT
- CB — CATCH BASIN
- APPROXIMATE EXTENT OF UNDERGROUND PARKING GARAGE

Note

Utilities shown on this figure are shown for informational purposes only for the Phase One ESA, as outlined by O.Reg. 153/04. This is not an official locate and the information presented should not be relied upon.

Reference

Survey Drawing ref no. 24-30-219-00-B
Dated July 29, 2024
Prepared by J.D. BARNES LIMITED.
Received on February 06, 2026.

Project

2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title

BOREHOLE AND MONITORING WELL LOCATIONS

North

TRUE
PROJECT

Date

OCTOBER 2026

Scale

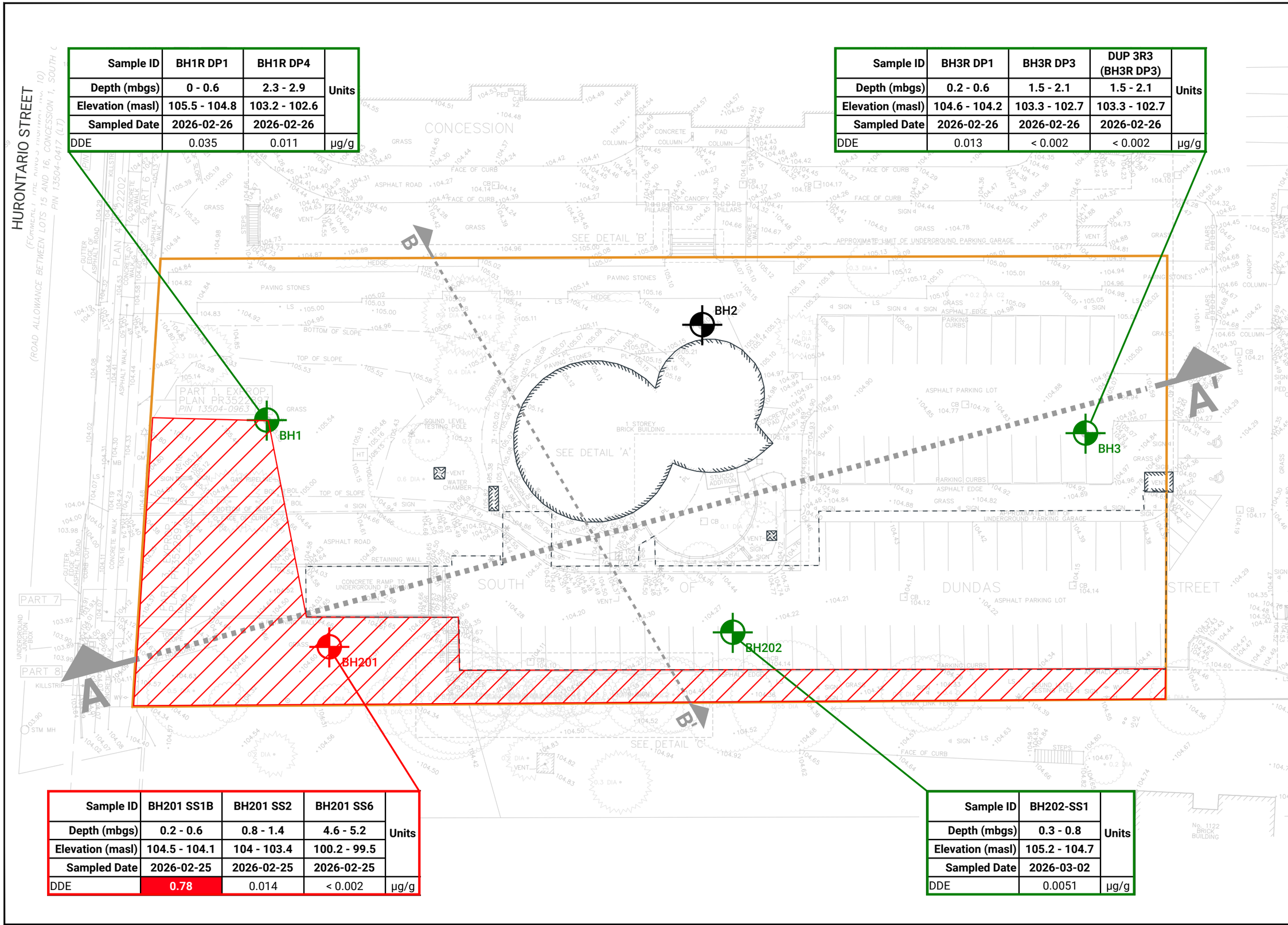
0m 5m 10m

Job No

24-099

Figure No

4



Sample ID	BH1R DP1	BH1R DP4	Units
Depth (mbgs)	0 - 0.6	2.3 - 2.9	
Elevation (masl)	105.5 - 104.8	103.2 - 102.6	
Sampled Date	2026-02-26	2026-02-26	
DDE	0.035	0.011	µg/g

Sample ID	BH3R DP1	BH3R DP3	DUP 3R3 (BH3R DP3)	Units
Depth (mbgs)	0.2 - 0.6	1.5 - 2.1	1.5 - 2.1	
Elevation (masl)	104.6 - 104.2	103.3 - 102.7	103.3 - 102.7	
Sampled Date	2026-02-26	2026-02-26	2026-02-26	
DDE	0.013	< 0.002	< 0.002	µg/g

Sample ID	BH201 SS1B	BH201 SS2	BH201 SS6	Units
Depth (mbgs)	0.2 - 0.6	0.8 - 1.4	4.6 - 5.2	
Elevation (masl)	104.5 - 104.1	104 - 103.4	100.2 - 99.5	
Sampled Date	2026-02-25	2026-02-25	2026-02-25	
DDE	0.78	0.014	< 0.002	µg/g

Sample ID	BH202-SS1	Units
Depth (mbgs)	0.3 - 0.8	
Elevation (masl)	105.2 - 104.7	
Sampled Date	2026-03-02	
DDE	0.0051	µg/g

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LEGEND

- PROPERTY BOUNDARY
- EXISTING BUILDING STRUCTURE
- CROSS SECTION LINE
- MONITORING WELL BY GROUNDED - LOCATION NOT TESTED
- SAMPLE MEETS STANDARD
- SAMPLE EXCEEDS STANDARD
- APPROXIMATE EXTENT OF CONTAMINATION

Note

Parameter	Units	O.Reg. 153/04 Table 3 RPI Coarse Soil SCS
DDE	µg/g	0.26

Reference

Survey Drawing ref no. 24-30-219-00-B
Dated July 29, 2024
Prepared by J.D. BARNES LIMITED.
Received on February 06, 2026.

Project

2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title

OC EXCEEDANCES IN SOIL - PLAN VIEW

North

TRUE
PROJECT

Date

OCTOBER 2026

Scale

0m 5m 10m

Job No

24-099

Figure No

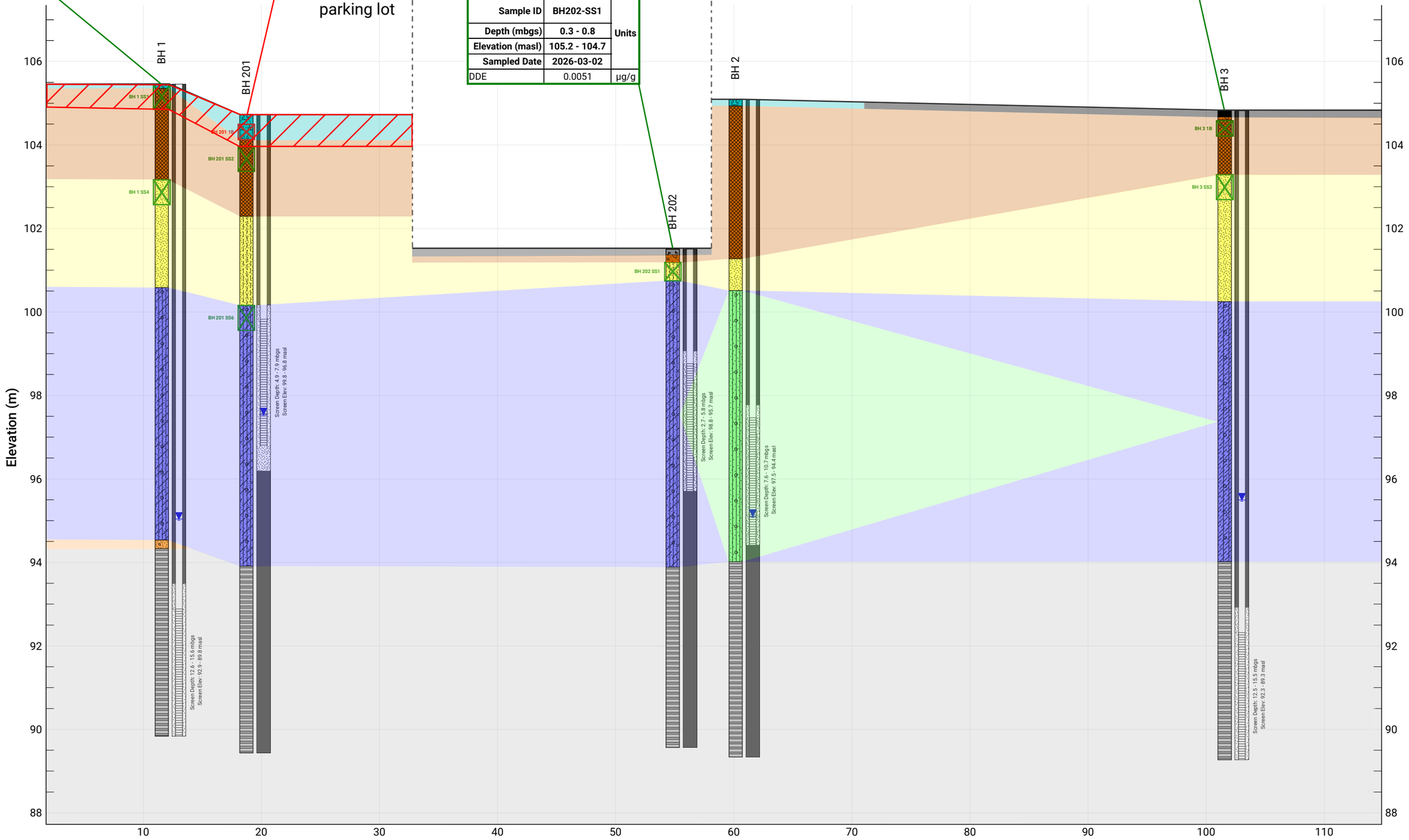
5

Sample ID	BH1R DP1	BH1R DP4	Units
Depth (mbgs)	0 - 0.6	2.3 - 2.9	
Elevation (masl)	105.5 - 104.8	103.2 - 102.6	
Sampled Date	2026-02-26	2026-02-26	
DDE	0.035	0.011	µg/g

Sample ID	BH201 SS1B	BH201 SS2	BH201 SS6	Units
Depth (mbgs)	0.2 - 0.6	0.8 - 1.4	4.6 - 5.2	
Elevation (masl)	104.5 - 104.1	104 - 103.4	100.2 - 99.5	
Sampled Date	2026-02-25	2026-02-25	2026-02-25	
DDE	**0.78**	0.014	< 0.002	µg/g

Sample ID	BH202-SS1	Units
Depth (mbgs)	0.3 - 0.8	
Elevation (masl)	105.2 - 104.7	
Sampled Date	2026-03-02	
DDE	0.0051	µg/g

Sample ID	BH3R DP1	BH3R DP3	DUP 3R3 (BH3R DP3)	Units
Depth (mbgs)	0.2 - 0.6	1.5 - 2.1	1.5 - 2.1	
Elevation (masl)	104.6 - 104.2	103.3 - 102.7	103.3 - 102.7	
Sampled Date	2026-02-26	2026-02-26	2026-02-26	
DDE	0.013	< 0.002	< 0.002	µg/g



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LEGEND

- GROUND SURFACE
- SURFICIAL MATERIALS
- TOPSOIL
- EARTH FILL
- SANDS
- COHESIONLES TILL
- COHESIVE TILL
- GEORGIAN BAY BEDROCK
- SOIL SAMPLE LOCATION MEETS STANDARD
- SOIL SAMPLE LOCATION EXCEEDS STANDARD
- APPROXIMATE EXTENT OF CONTAMINATION
- WATER LEVEL, STABILIZED

BOREHOLE STRATIGRAPHY LEGEND

Topsoil · Gravelly Sand · Aggregate · Fill · Bedrock (cored) · Clayey Silt Till · Sand · Sandy Silt Till · Silty Sand · Clayey Silt Till (sandy) · Asphalt · Concrete

Note

Parameter	Units	O.Reg. 153/04 Table 3 RPI Coarse Soil SCS
DDE	µg/g	0.26

Project

2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title

OC EXCEEDANCES IN SOIL - CROSS SECTION A-A'

North

TRUE
PROJECT

Date

OCTOBER 2026

Scale

0m 5m 10m

Job No

24-099

Figure No

6

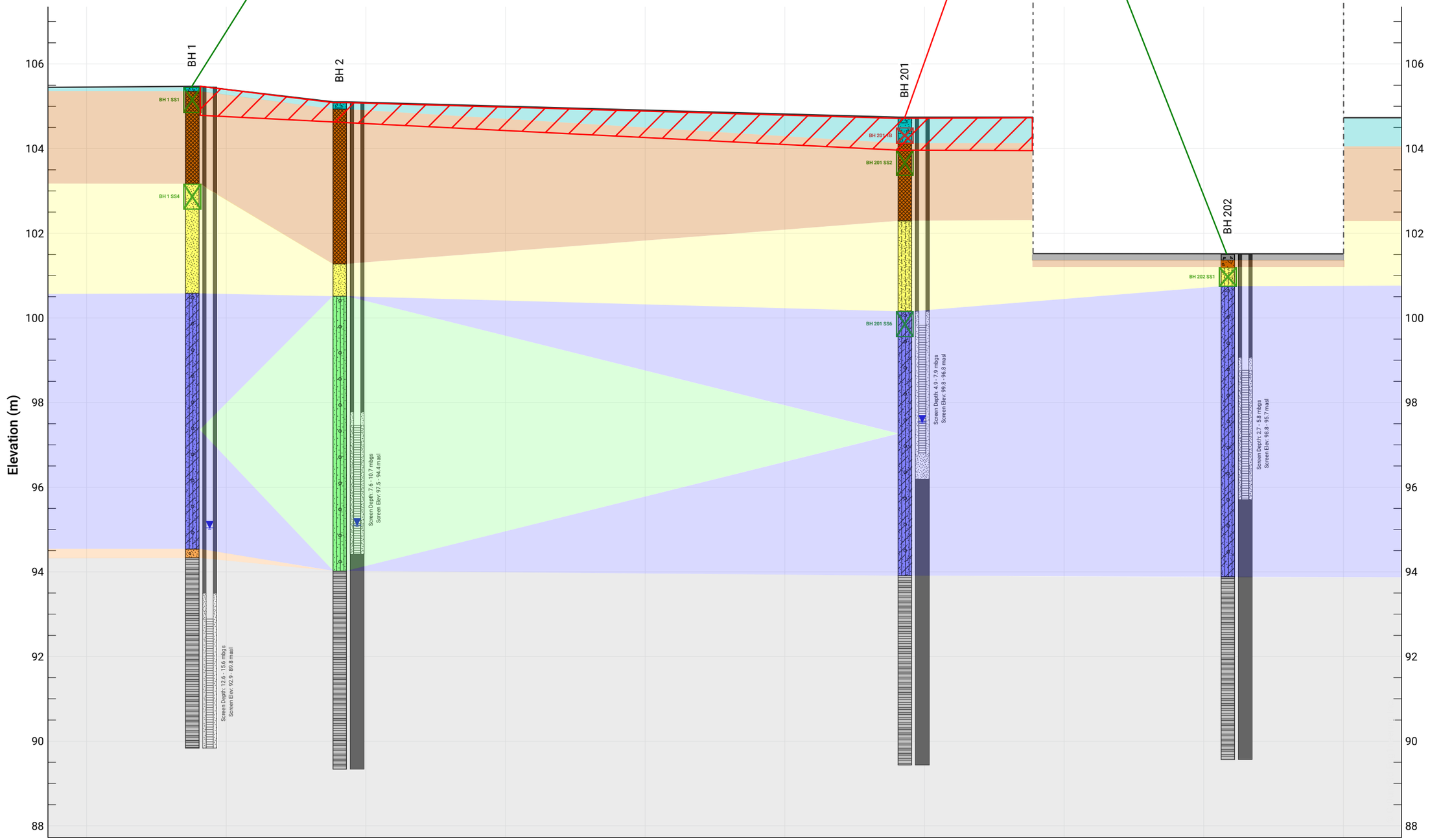
Sample ID	BH1R DP1	BH1R DP4	Units
Depth (mbgs)	0 - 0.6	2.3 - 2.9	
Elevation (masl)	105.5 - 104.8	103.2 - 102.6	
Sampled Date	2026-02-26	2026-02-26	
DDE	0.035	0.011	µg/g

Sample ID	BH201 SS1B	BH201 SS2	BH201 SS6	Units
Depth (mbgs)	0.2 - 0.6	0.8 - 1.4	4.6 - 5.2	
Elevation (masl)	104.5 - 104.1	104 - 103.4	100.2 - 99.5	
Sampled Date	2026-02-25	2026-02-25	2026-02-25	
DDE	0.78	0.014	< 0.002	µg/g

Sample ID	BH202-SS1	
Depth (mbgs)	0.3 - 0.8	Units
Elevation (masl)	105.2 - 104.7	
Sampled Date	2026-03-02	
DDE	0.0051	µg/g

North edge of underground parking lot

South edge of underground parking lot



GROUNDED ENGINEERING

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LEGEND

- GROUND SURFACE
- SURFICIAL MATERIALS
- TOPSOIL
- EARTH FILL
- SANDS
- COHESIONLES TILL
- COHESIVE TILL
- GEORGIAN BAY BEDROCK
- SOIL SAMPLE LOCATION MEETS STANDARD
- SOIL SAMPLE LOCATION EXCEEDS STANDARD
- APPROXIMATE EXTENT OF CONTAMINATION
- WATER LEVEL, STABILIZED

BOREHOLE STRATIGRAPHY LEGEND

Topsoil, Gravelly Sand, Aggregate, Fill, Bedrock (cored), Clayey Silt Till, Sand, Sandy Silt Till, Silty Sand, Clayey Silt Till (sandy), Asphalt, Concrete

Note

Parameter	Units	O.Reg. 153/04 Table 3 RPI Coarse Soil SCS
DDE	µg/g	0.26

Project

2233 HURONTARIO ST, MISSISSAUGA, ONTARIO

Figure Title

OC EXCEEDANCES IN SOIL - CROSS SECTION B-B'

North

TRUE
PROJECT

Date

OCTOBER 2026

Scale

0m 5m 10m

Job No

24-099

Figure No

7

TABLES



Table 1: Summary of Soil Quality Results
Metals, Hydride Forming Metals, Other Regulated Parameters
2233 Hurontario Street, Mississauga

Sample ID	O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)	Units	Maximum Concentration	Maximum Concentration Sample ID	BH1R DP1	BH1R DP4	BH2 SS1	BH2 SS7	BH3R DP1	BH3R DP4	BH201 SS3	BH201 SS6	DUP 216	BH202-SS2
Parent Sample													BH201 SS6	
Depth					0m - 0.6m	2.3m - 2.9m	0m - 0.6m	4.6m - 5.2m	0.2m - 0.6m	2.3m - 2.9m	1.5m - 2.1m	4.6m - 5.2m	4.6m - 5.2m	0.8m - 1.2m
Elevation					105.5 - 104.8	103.2 - 102.6	105.1 - 104.5	100.5 - 99.9	104.6 - 104.2	102.5 - 101.9	103.2 - 102.6	100.2 - 99.5	100.2 - 99.5	104.7 - 104.3
Lab Report No.					C620384	C620384	C4J8953	C4J8953	C620384	C620384	C620384	C620384	C620384	C621735
Sampled Date					2026-02-26	2026-02-26	2024-06-28	2024-06-28	2026-02-26	2026-02-26	2026-02-25	2026-02-25	2026-02-25	2026-03-02
Site Sensitivity (pH)														
pH (1:5 aqueous extract)	-	ph	8.05	DUP 216	7.83	7.67	7.6	7.82	7.94	8.02	7.76	7.71	8.05	7.82
Metals														
Barium	390	ug/g	110	BH202-SS2	11	7.7	15	53	31	6	18	52	42	110
Beryllium	4	ug/g	0.83	DUP 216	< 0.2	< 0.2	< 0.2	0.83	0.37	< 0.2	< 0.2	0.81	0.83	0.51
Boron (total)	120	ug/g	12	BH2 SS7	< 5	< 5	< 5	12	5.2	< 5	< 5	11	11	8
Cadmium	1.2	ug/g	< 0.1	BH2 SS1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chromium (total)	160	ug/g	23	BH2 SS7	8.8	11	8.6	23	12	5.1	9	23	23	20
Cobalt	22	ug/g	15	BH201 SS6	3.6	2.8	3	14	6.8	2.2	2.9	15	14	10
Copper	140	ug/g	28	DUP 216	12	5.2	8.4	26	20	5.5	7.8	27	28	22
Lead	120	ug/g	13	BH3R DP1	6.1	2.6	6.6	8.3	13	2.3	8.6	8	7.7	8
Molybdenum	6.9	ug/g	0.55	BH202-SS2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.55
Nickel	100	ug/g	31	BH2 SS7	6.5	4.8	6	31	13	3.9	5.6	30	30	21
Silver	20	ug/g	< 0.2	BH2 SS1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Thallium	1	ug/g	0.11	BH202-SS2	< 0.05	< 0.05	< 0.05	0.095	0.079	< 0.05	< 0.05	0.098	0.11	0.11
Uranium	23	ug/g	0.66	BH201 SS6	0.37	0.44	0.39	0.53	0.45	0.27	0.37	0.66	0.52	0.57
Vanadium	86	ug/g	36	BH1R DP4	21	36	21	29	22	12	21	29	28	27
Zinc	340	ug/g	70	BH2 SS7	17	10	19	70	40	9.2	28	68	65	50
Hydride-forming Metals														
Antimony	7.5	ug/g	< 0.2	BH2 SS1	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Arsenic	18	ug/g	5.3	DUP 216	2.7	< 1	2.1	5.3	3.6	< 1	1.7	5.3	5.3	3.3
Selenium	2.4	ug/g	< 0.5	BH2 SS1	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
ORPs - Other Regulated Parameters														
Boron (Hot Water Soluble)	1.5	ug/g	0.68	BH201 SS6	0.18	0.077	0.095	0.29	0.16	< 0.05	0.074	0.68	0.65	0.17
Chromium VI	8	ug/g	< 0.18	BH2 SS1	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18
Electrical Conductivity (Lab)	0.7	ms/cm	0.85	BH202-SS2	0.57	0.14	0.11	0.28	0.53	0.28	0.15	0.27	0.31	**0.85**
Mercury	0.27	ug/g	0.06	BH201 SS3	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05	< 0.05
Sodium Adsorption Ratio (SAR)	-	n/a	6.2	BH3R DP1	0.14	0.29	0.33	0.62	6.2	4.6	0.4	0.68	0.75	3.5
Cyanide Total	0.051	ug/g	< 0.01	BH2 SS1	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Scenarios:

Mixed	Indicates result exceeds for O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)
Shaded	Indicates a non-detect exceedance

Notes:

This table does not represent the full analytical results, please refer to the laboratory results for full details.

"-": No standard established.

Statistics:

* A Non Detect Multiplier of 1 has been applied.

Table 2: Summary of Soil Quality Results
Polycyclic Aromatic Hydrocarbons
2233 Hurontario Street, Mississauga

Sample ID	O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)	Units	Maximum Concentration	Maximum Concentration Sample ID	BH1R DP2	BH1R DP4	DUP1R4	BH2 SS1	BH2 SS7	BH3R DP2	BH3R DP4	BH201 SS1B	BH201 SS6	BH202-SS1
Parent Sample							BH1R DP4							
Depth					0.8m - 1m	2.3m - 2.9m	2.3m - 2.9m	0m - 0.6m	4.6m - 5.2m	0.8m - 1.4m	2.3m - 2.9m	0.2m - 0.6m	4.6m - 5.2m	0.3m - 0.8m
Elevation					104.7 - 104.5	103.2 - 102.6	103.2 - 102.6	105.1 - 104.5	100.5 - 99.9	104.1 - 103.4	102.5 - 101.9	104.5 - 104.1	100.2 - 99.5	105.2 - 104.7
Lab Report No.					C620384	C620384	C620384	C4J8953	C4J8953	C620384	C620384	C620384	C620384	C621735
Sampled Date					2026-02-26	2026-02-26	2026-02-26	2024-06-28	2024-06-28	2026-02-26	2026-02-26	2026-02-25	2026-02-25	2026-03-02
PAHs - Polycyclic Aromatic Hydrocarbons														
Acenaphthene	7.9	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005
Acenaphthylene	0.15	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005
Anthracene	0.67	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	0.0077	< 0.005
Benz[a]anthracene	0.5	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.0083	< 0.005	0.0054	< 0.005	< 0.05	< 0.005	< 0.005
Benzo[a]pyrene	0.3	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.0084	< 0.005	0.0068	< 0.005	< 0.05	< 0.005	< 0.005
Benzo[b]fluoranthene	0.78	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.011	< 0.005	0.01	< 0.005	< 0.05	< 0.005	< 0.005
Benzo[ghi]perylene	6.6	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.0051	< 0.005	0.0064	< 0.005	< 0.05	0.0062	< 0.005
Benzo[k]fluoranthene	0.78	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005
Chrysene	7	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.0084	0.0067	0.006	< 0.005	< 0.05	0.0078	< 0.005
Dibenz[a,h]anthracene	0.1	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005
Fluoranthene	0.69	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.013	< 0.005	0.0094	< 0.005	< 0.05	< 0.005	< 0.005
Fluorene	62	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	0.0069	< 0.005
Indeno[1,2,3-cd]pyrene	0.38	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0058	< 0.005	< 0.05	< 0.005	< 0.005
Methylnaphthalene, 2-(1-)	0.99	ug/g	< 0.07	BH201 SS1B	< 0.0071	< 0.0071	< 0.0071			< 0.0071	< 0.0071	< 0.071	0.014	< 0.0071
Methylnaphthalene, 1-	-	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	0.0073	< 0.005
Methlynaphthalene, 2-	-	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	0.0066	< 0.005
Naphthalene	0.6	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005
Phenanthrene	6.2	ug/g	< 0.05	BH201 SS1B	0.0078	< 0.005	< 0.005	0.0066	0.0074	0.0052	< 0.005	< 0.05	0.032	0.0066
Pyrene	78	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	0.012	< 0.005	0.0092	< 0.005	< 0.05	< 0.005	< 0.005

Scenarios:

Mixed	Indicates result exceeds for O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)
Shaded	Indicates a non-detect exceedance

Notes:

This table does not represent the full analytical results, please refer to the laboratory results for full details.

"-": No standard established.

Statistics:

* A Non Detect Multiplier of 1 has been applied.

Table 3: Summary of Soil Quality Results
Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene, Xylene
2233 Hurontario Street, Mississauga

Sample ID	O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)	Units	Maximum Concentration	Maximum Concentration Sample ID	BH1R DP2	BH1R DP7	BH2 SS6	BH2 SS8	BH3R DP2	BH3R DP5	DUP 3R5	BH201 SS2	BH201 SS5	BH201 SS8	BH202-SS3
Parent Sample											BH3R DP5				
Depth					0.8m - 1m	4.9m - 5.2m	4.6m - 5.2m	7.6m - 8.2m	0.8m - 1.4m	3m - 3.7m	3m - 3.7m	0.8m - 1.4m	3m - 3.7m	7.6m - 8.2m	1.2m - 1.8m
Elevation					104.7 - 104.5	100.6 - 100.3	100.2 - 99.5	97.1 - 96.5	104.1 - 103.4	101.8 - 101.2	101.8 - 101.2	104 - 103.4	101.7 - 101.1	97.1 - 96.5	104.3 - 103.7
Lab Report No.					C620384	C620384	C4J8953	C4J8953	C620384	C620384	C620384	C620384	C620384	C620384	C621735
Sampled Date					2026-02-26	2026-02-26	2024-06-28	2024-06-28	2026-02-26	2026-02-26	2026-02-26	2026-02-25	2026-02-25	2026-02-25	2026-03-02
BTEX - Benzene, Toluene, Ethylbenzene, Xylene															
Benzene	0.21	ug/g	< 0.02	BH201 SS5	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.02	< 0.006	< 0.006
Ethylbenzene	2	ug/g	< 0.02	BH201 SS5	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.02	< 0.01	< 0.01
Toluene	2.3	ug/g	< 0.02	BH1R DP7	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Xylene Mixture	3.1	ug/g	< 0.04	BH201 SS5	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.04	< 0.02	< 0.02
Xylene (m & p)	-	ug/g	< 0.04	BH201 SS5	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.04	< 0.02	< 0.02
Xylene, o-	-	ug/g	< 0.02	BH1R DP7	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
PHCs - Petroleum Hydrocarbons															
Petroleum Hydrocarbons F1-BTEX	-	ug/g	< 10	BH2 SS6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10
Petroleum Hydrocarbons F1	55	ug/g	< 10	BH2 SS6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10		< 10
Petroleum Hydrocarbons F2	98	ug/g	29	BH2 SS8	< 7	18	< 10	29	< 7	< 7	< 7	< 7	< 7		< 7
Petroleum Hydrocarbons F3	300	ug/g	87	BH2 SS8	< 50	61	< 50	87	< 50	< 50	< 50	< 50	< 50		< 50
Reached Baseline at C50	-	n/a	1	BH1R DP2	YES	YES	NO	NO	YES	YES	YES	YES	YES	NO	YES
Petroleum Hydrocarbons F4	2,800	ug/g	< 50	BH2 SS6	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50		< 50

Scenarios:

Mixed	Indicates result exceeds for O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)
Shaded	Indicates a non-detect exceedance

Notes:

This table does not represent the full analytical results, please refer to the laboratory results for full details.

"-": No standard established.

Statistics:

* A Non Detect Multiplier of 1 has been applied.

Table 4: Summary of Soil Quality Results
Volatile Organic Compounds
2233 Hurontario Street, Mississauga

Sample ID	O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)	Units	Maximum Concentration	Maximum Concentration Sample ID	BH1R DP2	BH1R DP7	BH2 SS6	BH2 SS8	BH3R DP2	BH3R DP5	DUP 3R5	BH201 SS2	BH201 SS8	BH202-SS3
Parent Sample											BH3R DP5			
Depth					0.8m - 1m	4.9m - 5.2m	4.6m - 5.2m	7.6m - 8.2m	0.8m - 1.4m	3m - 3.7m	3m - 3.7m	0.8m - 1.4m	7.6m - 8.2m	1.2m - 1.8m
Elevation					104.7 - 104.5	100.6 - 100.3	100.2 - 99.5	97.1 - 96.5	104.1 - 103.4	101.8 - 101.2	101.8 - 101.2	104 - 103.4	97.1 - 96.5	104.3 - 103.7
Lab Report No.					C620384	C620384	C4J8953	C4J8953	C620384	C620384	C620384	C620384	C620384	C621735
Sampled Date					2026-02-26	2026-02-26	2024-06-28	2024-06-28	2026-02-26	2026-02-26	2026-02-26	2026-02-25	2026-02-25	2026-03-02
THMs - Trihalomethanes														
Bromodichloromethane	13	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Bromoform	0.27	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Chloroform	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dibromochloromethane	9.4	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
VOCs - Volatile Organic Compounds														
Acetone	16	ug/g	< 0.49	BH1R DP2	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49
Carbon Tetrachloride	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Chlorobenzene	2.4	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichlorobenzene, 1,2-	3.4	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichlorobenzene, 1,3-	4.8	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichlorobenzene, 1,4-	0.083	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichlorodifluoromethane	16	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichloroethane, 1,1-	3.5	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichloroethane, 1,2-	0.05	ug/g	< 0.05	BH1R DP2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Dichloroethylene, 1,1-	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichloroethylene, 1,2-cis-	3.4	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichloroethylene, 1,2-trans-	0.084	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichloropropane, 1,2-	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Dichloropropene, 1,3-	0.05	ug/g	< 0.05	BH1R DP2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dichloropropylene, cis-1,3-	-	ug/g	< 0.03	BH1R DP2	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Dichloropropylene, trans-1,3-	-	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Ethylene dibromide	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Hexane (n)	2.8	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Methyl Ethyl Ketone	16	ug/g	< 0.4	BH1R DP2	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Methyl Isobutyl Ketone	1.7	ug/g	< 0.4	BH1R DP2	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
Methyl tert-Butyl Ether (MTBE)	0.75	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Methylene Chloride	0.1	ug/g	< 0.05	BH1R DP2	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049	< 0.049
Styrene	0.7	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Tetrachloroethane, 1,1,1,2-	0.058	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Tetrachloroethane, 1,1,2,2-	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Tetrachloroethylene	0.28	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Trichloroethane, 1,1,1-	0.38	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Trichloroethane, 1,1,2-	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Trichloroethylene	0.061	ug/g	< 0.01	BH1R DP2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Trichlorofluoromethane	4	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04
Vinyl chloride	0.02	ug/g	< 0.02	BH1R DP2	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019	< 0.019
VOCs - Volatile Organic Compounds (VOC III)														
Bromomethane	0.05	ug/g	< 0.04	BH1R DP2	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04

Scenarios:

Mixed	Indicates result exceeds for O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)
Shaded	Indicates a non-detect exceedance

Notes:

This table does not represent the full analytical results, please refer to the laboratory results for full details.

"-": No standard established.

Statistics:

* A Non Detect Multiplier of 1 has been applied.

Table 5: Summary of Soil Quality Results
Organochlorine Pesticides
2233 Hurontario Street, Mississauga

Sample ID	O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)	Units	Maximum Concentration	Maximum Concentration Sample ID	BH1R DP1	BH1R DP4	BH3R DP1	BH3R DP3	DUP 3R3	BH201 SS1B	BH201 SS2	BH201 SS6	BH202-SS1
Parent Sample									BH3R DP3				
Depth					0m - 0.6m	2.3m - 2.9m	0.2m - 0.6m	1.5m - 2.1m	1.5m - 2.1m	0.2m - 0.6m	0.8m - 1.4m	4.6m - 5.2m	0.3m - 0.8m
Elevation					105.5 - 104.8	103.2 - 102.6	104.6 - 104.2	103.3 - 102.7	103.3 - 102.7	104.5 - 104.1	104 - 103.4	100.2 - 99.5	105.2 - 104.7
Lab Report No.					C620384	C620384	C620384	C620384	C620384	C620384	C620384	C620384	C621735
Sampled Date					2026-02-26	2026-02-26	2026-02-26	2026-02-26	2026-02-26	2026-02-25	2026-02-25	2026-02-25	2026-03-02
PCBs - Polychlorinated Biphenyls													
Arochlor 1242	-	ug/g	< 0.15	BH201 SS1B	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.15	< 0.015	< 0.015	< 0.02
Arochlor 1248	-	ug/g	< 0.15	BH201 SS1B	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.15	< 0.015	< 0.015	< 0.02
Arochlor 1254	-	ug/g	< 0.15	BH201 SS1B	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.15	< 0.015	< 0.015	< 0.02
Arochlor 1260	-	ug/g	< 0.15	BH201 SS1B	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.15	< 0.015	< 0.015	< 0.02
Polychlorinated Biphenyls	0.35	ug/g	< 0.15	BH201 SS1B	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.15	< 0.015	< 0.015	< 0.02
OCs - Organochlorine Pesticides													
Aldrin	0.05	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Chlordane	0.05	ug/g	< 0.02	BH201 SS1B	< 0.002	0.0026	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Chlordane, a-	-	ug/g	< 0.02	BH201 SS1B	< 0.002	0.0026	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Chlordane, g-	-	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
DDD	3.3	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
DDD	3.3	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
DDD, op-	-	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
DDE	0.26	ug/g	0.78	BH201 SS1B	0.035	0.011	0.013	< 0.002	< 0.002	**0.78**	0.014	< 0.002	0.0051
DDE, op-	-	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
DDE, pp-	-	ug/g	0.78	BH201 SS1B	0.035	0.011	0.013	< 0.002	< 0.002	0.78	0.014	< 0.002	0.0051
DDT	1.4	ug/g	0.15	BH201 SS1B	0.012	0.0097	0.0033	< 0.002	< 0.002	0.15	0.0049	< 0.002	< 0.002
DDT, op-	-	ug/g	0.03	BH201 SS1B	0.003	0.0029	< 0.002	< 0.002	< 0.002	0.025	< 0.002	< 0.002	< 0.002
DDT, pp-	-	ug/g	0.13	BH201 SS1B	0.0088	0.0068	0.0033	< 0.002	< 0.002	0.13	0.0049	< 0.002	< 0.002
Dieldrin	0.05	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Endosulfan	0.04	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Endosulfan I	-	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Endosulfan II	-	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Endrin	0.04	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Heptachlor	0.15	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Heptachlor Epoxide	0.05	ug/g	< 0.02	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.02	< 0.002	< 0.002	< 0.002
Hexachlorobenzene	0.52	ug/g	< 0.01	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.002	< 0.002	< 0.002
Hexachlorobutadiene	0.012	ug/g	< 0.01	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.002	< 0.002	< 0.002
Hexachlorocyclohexane, gamma-	-	ug/g	< 0.01	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.002	< 0.002	< 0.002
Hexachloroethane	0.089	ug/g	< 0.01	BH201 SS1B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.01	< 0.002	< 0.002	< 0.002
Methoxychlor	0.13	ug/g	< 0.05	BH201 SS1B	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.05	< 0.005	< 0.005	< 0.005

Scenarios:

Mixed	Indicates result exceeds for O.Reg. 153/04 Table 3 SCS RPI Coarse Soil standards (other than sediment)
Shaded	Indicates a non-detect exceedance

Notes:

This table does not represent the full analytical results, please refer to the laboratory results for full details.

"-": No standard established.

Statistics:

* A Non Detect Multiplier of 1 has been applied.

APPENDIX A



GROUNDED ENGINEERING

Date Started : Jun 26, 2024
Position : E: 612593, N: 4825406 (UTM 17T)
Elev. Datum : Geodetic

BOREHOLE LOG 1

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

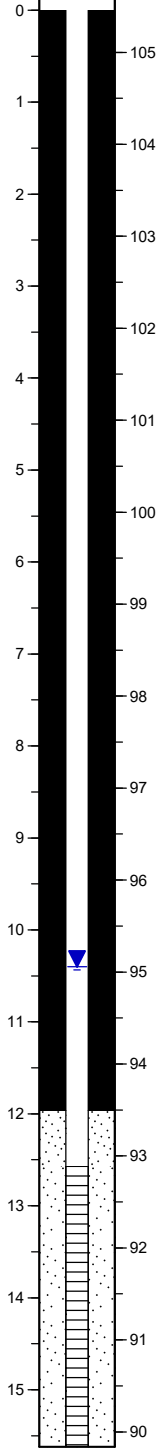
drill method : CME 75

elev depth (m)	description	graphic log	number	type	SPT N-value
105.5	**GROUND SURFACE**				
	100mm **TOPSOIL**		1	SS	8
	FILL, silty sand, trace clay, trace gravel, trace rootlets, loose to compact, brown, moist		2A	SS	24
	...at 1.0 m, trace wood fragments		2B		
	...at 1.5 m, trace cinder, light brown and dark brown		3	SS	9
103.2					
2.3	**SAND**, trace to some silt, trace clay, dense, brown, moist		4	SS	42
	...at 3.0 m, silty sand, greyish brown		5	SS	33
	...at 3.8 m, wet		6	SS	35
	...at 4.6 m, compact, grey		7A	SS	25
100.6			7B		
4.9	**SANDY SILT**, clayey, trace to some gravel, very stiff to hard, grey, moist (GLACIAL TILL)		8	SS	30
			9	SS	38
			10	SS	71 / 250mm
			1	RUN	
			2	RUN	
			3	RUN	
94.6					
10.9	**GRAVELLY SAND**, trace silt, trace clay, very dense, grey, wet		11	SS	50 / 50mm
94.4					
11.1	**GEORGIAN BAY FORMATION** (See rock core log for details)		4	RUN	
			5	RUN	
			6	RUN	
89.9					
15.6	**END OF BOREHOLE**				

hollow stem augers OD=215 mm

rock coring (HQ) OD=96 mm

depth scale (m) | well details | elevation (m)

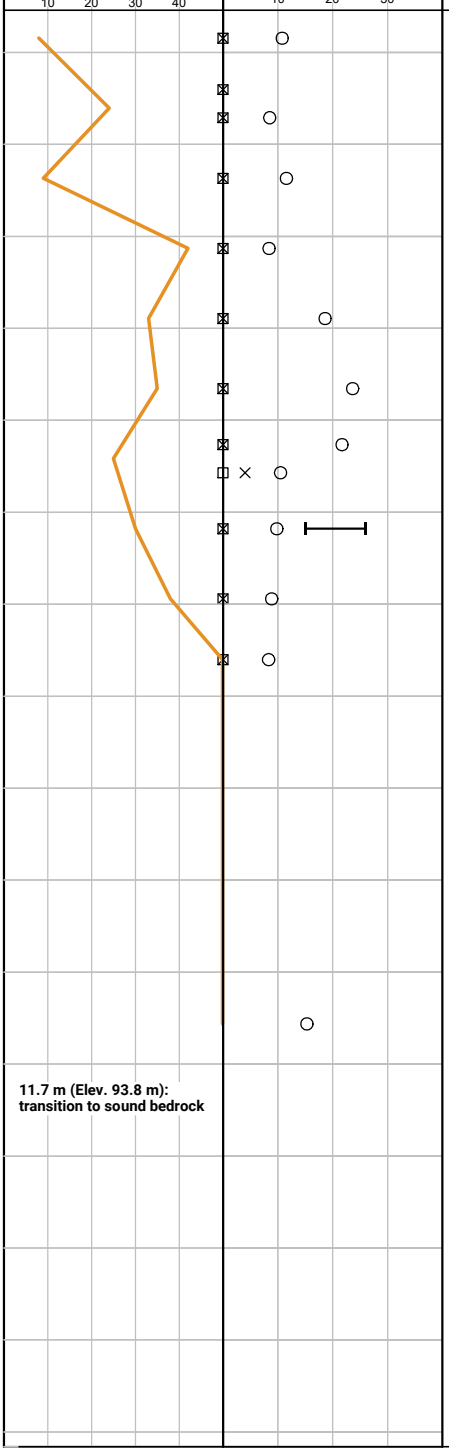


undrained shear strength (kPa)
■ unconfined + field vane
● pocket penetrometer ○ Lab Vane
40 80 120 160

SPT N-values (bpf)
× dynamic cone
10 20 30 40

headspace vapour (ppm)
× hexane □ isobutylene
△ methane
100 200 300

moisture / plasticity
PL MC LL
10 20 30



11.7 m (Elev. 93.8 m): transition to sound bedrock

unstabilized water level

lab data and comments

grain size distribution (%) (MIT)
GR SA SI CL

SS1: H-Ms, Metals, ORPs, PCBs, OCs

2A: BTEX, PAHs, PHCs, VOCs

SS4: H-Ms, Metals, ORPs, PAHs, PCBs, OCs
0 73 23 4

7B: BTEX, PHCs, VOCs
13 28 37 22

6.9m: split-spoon sampler refusal, cobble/boulder inferred, started coring to penetrate through obstruction

Borehole was filled with drill water upon completion of drilling.

50 mm dia. monitoring well installed.
No. 10 screen

GROUNDWATER LEVELS

date	depth (m)	elevation (m)
Jul 4, 2024	6.1	99.4
Jul 12, 2024	6.0	99.5
Mar 4, 2026	10.5	95.0
Apr 1, 2026	10.4	95.1

file: 24-099 gint.gpj

Tech : IH | **PM** : JAW/VT | **Rev** : NN

GROUNDED ENGINEERING

Date Started : Jun 26, 2024
Position : E: 612593, N: 4825406 (UTM 17T)
Elev. Datum : Geodetic

ROCK CORE LOG 1

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

depth (m)	stratigraphy	Run	elev depth (m)	recovery	elevation (m)	shale weathering zones	UCS (MPa) / estimated strength	natural fracture frequency	laboratory testing	notes and comments	elevation (m)
	Rock coring started at 7.0m below grade		**98.5**			Z1 Z2 Z3 Z4	R1 R2 R3 R4 R5 R6				
8	**SANDY SILT**, clayey, trace to some gravel, very stiff to hard, grey, moist (GLACIAL TILL)		7.0		98						98
		R1	97.3	TCR = **93%**							
9			8.2		97						97
		R2	95.9	TCR = **98%**							
10			9.6		96						96
		R3	94.4	TCR = **0%**	95					**9.6 / 95.9 - 10.9 / 94.5m:** core loss (no recovery)	95
11	**GRAVELLY SAND**, trace silt, trace clay, very dense, grey, wet		11.1								
	GEORGIAN BAY FORMATION **Shale**, dark grey, laminated to thinly bedded, weak; joints are horizontal, gapped, clean to unaltered;	R4	92.9	TCR = **100%** SCR = **83%** RQD = **45%**	94			2+RZ 3+WZ 1 4 4		**11.1 / 94.3 - 11.3 / 94.2m:** rubbilized zone **11.4 / 94.1m:** 75mm weathered zone **11.5 / 94.0m:** 25mm FC SV PR S GA CN **11.6 / 93.8m:** 13mm IS clay	94
12	interbedded with **limestone**, light grey, laminated to thinly bedded, strong				93						93
13	*Overall shale: 92%, limestone: 8%* **... at 11.7 m (Elev. 93.8 m), transition to sound rock**		12.6					4+WZ 4		**12.9 / 92.6m:** 38mm IS clay **12.9 / 92.6 - 13.0 / 92.5m:** weathered zone	
		R5	91.4	TCR = **100%** SCR = **95%** RQD = **63%**	92			1 2 3	**El. 91.8m**: UCS = 12.1 MPa E = 2.90 GPa γ = 25.4 kN/m^3	**13.1 / 92.4m:** 25mm IS clay **13.9 / 91.6m:** 25mm weathered zone	92
14	Run 4 : 8% limestone 92% shale		14.1							**14.0 / 91.5m:** 38mm rubbilized zone	
	Run 5 : 6% limestone 94% shale	R6	89.9	TCR = **100%** SCR = **100%** RQD = **77%**	91			2 2 2 1			91
15	Run 6 : 8% limestone 92% shale				90					**15.5 / 90.0m:** 25mm FC SV PR S T CN	90
			15.6m								
	END OF COREHOLE										

file: 24-099 gint.gpj

Tech : IH | **PM** : JAW/VT | **Rev** : NN

GROUNDED ENGINEERING

Date Started : Jun 27, 2024
Position : E: 612614, N: 4825451 (UTM 17T)
Elev. Datum : Geodetic

BOREHOLE LOG 2

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

drill method : CME 75

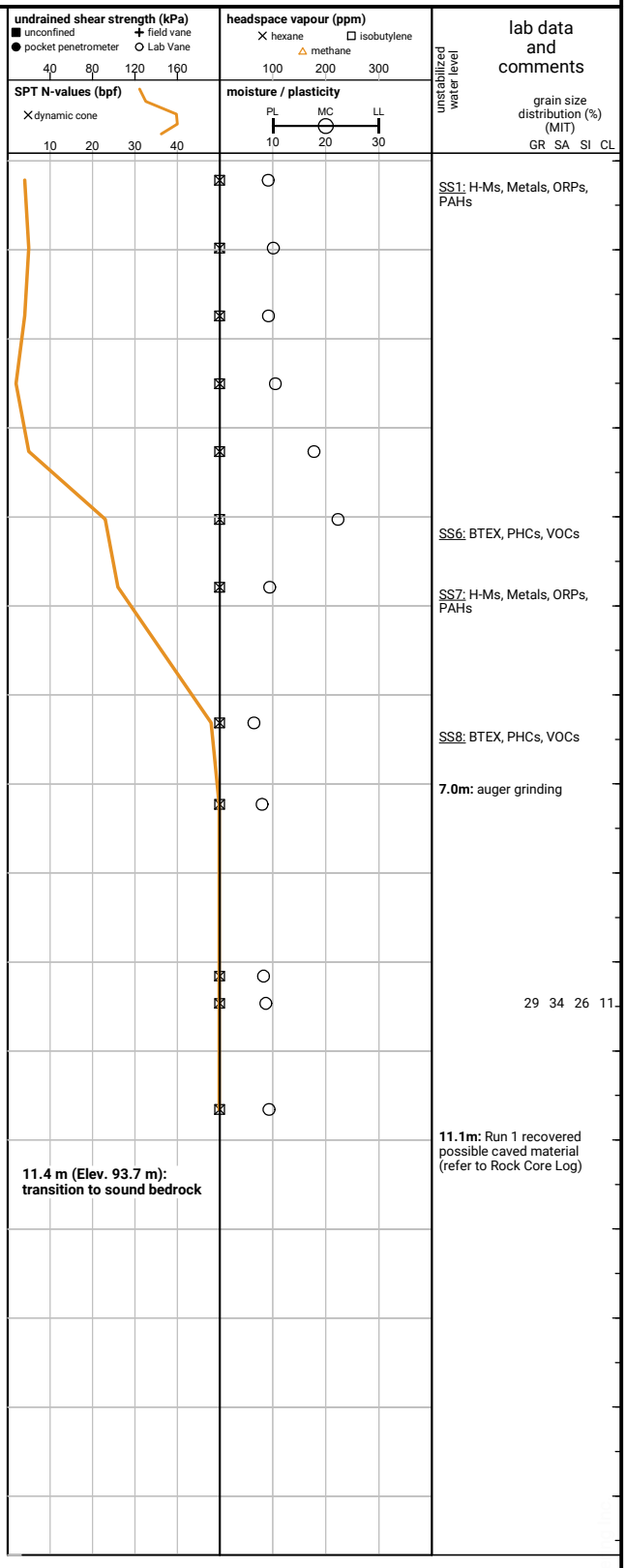
elev depth (m)	description	graphic log	number	type	SPT N-value
105.1	**GROUND SURFACE**				
	150mm **TOPSOIL**		1	SS	4
	FILL, silty sand, trace clay, trace gravel, trace rootlets, very loose to loose, dark brown and light brown, moist		2	SS	5
	...at 1.5 m, trace rock fragments		3	SS	4
	...at 2.3 m, trace wood fragments		4	SS	2
	...at 3.0 m, greyish brown		5	SS	5
101.3					
3.8	**SAND**, trace silt, trace clay, compact, greyish brown, wet		6	SS	23
100.5					
4.6	**SANDY SILT**, some clay, trace gravel, compact to dense, grey, moist (GLACIAL TILL)		7	SS	26
	...at 6.1 m, trace clay		8	SS	48
	...at 7.0 m, very dense below		9	SS	52
	...at 9.1 m, gravelly sand, silty, some clay, trace rock fragments, grey with orange, moist, very dense		10A 10B	SS	71
	...at 10.7 m, trace shale fragments		11	SS	82 / 250mm
94.0					
11.1	**GEORGIAN BAY FORMATION** (See rock core log for details)		2	RUN	
			3	RUN	
			4	RUN	
89.4					
15.7	**END OF BOREHOLE**				

hollow stem augers OD=215 mm

rock coring (HQ) OD=96 mm

Borehole was filled with drill water upon completion of drilling.

50 mm dia. monitoring well installed.
No. 10 screen



GROUNDWATER LEVELS

date	depth (m)	elevation (m)
Jul 4, 2024	4.4	100.7
Jul 12, 2024	5.6	99.5
Mar 4, 2026	10.0	95.1
Apr 1, 2026	10.1	95.0

file: 24-099 gint.gpj

GROUNDED ENGINEERING

Date Started : Jun 27, 2024
Position : E: 612614, N: 4825451 (UTM 17T)
Elev. Datum : Geodetic

ROCK CORE LOG 2

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

depth (m)	graphic log	stratigraphy	Run elev / depth (m)	recovery	elevation (m)	shale weathering zones (Z1 Z2 Z3 Z4)	UCS (MPa) ● 5 25 50 100 250 / estimated strength (R1 R2 R3 R4 R5 R6)	natural fracture frequency	laboratory testing	notes and comments	elevation (m)
		Rock coring started at 10.6m below grade	**94.5**								
11		**SANDY SILT**, some clay, trace gravel, compact to dense, grey, moist (GLACIAL TILL)	10.6 R1	TCR = **45%** SCR = **0%** RQD = **0%**	94			3+RZ		**10.6 / 94.5 - 10.9 / 94.1m:** possible caved material	94
		GEORGIAN BAY FORMATION **Shale**, dark grey, laminated to thinly bedded, weak; joints are horizontal, closed to gapped, clean to unaltered;	11.1 R2	TCR = **100%** SCR = **89%** RQD = **58%**				2		**10.9 / 94.1 - 11.1 / 94.0m:** core loss (no recovery)	
12		interbedded with **limestone**, light grey, laminated to thinly bedded, strong	92.5		93			4		**11.3 / 93.8 - 11.4 / 93.7m:** rubbilized zone	
								2		**12.0 / 93.1 - 12.0 / 93.0m:** 25mm rubbilized zone	93
								5		**12.6 / 92.4 - 12.7 / 92.4m:** 75mm rubbilized zone	
13		*Overall shale: 90%, limestone: 10%* **... at 11.4 m (Elev. 93.7 m), transition to sound rock**	12.6 R3	TCR = **100%** SCR = **95%** RQD = **52%**	92			3+RZ			92
								4			
								3			
								0			
14		Run 2 : 8% limestone 92% shale	90.9		91			3			91
			14.2					4	**El. 90.8m**: UCS = 17 MPa E = 3.00 GPa γ = 25.7 kN/m³		
								1			
15		Run 3 : 13% limestone 87% shale	R4	TCR = **100%** SCR = **100%** RQD = **78%**	90			2			90
								1			
		Run 4 : 11% limestone 89% shale	89.4					3			
			15.7m								

END OF COREHOLE

file: 24-099 gint.gpj

Tech : IH | **PM** : JAW/VT | **Rev** : NN

BOREHOLE LOG 3

Date Started : Jun 27, 2024
Position : E: 612652, N: 4825476 (UTM 17T)
Elev. Datum : Geodetic

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

drill method : CME 75

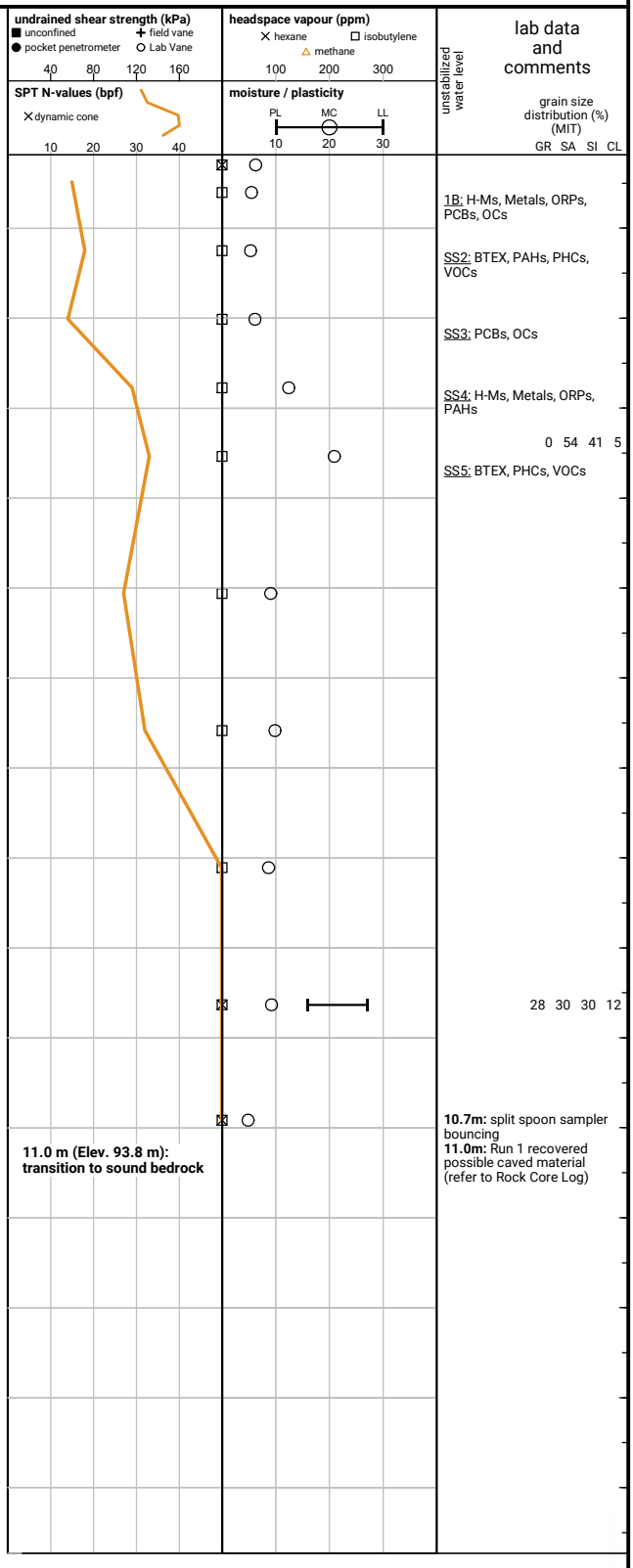
hollow stem augers OD=215 mm

rock coring (HQ) OD=96 mm

elev depth (m)	description	graphic log	number	type	SPT N-value
104.8	**GROUND SURFACE**				
	140mm **ASPHALT**		1A	SS	15
	125mm **AGGREGATE**		1B		
	FILL, sand, trace to some silt, trace gravel, trace asphalt, compact, brown with orange, moist		2	SS	18
103.3	...at 0.8 m, orangey brown				
1.5	**SAND**, trace to some silt, trace clay, compact to dense, brown, moist		3	SS	14
			4	SS	29
	...at 3.0 m, sand and silt, trace clay, grey, wet		5	SS	33
100.2					
4.6	**CLAYEY SILT**, sandy, trace gravel, very stiff to hard, grey (GLACIAL TILL)		6	SS	27
			7	SS	32
	...at 7.6 m, sandy silt, trace clay, very dense, grey, moist		8	SS	57
	...at 9.1 m, sandy silt, gravelly, some clay, very dense, grey, moist		9	SS	61
94.0					
10.8	...at 10.7 m, weathered shale, very dense, grey, moist		10	SS	50 / 125mm
	GEORGIAN BAY FORMATION (See rock core log for details)		2	RUN	
			3	RUN	
			4	RUN	
89.3					
15.5	**END OF BOREHOLE**				

Borehole was filled with drill water upon completion of drilling.

50 mm dia. monitoring well installed.
No. 10 screen



GROUNDWATER LEVELS

date	depth (m)	elevation (m)
Jul 4, 2024	5.6	99.2
Jul 12, 2024	5.5	99.3
Mar 4, 2026	9.4	95.4
Apr 1, 2026	9.4	95.4

file: 24-099 gint.gpj

Tech : IH | **PM** : JAW/VT | **Rev** : NN

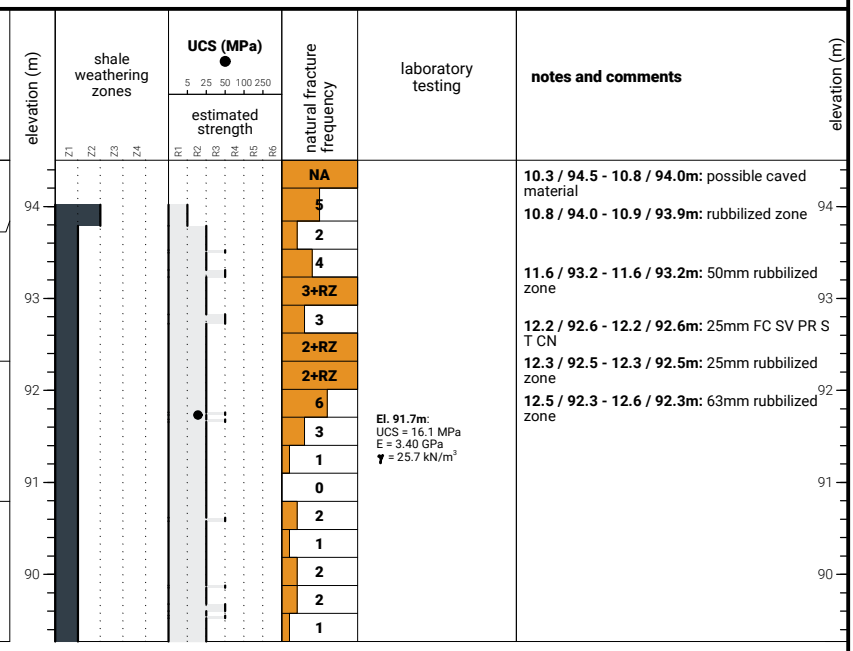
GROUNDED ENGINEERING

Date Started : Jun 27, 2024
Position : E: 612652, N: 4825476 (UTM 17T)
Elev. Datum : Geodetic

ROCK CORE LOG 3

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

depth (m)	stratigraphy	Run elev / depth (m)	recovery
	Rock coring started at 10.3m below grade	**94.5**	
	CLAYEY SILT, sandy, trace gravel, very stiff to hard, grey (GLACIAL TILL)	10.3 R1 93.8	TCR = **92%** SCR = **19%** RQD = **0%**
11	**GEORGIAN BAY FORMATION** **Shale**, dark grey, laminated to thinly bedded, weak; joints are horizontal, closed to gapped, clean to unaltered;	11.0 R2 92.3	TCR = **100%** SCR = **93%** RQD = **65%**
12	interbedded with **limestone**, light grey, laminated to thinly bedded, strong		
13	*Overall shale: 91%, limestone: 9%* **... at 11.0 m (Elev. 93.8 m), transition to sound rock** Run 1 : 4% limestone 96% shale	12.5 R3 90.8	TCR = **98%** SCR = **95%** RQD = **73%**
14	Run 2 : 13% limestone 87% shale	14.0 R4 89.3	TCR = **100%** SCR = **100%** RQD = **85%**
15	Run 3 : 3% limestone 97% shale Run 4 : 9% limestone 91% shale		
	END OF COREHOLE	**15.5m**	



laboratory testing

El. 91.7m:
UCS = 16.1 MPa
E = 3.40 GPa
γ = 25.7 kN/m^3

notes and comments

10.3 / 94.5 - 10.8 / 94.0m: possible caved material

10.8 / 94.0 - 10.9 / 93.9m: rubbilized zone

11.6 / 93.2 - 11.6 / 93.2m: 50mm rubbilized zone

12.2 / 92.6 - 12.2 / 92.6m: 25mm FC SV PR S T CN

12.3 / 92.5 - 12.3 / 92.5m: 25mm rubbilized zone

12.5 / 92.3 - 12.6 / 92.3m: 63mm rubbilized zone

file: 24-099 gint.gpj

Tech : IH | **PM** : JAW/VT | **Rev** : NN

GROUNDED ENGINEERING

Date Started : Feb 25, 2026
Position : E: 612618, N: 4825400 (UTM 17T)
Elev. Datum : Geodetic

BOREHOLE LOG 201

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

drill method : Geoprobe	elev depth (m)	description	graphic log	number	type	SPT N-value
	104.7	**GROUND SURFACE**				
hollow stem augers OD=215 mm		610mm **TOPSOIL**		1A / 1B	SS	18
	104.1 / 0.6	**FILL**, sand, trace silt, trace gravel, loose, brown, moist		2	SS	10
				3	SS	7
	102.3 / 2.4	...at 2.3 m, some silt, trace clay, trace rootlets		4A / 4B	SS	27
		SILTY SAND, trace clay, compact to dense, brown, moist ...at 3.0 m, wet		5	SS	45
	100.1 / 4.6	**SANDY SILT**, clayey, trace gravel, trace rock fragments, very stiff to compact, grey, moist (GLACIAL TILL)		6	SS	25
mud rotary med OD=125 mm		...at 6.1 m, some rock fragments		7	SS	50 / 125mm
		...at 7.6 m, trace rock fragments		8	SS	41
				9	SS	84
	93.9 / 10.8	...at 10.7 m, some rock fragments, shale		10	SS	50 / 25mm
		GEORGIAN BAY FORMATION (See rock core log for details)		1	RUN	
Rock coring (HQ) OD=96 mm				2	RUN	
				3	RUN	
	89.4 / 15.3					

depth scale (m): 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
elevation (m): 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90

undrained shear strength (kPa)
■ unconfined + field vane
● pocket penetrometer ○ Lab Vane
40 80 120 160

SPT N-values (bpf)
× dynamic cone
10 20 30 40

headspace vapour (ppm)
× hexane □ isobutylene
△ methane
100 200 300

moisture / plasticity
PL MC LL
10 20 30

unstabilized water level

lab data and comments

grain size distribution (%) (MIT)
GR SA SI CL

1B: PAHs, PCBs, OCs

SS2: BTEX, PCBs, OCs, PHCs, VOCs

SS3: H-Ms, Metals, ORPs

0 62 33 5

SS5: BTEX, PHCs

SS6: H-Ms, Metals, ORPs, PAHs, PCBs, OCs

6.9m: audible grinding

12 30 37 21

SS8: VOCs

10.7m: spoon bouncing

11.7 m (Elev. 93.0 m): transition to sound bedrock

END OF BOREHOLE

Borehole was filled with drill water upon completion of drilling.

50 mm dia. monitoring well installed.
No. 10 screen

GROUNDWATER LEVELS

date	depth (m)	elevation (m)
Mar 4, 2026	7.2	97.5
Apr 1, 2026	7.7	97.0

file: 24-099 gint.gpj

Tech : AJ | **PM** : RS | **Rev** : NN

GROUNDED ENGINEERING

Date Started : Feb 25, 2026
Position : E: 612618, N: 4825400 (UTM 17T)
Elev. Datum : Geodetic

ROCK CORE LOG 201

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

Rock coring started at 10.8m below grade

GEORGIAN BAY FORMATION
Shale, dark grey, laminated to thinly bedded, weak; joints are horizontal, closed to gapped, clean to unaltered;

interbedded with **limestone**, light grey, laminated to thinly bedded, strong

Overall shale: 93%, limestone: 7%
... at 11.7 m (Elev. 93.0 m), transition to sound rock

Run 1 : 4% limestone, 96% shale

Run 2 : 4% limestone, 96% shale

Run 3 : 13% limestone, 87% shale

Run	elev / depth (m)	recovery
	93.9 / 10.8	
R1	92.5 / 12.2	TCR = **70%** SCR = **39%** RQD = **26%**
R2	91.0 / 13.7	TCR = **100%** SCR = **97%** RQD = **66%**
R3	89.4 / **15.3m**	TCR = **100%** SCR = **98%** RQD = **79%**

END OF COREHOLE

elevation (m)	natural fracture frequency	notes and comments
	WZ	**10.8 / 93.9 - 11.0 / 93.7m:** rubbilized zone
	RZ	**11.0 / 93.7 - 11.1 / 93.6m:** weathered zone
	WZ	**11.1 / 93.6 - 11.6 / 93.1m:** lost core
93	WZ	
	4	**11.9 / 92.8m:** JT clay
	3	**12.1 / 92.6 - 12.1 / 92.6m:** IS clay
	1	**12.2 / 92.5 - 12.2 / 92.5m:** UN GA Cl; VF
92	5	
	2	
	2	
91	2	**13.7 / 91.0 - 13.8 / 91.0m:** weathered zone
	3	
	2	
90	3	
	2	**15.1 / 89.6 - 15.2 / 89.6m:** rubbilized zone

file: 24-099 gint.gpj

Tech : AJ | **PM** : RS | **Rev** : NN

BOREHOLE LOG 202

Date Started : Mar 2, 2026
Position : E: 612640, N: 4825429 (UTM 17T)
Elev. Datum : Geodetic

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

drill method : Hilti DD350

elev depth (m)	description	graphic log	number	type	SPT N-value
101.5	**TOP OF SLAB**				
101.2 / 0.3	165mm **CONCRETE**				
100.7 / 0.8	140mm **AGGREGATE**		1	SS	9
	SILTY SAND, loose, brown, moist		2	SS	17
	SANDY SILT, clayey, trace gravel, very stiff, greyish brown, moist (GLACIAL TILL)		3	SS	49
	...at 1.2 m, grey, hard		4	SS	67
			5	SS	82
			6	SS	50 / 75mm
			7	SS	55
	...at 6.1 m, layer of sandy silt till, some clay, some shale fragments, grey, moist, very dense		8	SS	86 / 290mm
93.9 / 7.6	**GEORGIAN BAY FORMATION** (See rock core log for details)		9	SS	50 / 50mm
			1	RUN	
			2	RUN	
			3	RUN	
			4	RUN	
			5	RUN	
			6	RUN	
89.6 / 11.9	**END OF BOREHOLE**				

mud rotary small OD=100 mm

Rock coring (NQ) OD=76 mm

depth scale (m) | well details | elevation (m)

undrained shear strength (kPa)
■ unconfined + field vane
● pocket penetrometer ○ Lab Vane
40 80 120 160

SPT N-values (bpf)
× dynamic cone
10 20 30 40

headspace vapour (ppm)
× hexane □ isobutylene
△ methane
100 200 300

moisture / plasticity
PL MC LL
10 20 30

9.7 m (Elev. 91.8 m): transition to sound bedrock

unstabilized water level

lab data and comments

grain size distribution (%) (MIT)
GR SA SI CL

SS1: PAHs, OCs

SS2: H-Ms, Metals, ORPs

SS3: BTEX, PHCs, VOCs

Dry and open upon completion of drilling.

GROUNDWATER LEVELS

date	depth (m)	elevation (m)
Apr 1, 2026	5.7	95.8

file: 24-099 gint.gpj

Tech : LB | **PM** : RS | **Rev** : NN

GROUNDED ENGINEERING

Date Started : Mar 2, 2026
Position : E: 612640, N: 4825429 (UTM 17T)
Elev. Datum : Geodetic

ROCK CORE LOG 202

File No. : 24-099 **Project** : 2233 & 2235 Hurontario St, Mississauga **Client** : Starlight Development

Rock coring started at 7.6m below grade

GEORGIAN BAY FORMATION
Shale, dark grey, laminated to thinly bedded, weak; joints are horizontal, closed to gapped, clean to unaltered;

interbedded with **limestone**, light grey, laminated to thinly bedded, strong

Overall shale: 85%, limestone: 15%

... at 9.7 m (Elev. 91.8 m), transition to sound rock

Run	elev. depth (m)	recovery
	93.9	
R1	7.6	TCR = **93%** SCR = **79%** RQD = **72%**
	7.8	
R2		
	92.7	TCR = **92%** SCR = **74%** RQD = **38%**
	8.8	
R3		
	9.2	TCR = **11%** SCR = **11%** RQD = **0%**
R4		
	91.3	TCR = **69%** SCR = **67%** RQD = **47%**
	10.2	
R5		
	90.4	TCR = **97%** SCR = **97%** RQD = **71%**
	11.1	
R6		TCR = **100%** SCR = **100%** RQD = **73%**
	89.6	
	11.9m	

elevation (m)	natural fracture frequency
	5+RZ
	4
93	3
	1+LC
	LC
	LC
92	5+LC
	9
	2
91	3
	1
	2
	2
90	3
	1

7.6 / 93.9 - 7.6 / 93.9m: rubbilized zone

8.7 / 92.8 - 8.7 / 92.8m: lost core/ washout
8.7 / 92.8 - 8.8 / 92.7m: FZ
8.8 / 92.7 - 9.2 / 92.3m: lost core/ washout
9.2 / 92.3 - 9.5 / 92.0m: lost core/ washout
9.7 / 91.9 - 9.7 / 91.8m: FZ

END OF COREHOLE

Run 1 : 0% limestone
100% shale

Run 2 : 19% limestone
81% shale

Run 3 : 8% limestone
92% shale

Run 4 : 12% limestone
88% shale

Run 5 : 8% limestone
92% shale

Run 6 : 31% limestone
69% shale

file: 24-099 gint.gpj

Tech : LB | **PM** : RS | **Rev** : NN