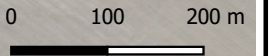


Appendix C

Phase 1 Comprehensive Borehole Records



Legend

- Approx Site Boundary
- Borehole
- ⊙ Monitoring Well



DS CONSULTANTS LTD.

6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K8
 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
ARGO DEVELOPMENT CORPORATION

Project: **GEOTECHNICAL INVESTIGATION
 12455 Creditview Road, Caledon, ON**

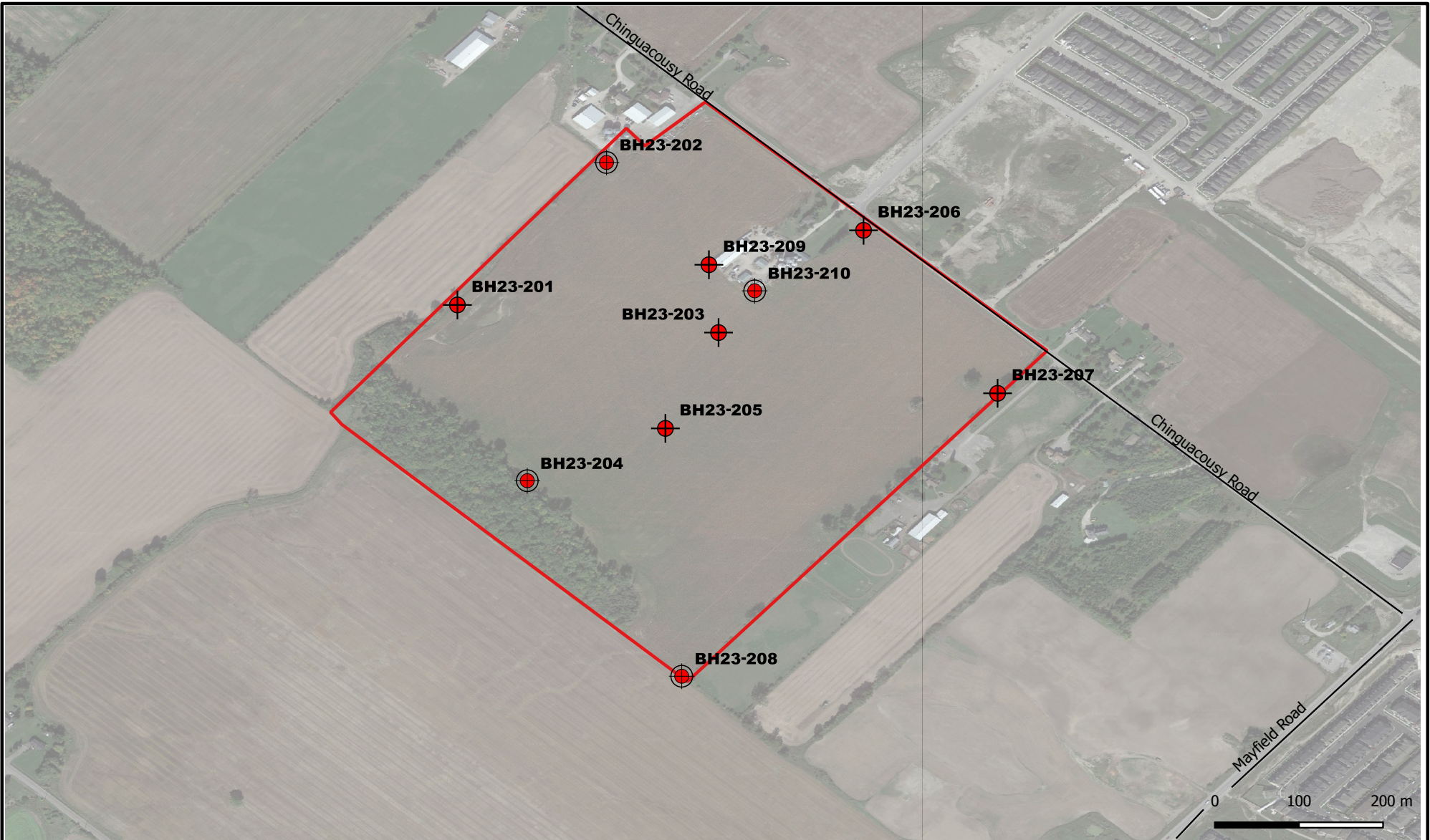
Title: **BOREHOLE LOCATION PLAN**



Size: 8.5 x 11	Approved By: D.W	Drawn By: K.T	Date: August 2023
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Rev: 0	Scale: As Shown	Project No.: 23-264-100	Figure No.: 1
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Image/Map Source: *Google Satellite Image*



Legend

- Approx Site Boundary
- ⊕ Borehole
- ⊙ Monitoring Well

 <p>DS CONSULTANTS LTD. 6221 Highway 7, UNIT 16 Vaughan, Ontario L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project: PRELIMINARY GEOTECHNICAL INVESTIGATION 12306 Chinguacousy Road, Caledon, ON			
	Title: BOREHOLE LOCATION PLAN			
Client: ARGO DEVELOPMENT CORPORATION	Size: 8.5 x 11	Approved By: D.W	Drawn By: K.T	Date: August 2023
	Rev: 0	Scale: As Shown	Project No.: 23-265-100	Figure No.: 1
	Image/Map Source: Google Satellite Image			



Legend

- Approx Site Boundary
- Borehole
- Monitoring Well



DS CONSULTANTS LTD.

6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K8
 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
Mayfield West III

Project: **PRELIMINARY GEOTECHNICAL INVESTIGATION
 12156 Chinguacousy Road, Caledon, ON**

Title: **BOREHOLE LOCATION PLAN**






Size: 8.5 x 11	Approved By: D.W	Drawn By: K.T	Date: September 2023
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Rev: 0	Scale: As Shown	Project No.: 23-266-100	Figure No.: 1
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Image/Map Source: *Google Satellite Image*



Legend

-  Approx Site Boundary
-  Borehole
-  Monitoring Well



DS CONSULTANTS LTD.

6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K8
 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
 12697 Creditview Development Limited c/o
 Fieldgate Land Development

Project: PRELIMINARY GEOTECHNICAL INVESTIGATION
 12697 Creditview Road, Caledon, ON

Title: **BOREHOLE LOCATION PLAN**



Size: 8.5 x 11	Approved By: D.W	Drawn By: K.T	Date: November 2023
Rev: 0	Scale: As Shown	Project No.: 23-268-100	Figure No.: 1
Image/Map Source: Google Satellite Image			



Legend

- Approx Site Boundary
- Borehole
- ⊙ Monitoring Well



DS CONSULTANTS LTD.

6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K8
 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
12101 CREDITVIEW DEVELOPMENTS LIMITED

Project: **PRELIMINARY GEOTECHNICAL INVESTIGATION
 12101 Creditview Road (North Parcel), Caledon, ON**

Title: **BOREHOLE LOCATION PLAN**



Size: 8.5 x 11	Approved By: D.W	Drawn By: K.T	Date: August 2023
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Rev: 0	Scale: As Shown	Project No.: 23-267-100	Figure No.: 1
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Image/Map Source: *Google Satellite Image*



Legend

- Approx Site Boundary
- ⊕ Borehole
- ⊙ Monitoring Well



DS CONSULTANTS LTD.
 6221 Highway 7, UNIT 16
 Vaughan, Ontario L4H 0K8
 Telephone: (905) 264-9393
 www.dsconsultants.ca

Client:
 856363 ONTARION INC.

Project: PRELIMINARY GEOTECHNICAL INVESTIGATION
 12101 Creditview Road (South Parcel), Caledon, ON

Title: **BOREHOLE LOCATION PLAN**



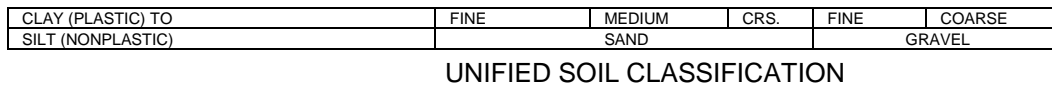
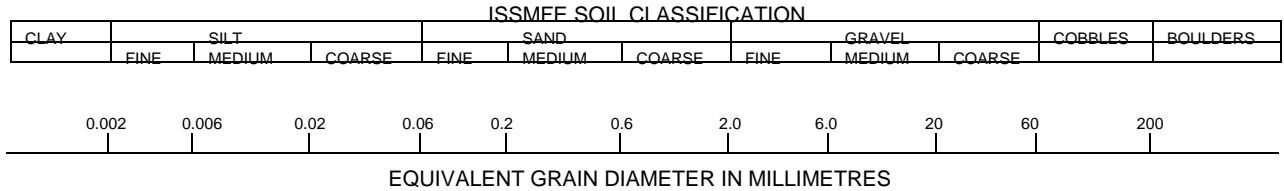
Size: 8.5 x 11	Approved By: D.W	Drawn By: K.T	Date: September 2023
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Rev: 0	Scale: As Shown	Project No.: 23-320-100	Figure No.: 1
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Image/Map Source: Google Satellite Image

Drawing 1A: Notes On Sample Descriptions

1. All sample descriptions included in this report generally follow the Unified Soil Classification. Laboratory grain size analyses provided by DSCL also follow the same system. Different classification systems may be used by others, such as the system by the International Society for Soil Mechanics and Foundation Engineering (ISSMFE). Please note that, with the exception of those samples where a grain size analysis and/or Atterberg Limits testing have been made, all samples are classified visually. Visual classification is not sufficiently accurate to provide exact grain sizing or precise differentiation between size classification systems.



2. **Fill:** Where fill is designated on the borehole log it is defined as indicated by the sample recovered during the boring process. The reader is cautioned that fills are heterogeneous in nature and variable in density or degree of compaction. The borehole description may therefore not be applicable as a general description of site fill materials. All fills should be expected to contain obstruction such as wood, large concrete pieces or subsurface basements, floors, tanks, etc., none of these may have been encountered in the boreholes. Since boreholes cannot accurately define the contents of the fill, test pits are recommended to provide supplementary information. Despite the use of test pits, the heterogeneous nature of fill will leave some ambiguity as to the exact composition of the fill. Most fills contain pockets, seams, or layers of organically contaminated soil. This organic material can result in the generation of methane gas and/or significant ongoing and future settlements. Fill at this site may have been monitored for the presence of methane gas and, if so, the results are given on the borehole logs. The monitoring process does not indicate the volume of gas that can be potentially generated nor does it pinpoint the source of the gas. These readings are to advise of the presence of gas only, and a detailed study is recommended for sites where any explosive gas/methane is detected. Some fill material may be contaminated by toxic/hazardous waste that renders it unacceptable for deposition in any but designated land fill sites; unless specifically stated the fill on this site has not been tested for contaminants that may be considered toxic or hazardous. This testing and a potential hazard study can be undertaken if requested. In most residential/commercial areas undergoing reconstruction, buried oil tanks are common and are generally not detected in a conventional preliminary geotechnical site investigation.
3. **Till:** The term till on the borehole logs indicates that the material originates from a geological process associated with glaciation. Because of this geological process the till must be considered heterogeneous in composition and as such may contain pockets and/or seams of material such as sand, gravel, silt or clay. Till often contains cobbles (60 to 200 mm) or boulders (over 200 mm). Contractors may therefore encounter cobbles and boulders during excavation, even if they are not indicated by the borings. It should be appreciated that normal sampling equipment cannot differentiate the size or type of any obstruction. Because of the horizontal and vertical variability of till, the sample description may be applicable to a very limited zone; caution is therefore essential when dealing with sensitive excavations or dewatering programs in till materials.

PROJECT: Preliminary Geotechnical Investigation
 CLIENT: Argo Alloa (BT) Corporation
 PROJECT LOCATION: 12455 Creditview Road, Caledon, ON
 DATUM: Geodetic
 BH LOCATION: See Drawing 1 N 4840590.45 E 591223.65

DRILLING DATA
 Method: Soild Stem Auger
 Diameter: 150mm
 Date: Aug-08-2023
 REF. NO.: 23-264-100
 ENCL NO.: 2

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	DYNAMIC CONE PENETRATION RESISTANCE PLOT	PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m								
260.3	TOPSOIL: 250mm		1	SS	4								
260.0	FILL: clayey silt, trace organics, dark brown to brown, moist, firm to very stiff		2	SS	11								
258.4	grey at 1.5m		3	SS	16								
258.0	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff		4	SS	21								
258.0	SILTY SAND TILL: trace clay, trace to some gravel, brown, moist to very moist, compact to dense 150mm grey clayey silt layer at 3.1m		5	SS	31								
255.7	SILT: trace sand, grey, moist, compact		6	SS	26								
254.3	CLAYEY SILT: trace sand, grey, moist, hard		7	SS	43								0 4 73 23
252.8	SANDY SILT: trace clay, some gravel, brown, moist, very dense		8	SS	57								16 35 42 7
251.3	SAND: trace silt, trace gravel, brown, wet, compact		9	SS	disturbed								
249.8	END OF BOREHOLE:		10	SS	12								
10.5	Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 -(0.8) above ground surface												

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

<p>PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840590.98 E 591225.04</p>	<p>DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-08-2023</p> <p style="text-align: right;">REF. NO.: 23-264-100 ENCL NO.:</p>
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SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (C _u) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)								
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80	100	20	40	60	80	100
260.4	Straight drilled to 6.1m to install well						W. L. 260.6 m																
0.0							Aug 29, 2023																

6.1	<p>END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 -(0.18) above ground surface</p>																							
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DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840756.28 E 591363.32	DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-08-2023 REF. NO.: 23-264-100 ENCL NO.: 3
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
259.3	TOPSOIL: 250mm	[Symbol]	1	SS	3											
259.0	FILL: clayey silt, trace organics, brown, moist, soft	[Symbol]	2	SS	6											
258.4	FILL: sandy silt, trace clay, dark grey, wet, loose	[Symbol]	3	SS	13											
257.8	FILL: gravelly sand, trace silt, grey, wet, compact	[Symbol]	4	SS	33											
256.8	CLAYEY SILT TILL: sandy, trace to some gravel, brown, moist, very stiff to hard grey at 3.1m	[Symbol]	5	SS	23											
256.8		[Symbol]	6	SS	50/ 50mm											
256.0	SILTY SAND TILL: trace clay, trace gravel, brown, wet, very dense	[Symbol]	7	SS	50/ 30mm											
253.3	END OF BOREHOLE: Notes: 1) Water encountered at 0.8m during drilling.															

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840890.46 E 591480.98	DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-08-2023 REF. NO.: 23-264-100 ENCL NO.: 4
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W _p
259.1														
259.0	TOPSOIL: 250mm	1	SS	3										
0.3	FILL: clayey silt, some organics, dark grey, moist to very moist, soft	2	SS	3										
257.4														
1.7	SILTY SAND: trace clay, some gravel, brown, wet, compact	3	SS	21										
256.8														
2.3	GRAVELLY SAND: trace silt, brown, wet, dense	4	SS	33										
256.0														
3.1	SANDY SILT: trace clay, grey, wet, dense	5	SS	35										
254.5														
4.6	CLAYEY SILT TILL: some sand to sandy, trace gravel, moist, hard	6	SS	50/ 100mm										
252.4	greyish brown at 6.3m	7	SS	89										
6.7	END OF BOREHOLE: Notes: 1) Water encountered at 1.5m during drilling.													

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

<p>PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841089.46 E 591661.03</p>	<p>DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-08-2023</p> <p style="text-align: right;">REF. NO.: 23-264-100 ENCL NO.: 5</p>
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
258.8						W. L. 259.1 m Aug 29, 2023	20 40 60 80 100	20 40 60 80 100						GR SA SI CL
258.0	TOPSOIL: 300mm	[Symbol]	1	SS	4					○				
0.3	FILL: clayey silt, trace organics, dark brown to brown, moist, firm to very stiff	[Symbol]	2	SS	17					○				
257.9	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff	[Symbol]	3	SS	29					○				
0.9		[Symbol]	4	SS	21					○				
1.2		[Symbol]	5	SS	24					○				
1.6	grey below 2.3m	[Symbol]												
2.0		[Symbol]												
2.4		[Symbol]												
2.8		[Symbol]												
3.2		[Symbol]												
3.6		[Symbol]												
4.0		[Symbol]												
254.2	SANDY SILT: trace clay, grey, wet, compact to dense	[Symbol]	6	SS	30					○				
4.6		[Symbol]												
5.0		[Symbol]												
5.4		[Symbol]												
5.8		[Symbol]												
6.2		[Symbol]												
252.1	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 -(0.35) above ground level	[Symbol]	7	SS	14					○				

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841088.77 E 591661.43	DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-08-2023 REF. NO.: 23-264-100 ENCL NO.:
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SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)										WATER CONTENT (%)
258.8 0.0	Straight drilled to 4.6m to install well					W. L. 259.1 m Aug 29, 2023												
258																		
257																		
256																		
255																		
4.6 254.2	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 -(0.32) above ground level																	

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841282.19 E 591450.95	DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-03-2023 REF. NO.: 23-264-100 ENCL NO.: 6
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							
260.2	TOPSOIL: 200mm	1	SS	3		260								
260.0	REWORKED: clayey silt, trace organics, brown, moist, soft (weathered/disturbed)	2	SS	15		259								
259.4	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff to hard	3	SS	28		258								
	layer of sand at 2.3m	4	SS	49		257								
	grey below 3.1m	5	SS	26		256								
		6	SS	16		255								
254.2	SANDY SILT TILL: some clay, trace gravel, grey, very moist, compact	7	SS	20		254								
253.5	END OF BOREHOLE: Notes: 1) Borehole wet at the bottom upon completion.													

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

PROJECT: Preliminary Geotechnical Investigation	DRILLING DATA
CLIENT: Argo Alloa (BT) Corporation	Method: Soild Stem Auger
PROJECT LOCATION: 12455 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-03-2023
BH LOCATION: See Drawing 1 N 4841140.46 E 591299.03	REF. NO.: 23-264-100
	ENCL NO.: 7

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
261.7	TOPSOIL: 200mm	1	SS	10										GR SA SI CL
260.9	REWORKED: sandy silt, some clay, trace organics/rootlets, brown, moist, compact (weathered/disturbed)	2	SS	27										
260.9	SANDY SILT TILL: some clay, trace to some gravel, brown, moist, compact to very dense	3	SS	40										
		4	SS	62										
	grey below 3.1m	5	SS	34										
257.2	CLAYEY SILT TILL: sandy, trace gravel, grey, moist, very stiff	6	SS	26										
255.7	SILT: trace sand, trace clay, grey, wet, compact	7	SS	28										
255.0	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 0.14													

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841005.54 E 591168.45	DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-03-2023 REF. NO.: 23-264-100 ENCL NO.: 8
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							
263.0	TOPSOIL: 230mm	1	SS	4										
262.0	FILL: clayey silt, trace sand, trace organics, brown, moist, firm													
262.2	SANDY SILT TO SILTY SAND: trace to some clay, trace gravel, brown, moist to wet, compact silty clay layer at 1.5m	2	SS	22										
261.0		3	SS	21										
260.0		4	SS	18										
260.0	CLAYEY SILT TILL: some sand to sandy, trace gravel, brown to grey, moist to wet, very stiff	5	SS	19										
259.0	sand layer at 4.5m	6	SS	24										
258.0		7	SS	42										
257.0														
256.3														

6.7 **END OF BOREHOLE:**
 Notes:
 1) Groundwater was encountered at 2.5m during drilling.

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

PROJECT: Preliminary Geotechnical Investigation CLIENT: Argo Alloa (BT) Corporation PROJECT LOCATION: 12455 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840688.37 E 591121.01	DRILLING DATA Method: Soild Stem Auger Diameter: 150mm Date: Aug-09-2023 REF. NO.: 23-264-100 ENCL NO.: 9
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
261.2														
260.0	TOPSOIL: 200mm		1	SS	4									
260.4	FILL: clayey silt, trace organics, brown, moist, firm													
0.8	CLAYEY SILT TILL: sandy, trace gravel, brown to grey, moist, very stiff to hard		2	SS	20									
			3	SS	31									
	grey below 2.6m		4	SS	16									
			5	SS	32									
	wet sand layer at 4.6m		6	SS	25									
			7	SS	33									
6.7	END OF BOREHOLE: Notes: 1) Water encountered at 4.0m during drilling.													

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

PROJECT: Preliminary Geotechnical Investigation	DRILLING DATA
CLIENT: Argo Alloa (BT) Corporation	Method: Soild Stem Auger
PROJECT LOCATION: 12455 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-03-2023
BH LOCATION: See Drawing 1 N 4841091.33 E 590867.5	REF. NO.: 23-264-100
	ENCL NO.: 10

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
264.9	TOPSOIL: 200m	1	SS	5										
264.0	REWORKED: clayey silt, trace topsoil, trace organics, brown, moist, firm (weathered/disturbed)	2	SS	18										
264.1	CLAYEY SILT TILL: sandy, trace to some gravel, brown, moist, stiff to very stiff	3	SS	14										
262.6	GRAVELLY SAND: trace silt, brown, wet, compact	4	SS	21										30 60 (10)
261.9	SANDY SILT TILL: some clay, some gravel, brown, wet, compact	5	SS	24										11 30 49 10
261.3	SILTY CLAY TILL: sandy, trace gravel, grey, moist, very stiff	6	SS	29										
258.9	SILTY SAND: trace clay, grey, wet, compact	7	SS	10										
258.2	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 0.32													

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

PROJECT: Preliminary Geotechnical Investigation
 CLIENT: Argo Alloa (BT) Corporation
 PROJECT LOCATION: 12455 Creditview Road, Caledon, ON
 DATUM: Geodetic
 BH LOCATION: See Drawing 1 N 4841259.52 E 590995.19

DRILLING DATA
 Method: Soild Stem Auger
 Diameter: 150mm
 Date: Aug-02-2023
 REF. NO.: 23-264-100
 ENCL NO.: 11

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)				
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W _p	W	W _L	GR SA SI CL
263.6	TOPSOIL: 250mm		1	SS	4													
263.0	REWORKED: clayey silt, trace topsoil, trace organics, brown, moist, firm (weathered/disturbed) CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff to hard		2	SS	23													
262.8			3	SS	28													
261.0			4	SS	44													
260.0			5	SS	21													
259.0	grey below 3.1m		6	SS	17													
257.9	silty sand layer at 6.1m		7	SS	24													
6.7	END OF BOREHOLE: Notes: 1) Water at the depth of 4.6m during drilling.																	

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

<p>PROJECT: Preliminary Geotechnical Investigation</p> <p>CLIENT: Argo Alloa (BT) Corporation</p> <p>PROJECT LOCATION: 12455 Creditview Road, Caledon, ON</p> <p>DATUM: Geodetic</p> <p>BH LOCATION: See Drawing 1 N 4841531.35 E 591205.28</p>	<p>DRILLING DATA</p> <p>Method: Soild Stem Auger</p> <p>Diameter: 150mm</p> <p>Date: Aug-02-2023</p> <p>REF. NO.: 23-264-100</p> <p>ENCL NO.: 12</p>
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SOIL PROFILE	SAMPLES			GROUNDWATER CONDITIONS	DYNAMIC CONE PENETRATION RESISTANCE PLOT	PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
	DESCRIPTION	NUMBER	TYPE								
261.4 (m) ELEV 260.0 DEPTH											
0.3 260.6	TOPSOIL: 250mm	1	SS	2	261						
0.8 260.6	REWORKED: clayey silt, trace gravel, sandy, brown, moist, soft (weathered/disturbed)	2	SS	16	261						
	CLAYEY SILT TILL: some sand, trace gravel, brown, moist, very stiff	3	SS	24	260						
	grey below 2.3m	4	SS	16	259						
	silty sand zone at 3.1m	5	SS	20	258						1 17 59 23
		6	SS	23	257						
255.4 6.0	SANDY SILT: trace clay, grey, wet, compact	7	SS	17	255						0 31 63 6
253.4 258.0	CLAYEY SILT TILL: sandy, trace gravel, reddish brown, very moist, very stiff	8	SS	18	254						

END OF BOREHOLE:

Notes:

1) Two 50mm dia. monitoring well installed at 4.6m and 7.6m upon completion.

2) Water Level Readings:

Date: Water Level(mbgl):
 Aug. 29, 2023 $-(0.9)$ above ground surface (deep well)
 Aug. 29, 2023 $-(0.9)$ above ground surface (shallow well)

DS SOIL LOG-2021-FINAL 23-264-100 GEOCOPY.GPJ DS.GDT 23-10-10

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841266.13 E 591811	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-14-2023 REF. NO.: 23-265-100 ENCL NO.: 2
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)						
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W _p	W	W _L			
258.7	TOPSOIL: 250mm																			
258.9	FILL: clayey silt, trace organics, brown, moist, firm		1	SS	6															
257.6	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff		2	SS	5															
	grey below 3.1m		3	SS	28															
			4	SS	18															
			5	SS	12															
			6	SS	18															
			7	SS	16															
252.5	SILT: some clay, some sand, grey, wet, compact																			
252.0	END OF BOREHOLE: Notes: 1) Water encountered at 6.1m during drilling.																			

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: Argo Development Corporation	Method: Solid Stem Auger
PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-14-2023
BH LOCATION: See Drawing 1 N 4841502.9 E 591984.97	REF. NO.: 23-265-100
	ENCL NO.: 3

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
257.8																
257.9	TOPSOIL: 250mm															
0.3	FILL: clayey silt, trace organics, dark brown, moist, firm		1	SS	5											
256.8	CLAYEY SILT TO SILTY CLAY TILL: some sand, trace gravel, brown, moist, firm to very stiff		2	SS	7											
1.0			3	SS	9											
2			4	SS	11											
3			5	SS	16											
4	grey below 2.3m															
5			6	SS	12											2 11 48 39
6																
251.1			7	SS	16											
6.7	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 0.57															

W. L. 257.2 m
Aug 29, 2023

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

<p>PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841225.4 E 592121.25</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-14-2023</p> <p style="text-align: right;">REF. NO.: 23-265-100 ENCL NO.: 4</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							
261.7	TOPSOIL: 200mm		1	SS	7										
260.8	FILL: clayey silt, trace organics, brown, moist, firm		2	SS	28										
260.8	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff		3	SS	18										
			4	SS	22										
			5	SS	22										
			6	SS	8										
			7	SS	22										
255.0	END OF BOREHOLE: Notes: 1) Borehole wet at the bottom upon completion.														

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

<p>PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840979.24 E 591897.59</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-14-2023</p> <p style="text-align: right;">REF. NO.: 23-265-100 ENCL NO.: 5</p>
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(m) ELEV DEPTH	SOIL PROFILE DESCRIPTION	STRATA PLOT	SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)		
			NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W				LIQUID LIMIT W _L	GR
262.7	TOPSOIL: 200mm															
262.0	REWORKED: clayey silt, trace organics, brown, moist, firm (weathered/disturbed)		1	SS	6		262									
261.8	SILTY CLAY TO CLAYEY SILT TILL: some sand, trace gravel, brown, moist, very stiff to hard		2	SS	23		261									
0.9			3	SS	22		261									
	grey below 2.3m		4	SS	26		260									
			5	SS	18		259									
							259									
	wet silt layer at 4.6m		6	SS	15		258									
							257									
			7	SS	47		256									2 11 63 24

6.7	<p>END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 3.08</p>											
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DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

<p>PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841067.76 E 592060.47</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-14-2023</p> <p style="text-align: right;">REF. NO.: 23-265-100 ENCL NO.: 6</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)						
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)												
262.9	TOPSOIL: 250mm																			
262.6	REWORKED: clayey silt, trace organics, brown, moist, firm (weathered/disturbed)		1	SS	8															
262.1	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff grey below 3.1m		2	SS	26															
261.1			3	SS	23															
260.1			4	SS	18															
259.1			5	SS	17															
258.1			6	SS	9															
257.1			7	SS	15															
256.2		END OF BOREHOLE: Notes: 1) Borehole was wet at the bottom upon completion.																		

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

<p>PROJECT: Preliminary Geotechnical Investigation CLIENT: Mayfield West III PROJECT LOCATION: 12156 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840633.05 E 592259.73</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-15-2023</p> <p style="text-align: right;">REF. NO.: 23-266-100 ENCL NO.: 2</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)					
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W _p	W	W _L	GR SA SI CL	
259.2	TOPSOIL: 250mm																		
258.9	REWORKED SOIL: clayey silt, trace organics, trace rootlets, brown, moist, soft (weathered/disturbed) CLAYEY SILT TO SILTY CLAY TILL: some sand, trace gravel, brown, moist, stiff to very stiff grey below 4.6m		1	SS	2														
0.3			2	SS	19														
258.4			3	SS	18														
0.8			4	SS	27														
1			5	SS	29														
2			6	SS	14														
5			7	SS	11														
6.7	END OF BOREHOLE: Notes: 1) Borehole wet at the bottom upon completion.																		

DS SOIL LOG-2021-FINAL 23-266-100GEO.GPJ DS.GDT 23-9-20

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

PROJECT: Preliminary Geotechnical Investigation CLIENT: Mayfield West III PROJECT LOCATION: 12156 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840813.66 E 592429.91	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-15-2023 REF. NO.: 23-266-100 ENCL NO.: 3
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
259.3	TOPSOIL: 200mm													
259.0	REWORKED SOIL: clayey silt, trace organics, trace rootlets, brown, moist, firm (weathered/disturbed)		1	SS	4									
258.5	CLAYEY SILT TO SILTY CLAY TILL: some sand, trace gravel, brown, moist, stiff to very stiff		2	SS	22									
			3	SS	19									
			4	SS	20									
	grey below 3.1m		5	SS	20									
			6	SS	10									
			7	SS	20									

6.7 **END OF BOREHOLE:**
Notes:
1) Borehole wet at the bottom upon completion.

DS SOIL LOG-2021-FINAL 23-266-100GEO.GPJ DS.GDT 23-9-20

PROJECT: Preliminary Geotechnical Investigation	DRILLING DATA
CLIENT: Mayfield West III	Method: Solid Stem Auger
PROJECT LOCATION: 12156 Chinguacousy Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-15-2023
BH LOCATION: See Drawing 1 N 4840992.38 E 592564.89	REF. NO.: 23-266-100
	ENCL NO.: 4

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
260.0	TOPSOIL: 200mm													
259.8	FILL: clayey silt, trace organics, trace rootlets, brown, moist, firm		1	SS	6									
259.2	FILL: silty sand, trace organics, some clay, brown, moist, very loose		2	SS	2									
258.5	FILL: silty clay, trace organics, brown to dark brown, moist, firm		3	SS	6									
257.7	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, very stiff to hard		4	SS	30									
257.0			5	SS	50/ 100mm									
256.0			6	SS	21									
255.0	sandy below 4.6m grey below 4.8m		7	SS	23									3 23 44 30
253.3	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbgf): Aug 29, 2023 1.73													

W. L. 258.2 m
Aug 29, 2023

DS SOIL LOG-2021-FINAL 23-266-100GEO.GPJ DS.GDT 23-9-20



<p>PROJECT: Preliminary Geotechnical Investigation (Block 4) CLIENT: 12697 Creditview Developments Limited PROJECT LOCATION: 12697 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841194.06 E 590944.74</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Jul-31-2023</p> <p style="text-align: right;">REF. NO.: 23-268-100 ENCL NO.: 2</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
264.1	TOPSOIL: 200mm													
263.9	REWORKED: clayey silt, trace organics, brown, moist, soft (weathered/disturbed)		1	SS	3									
263.3	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff		2	SS	19									
			3	SS	24									
	grey below 2.3m		4	SS	20									
261.0	SILTY SAND: trace clay, grey, wet, compact		5	SS	23									
259.5	SANDY SILT TILL: some clay, trace gravel, reddish brown, moist, compact		6	SS	23									
258.0	SILTY SAND: trace clay, trace to some gravel, reddish brown to brown, wet, compact		7	SS	16									
	grey at 7.6m		8	SS	21									
255.9	END OF BOREHOLE: Notes: 1) Water encountered at 1.5m during drilling.													

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-02-2023
BH LOCATION: See Drawing 1 N 4841406.11 E 591100.94	REF. NO.: 23-268-100
	ENCL NO.: 3

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
262.1	TOPSOIL: 250mm													
261.9	REWORKED: clayey silt, some sand, trace gravel, brown, moist, firm (weathered/disturbed)		1	SS	5									
261.3	CLAYEY SILT TILL: some sand to sandy, trace gravel, brown, moist, very stiff to hard		2	SS	17									
0.8			3	SS	25									
			4	SS	47									
			5	SS	32									
	grey below 4.6m													
	gravelly sand layer at 5.0m		6	SS	18									7 30 44 19
256.0	SILTY SAND: some clay, grey, wet, compact		7	SS	11									
255.4	END OF BOREHOLE: Notes: 1) Water at the depth of 6.1m during drilling.													

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23



PROJECT: Preliminary Geotechnical Investigation (Block 4) CLIENT: 12697 Creditview Developments Limited PROJECT LOCATION: 12697 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841667.81 E 591015.22	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-01-2023 REF. NO.: 23-268-100 ENCL NO.: 4
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE		"N" BLOWS 0.3 m	W. L. 264.2 m Aug 18, 2023	STRENGTH (kPa)	PLASTIC LIMIT			
263.4	TOPSOIL: 300mm		1	SS	4							
0.0 263.1 0.3	REWORKED: clayey silt, trace rootlets, brown, moist, firm (weathered/disturbed)		2	SS	20							
262.6 0.8	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, stiff to hard		3	SS	29							
	brownish grey at 2.3m		4	SS	43							
			5	SS	35							
	grey below 4.6m		6	SS	14							6 27 46 21
257.3 6.1	SILTY SAND: trace clay, grey, wet, compact		7	SS	20							
256.7 6.7	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 18, 2023 -0.82(above surface level)											

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



<p>PROJECT: Preliminary Geotechnical Investigation (Block 4) CLIENT: 12697 Creditview Developments Limited PROJECT LOCATION: 12697 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841535.97 E 590910.56</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-01-2023</p> <p style="text-align: right;">REF. NO.: 23-268-100 ENCL NO.: 5</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
264.2	TOPSOIL: 300mm													
0.0 263.9 0.3	REWORKED: clayey silt, trace organic, brown, moist, firm (weathered/disturbed)		1	SS	7									
263.4 0.8	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff		2	SS	23									
261.9 2.3	SANDY SILT TILL: some clay, trace to some gravel, brown, moist, compact		3	SS	18									
259.6 4.6	SANDY SILT: some clay, grey, very moist, compact		4	SS	26									
257.5 6.7	END OF BOREHOLE: Notes: 1) Water at depth of 4.0m during drilling.		5	SS	28									

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Jul-31-2023
BH LOCATION: See Drawing 1 N 4841380.63 E 590777.55	REF. NO.: 23-268-100
	ENCL NO.: 6

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
267.8	FILL: clayey silt, trace organics, trace topsoil, dark brown to brown, moist, very soft	1	SS	2										
266.8		2	SS	25										
1.0	CLAYEY SILT TILL: some sand to sandy, trace gravel, brown, moist, very stiff to hard	3	SS	27										
		4	SS	50										
		5	SS	20										
		6	SS	30										
		6	SS	30										
261.7	SANDY SILT TILL: some clay, trace gravel, reddish brown, moist to wet, very dense	7	SS	50/ 30mm										
6.1		8	SS	50/ 30mm										
258.4	some gravel, wet at 9.0m													
9.4														
	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 18, 2023 1.36													

W. L. 266.4 m
Aug 18, 2023

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ_DS.GDT 23-8-23



<p>PROJECT: Preliminary Geotechnical Investigation (Block 4) CLIENT: 12697 Creditview Developments Limited PROJECT LOCATION: 12697 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841211.87 E 590630.83</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Jul-31-2023</p> <p style="text-align: right;">REF. NO.: 23-268-100 ENCL NO.: 7</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
266.1	TOPSOIL: 250mm													
265.9	FILL: clayey silt, trace organics, brown, moist, stiff		1	SS	9									
265.3	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff		2	SS	23									
264.6	SANDY SILT TILL: trace clay, trace gravel, brown, moist, compact													
264.4	CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff		3	SS	23									
263.3	SANDY SILT TO SILTY SAND: trace clay, brown, very moist to wet, compact		4	SS	20									
263.3	CLAYEY SILT: wet zone of sand, grey, moist, very stiff sandy at 3.1m		5	SS	29									
261.5	SILTY SAND: trace to some clay, reddish brown, moist to wet, dense to very dense		6	SS	50/ 30mm									
259.4	some gravel, grey at 6.1m		7	SS	37									
6.7	END OF BOREHOLE: Notes: 1) Water encountered at the depth of 3.1m during drilling.													

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-01-2023
BH LOCATION: See Drawing 1 N 4841512.28 E 590471.98	REF. NO.: 23-268-100
	ENCL NO.: 8

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
269.4	TOPSOIL: 360mm													
269.0	FILL: clayey silt, sandy, brown, moist to very moist, firm to stiff		1	SS	5									
0.4														
1														
267.9	SILTY SAND: trace clay, reddish brown, wet, compact		2	SS	12									
1.5														
267.1	SILTY SAND: trace clay, reddish brown, wet, compact		3	SS	18									
2.3														
267.1	CLAYEY SILT: zone of sand, brown, moist, hard		4	SS	37									
2.3														
266.3	SILTY SAND TILL: trace clay, trace gravel, grey, very moist, very dense		5	SS	54									
3.1														
4														
264.8	CLAYEY SILT TILL: sandy, trace gravel, grey, moist, hard		6	SS	47									
4.6														
5														
6														
262.8	END OF BOREHOLE: Notes: 1) Water encountered at 1.5m during drilling.		7	SS	50/150mm									
6.6														

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Jul-31-2023
BH LOCATION: See Drawing 1 N 4841676.45 E 590588.62	REF. NO.: 23-268-100
	ENCL NO.: 9

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
267.5	TOPSOIL: 200mm													
267.0	REWORKED: clayey silt, trace organics, brown, moist, firm (weathered/disturbed)		1	SS	5									
266.5	CLAYEY SILT TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff		2	SS	13									
2	sand zones, grey, very moist at 2.3m		3	SS	28									
			4	SS	22									
			5	SS	22									
262.9	SILTY SAND: trace clay, grey, wet, very dense		6	SS	55									
262.6	SILTY SAND TILL: some clay, trace gravel, brown, moist, very dense													
4.9														
261.4	SILT: trace clay, trace sand, trace gravel, grey, moist, very dense		7	SS	59									
260.8														
6.7	END OF BOREHOLE: Notes: 1) Water encountered at 4.6m during drilling.													

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-01-2023
BH LOCATION: See Drawing 1 N 4841845.46 E 590749.2	REF. NO.: 23-268-100
	ENCL NO.: 10

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
265.3																
0.0	TOPSOIL: 400mm															
264.9			1	SS	2											
0.4	FILL: silty sand, trace topsoil soil, dark brown, moist, very loose															
264.5																
0.8	SILTY SAND: trace clay, brown, moist, compact		2	SS	19											
263.8																
1.5	GRAVELLY SAND: trace silt, reddish brown, wet, compact															
263.5			3	SS	12											
1.8	CLAYEY SILT: sandy, trace gravel, brown to grey, moist, stiff to very stiff grey below 2.3m															
262.2			4	SS	24											
3.1	SILTY SAND TILL: trace to some clay, trace gravel, grey, moist, very dense															
260.7			5	SS	50											
4.6	SILTY CLAY TILL: trace sand, trace gravel, grey, moist, hard															
259.2			6	SS	41											
6.1	SILTY SAND: trace clay, grey, wet, compact															
258.9			7	SS	26											
6.4	CLAYEY SILT TILL: sandy, trace gravel, grey, very moist, very stiff to hard															
257.1			8	SS	61											
8.2	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 18, 2023 0.61															

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-01-2023
BH LOCATION: See Drawing 1 N 4841845.46 E 590749.2	REF. NO.: 23-268-100
	ENCL NO.:

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m			20 40 60 80 100	20 40 60 80 100						
265.3	Straight drilled to 4.6m to install well.													GR SA SI CL
0.0														
1														
2														
3														
4														
260.7														

W. L. 264.4 m
Aug 18, 2023

END OF BOREHOLE:
Notes:
1) 50mm dia. monitoring well installed upon completion.
2) Water Level Readings:

Date: Water Level(mbg):
Aug. 18, 2023 0.91

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



PROJECT: Preliminary Geotechnical Investigation (Block 4) CLIENT: 12697 Creditview Developments Limited PROJECT LOCATION: 12697 Creditview Road, Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841402.79 E 590746.23	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Jul-31-2023 REF. NO.: 23-268-100 ENCL NO.: 11
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)				
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40	60	80							100	20	40	60
268.0	FILL: sand and gravel, brown, wet, compact FILL: clayey silt, dark brown, moist, stiff to very stiff mixed with topsoil and organics, grey at 0.8m CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff to hard	1	SS	18																
267.0		2	SS	9																
266.5		3	SS	28																
265.5		4	SS	36																
264.3		5	SS	32																
3.7	END OF BOREHOLE: Notes: 1) Borehole dry at the bottom upon completion.																			

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23



PROJECT: Preliminary Geotechnical Investigation (Block 4)	DRILLING DATA
CLIENT: 12697 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12697 Creditview Road, Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Jul-31-2023
BH LOCATION: See Drawing 1 N 4841370.65 E 590770.68	REF. NO.: 23-268-100
	ENCL NO.: 12

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
267.7	FILL: sandy silt, trace topsoil, some organics, dark grey, moist, loose CLAYEY SILT TILL: sandy, trace gravel, brown, moist, very stiff to hard		1	SS	6											
266.9			2	SS	17											
266.9			3	SS	28											
266.9			4	SS	40											
266.9			5	SS	35											
264.0			3.7													
	END OF BOREHOLE: Notes: 1) Borehole dry at the bottom upon completion.															

DS SOIL LOG-2021-DRAFT 23-268-100GEOCOPY.GPJ DS.GDT 23-8-23

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-11-2023
BH LOCATION: See Drawing 1 N 4840022.56 E 591782.14	REF. NO.: 23-267-100
	ENCL NO.: 2

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20 40 60 80 100	20 40 60 80 100						
263.2	TOPSOIL: 200mm														GR SA SI CL
263.0	FILL: clayey silt, trace organics, brown, moist, soft		1	SS	3		263								
262.4	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to hard		2	SS	16		262								
0.8			3	SS	21		261								
			4	SS	35		260								
	grey below 3.1m		5	SS	27		259								6 17 46 31
			6	SS	12		258								
			7	SS	32		257								8 33 41 18
257.1	SANDY SILT TILL: some clay to clayey, trace gravel, grey, moist, dense														
6.1															
256.5	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbgl): Aug. 29, 2023 1.63														
6.7															

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8

W. L. 261.6 m
Aug 29, 2023

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



PROJECT: Geotechnical Investigation
 CLIENT: 12101 Creditview Developments Limited
 PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON
 DATUM: Geodetic
 BH LOCATION: See Drawing 1 N 4840202.96 E 591938.49

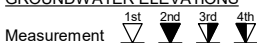
DRILLING DATA
 Method: Solid Stem Auger
 Diameter: 150mm
 Date: Aug-11-2023

REF. NO.: 23-267-100
 ENCL NO.: 3

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT (w _p)	NATURAL MOISTURE CONTENT (w)	LIQUID LIMIT (w _L)	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							
262.4	TOPSOIL: 200mm						20 40 60 80 100								
262.2	0.2 REWORKED: clayey silt, trace organics, dark brown to brown, moist, firm (weathered/disturbed)		1	SS	7										
261.7	0.7 CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to hard		2	SS	22										
261			3	SS	17										
260			4	SS	33										
259			5	SS	22										
258															
257	grey below 4.6m		6	SS	9										
256	silty sand layer at 6.1m		7	SS	50/130mm										
255.8	6.6 END OF BOREHOLE: Notes: 1) Water encountered at 6.1m during drilling.														

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8

GROUNDWATER ELEVATIONS



GRAPH NOTES + 3, x 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-11-2023
BH LOCATION: See Drawing 1 N 4840343.78 E 592059.16	REF. NO.: 23-267-100
	ENCL NO.: 4

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
260.9	TOPSOIL: 250mm													
0.0 260.7	REWORKED: clayey silt, trace organics, dark brown to brown, moist, firm (weathered/disturbed)		1	SS	8									
0.3														
260.1	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to hard		2	SS	24		260							
0.8														
1														
2														
3														
4														
5														
6														
7														
254.2	END OF BOREHOLE: Notes: 1) Borehole wet at the bottom upon completion.													
6.7														

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-10-2023
BH LOCATION: See Drawing 1 N 4840523.82 E 592213.16	REF. NO.: 23-267-100
	ENCL NO.: 5

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20 40 60 80 100	20 40 60 80 100						
259.8	TOPSOIL: 200mm														
258.8	REWORKED: clayey silt, trace organics, brown, moist, firm (weathered/disturbed)		1	SS	6										
258.9	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff grey below 3.1m		2	SS	18										
1 0.9			3	SS	17										
			4	SS	27										
			5	SS	18										
			6	SS	11										
			7	SS	12										
253.1	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbgl): Aug. 29, 2023 1.37														2 13 44 41

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



<p>PROJECT: Geotechnical Investigation CLIENT: 12101 Creditview Developments Limited PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840288.72 E 592459.86</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-10-2023</p> <p style="text-align: right;">REF. NO.: 23-267-100 ENCL NO.: 6</p>
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (C _u) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
257.3	TOPSOIL: 280mm													
0.0 257.0	FILL: clayey silt, trace organics, brown, moist, stiff		1	SS	9									
0.3														
256.5	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff		2	SS	21									
0.8														
1														
2														
3														
4														
5														
6														
7														
250.6	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 1.8													

W. L. 255.5 m
Aug 29, 2023

greyish brown to brown below 3.1m

wet silty sand layer at 6.1m

4 20 45 31

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ_DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-10-2023
BH LOCATION: See Drawing 1 N 4840753.78 E 591985.99	REF. NO.: 23-267-100
	ENCL NO.: 7

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
262.3	TOPSOIL: 200mm						20 40 60 80 100							
262.4							20 40 60 80 100							
0.2	REWORKED: clayey silt, trace organics, dark brown to brown, moist, firm (weathered/disturbed)		1	SS	4									
261.6														
0.7	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff		2	SS	20									
1														
2			3	SS	21									2 16 46 36
3														
4			4	SS	29									
5														
5			5	SS	17									
6														
6	grey, firm at 4.6m		6	SS	8									
7														
6														
256.2														
6.1	SANDY SILT TILL: some clay to clayey, trace gravel, grey, wet, compact to dense		7	SS	10									1 31 56 12
7														
8														
8			8	SS	30									
8.2	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 1.24													

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8



<p>PROJECT: Geotechnical Investigation CLIENT: 12101 Creditview Developments Limited PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840601.26 E 591843.27</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-14-2023</p> <p style="text-align: right;">REF. NO.: 23-267-100 ENCL NO.: 8</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
							20 40 60 80 100					W _p W W _L		GR SA SI CL
263.7	TOPSOIL: 200mm													
263.5	REWORKED: clayey silt, trace organics, dark brown to brown, moist, firm (weathered/disturbed)		1	SS	6									
262.8	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to hard grey at 3.1m		2	SS	22									
262.1			3	SS	22									
261.4			4	SS	32									
260.7			5	SS	25									
259.0			6	SS	8									
257.5	SANDY SILT TO SILTY SAND TILL: some clay, trace gravel, greyish brown, moist to wet, compact		7	SS	16									
257.0	END OF BOREHOLE: Notes: 1) Ground water encountered at 6.2m during drilling.													

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-11-2023
BH LOCATION: See Drawing 1 N 4840481.71 E 591717.03	REF. NO.: 23-267-100
	ENCL NO.: 9

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
264.4	TOPSOIL: 200mm													
264.2	REWORKED: clayey silt, trace organics, dark brown to brown, moist, firm (weathered/disturbed)		1	SS	6									
263.6	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, very stiff		2	SS	17									
0.8	greyish brown to grey at 1.5m		3	SS	24									
			4	SS	26									
			5	SS	23									
259.8	SANDY SILT TO SILTY SAND TILL: trace to some clay, some gravel, brown, moist, very dense		6	SS	50/ 75mm									
258.2	END OF BOREHOLE: Notes: 1) Water encountered at 4.6m during drilling.		7	SS	50/ 75mm									

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ_DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-11-2023
BH LOCATION: See Drawing 1 N 4840278.95 E 591528.51	REF. NO.: 23-267-100
	ENCL NO.: 10

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
262.5	TOPSOIL: 200mm													
262.3	FILL: clayey silt, trace organics, dark brown to brown, moist, firm	1	SS	3										
261.7	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to hard grey at 3.1m	2	SS	18										
261.5		3	SS	34										
261.0		4	SS	25										
260.5		5	SS	14										
257.9		6	SS	50/ 130mm										
255.8	7	SS	42											
255.8	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 0.7													

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ_DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



<p>PROJECT: Geotechnical Investigation CLIENT: 12101 Creditview Developments Limited PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840525.3 E 591362.84</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-09-2023</p> <p style="text-align: right;">REF. NO.: 23-267-100 ENCL NO.: 11</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
259.6 0.0	TOPSOIL: 380mm		1	SS	3									
259.2 0.4	FILL: clayey silt, trace organics, dark brown to brown, moist, soft to firm		2	SS	4									
258.1 1.5	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown to grey, moist, hard		3	SS	40									
	grey below 2.3m		4	SS	50/ 100mm									4 19 58 19
			5	SS	66									
			6	SS	41									
253.5 6.1	SANDY SILT TO SILTY SAND TILL: trace clay, trace gravel, brown, very moist, very dense		7	SS	72									
252.9 6.7	END OF BOREHOLE: Notes: 1) Groundwater encountered at 2.1m during drilling.													

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



PROJECT: Geotechnical Investigation	DRILLING DATA
CLIENT: 12101 Creditview Developments Limited	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-09-2023
BH LOCATION: See Drawing 1 N 4840782.43 E 591402.72	REF. NO.: 23-267-100
	ENCL NO.: 12

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							WATER CONTENT (%)
259.9	TOPSOIL: 250mm														
0.0 259.7	REWORKED: clayey silt, trace organics, dark brown to brown, moist, firm (weathered/disturbed)		1	SS	4										
0.3															
259.0	SANDY SILT: trace to some clay, trace gravel, grey, wet, compact		2	SS	16		259								
1 0.9															
			3	SS	17		258								
	clayey silt layer at 2.6m		4	SS	13		257								
256.8	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, grey, moist to very moist, stiff to very stiff		5	SS	13		256								
3.1															
			6	SS	20		255								
253.8	SANDY SILT TO SILTY SAND TILL: trace to some clay, trace gravel, brown, moist to wet, dense		7	SS	46		254								
6.1															
253.2	END OF BOREHOLE: Notes: 1) Water encountered at 0.8m during drilling.														
6.7															

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8



<p>PROJECT: Geotechnical Investigation CLIENT: 12101 Creditview Developments Limited PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840916.22 E 591536.29</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-10-2023</p> <p style="text-align: right;">REF. NO.: 23-267-100 ENCL NO.: 13</p>
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SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
259.2 0.0	TOPSOIL: 400mm													
258.8 0.4	FILL: clayey silt, sandy, trace to some organics, dark brown to brown, moist to wet, firm		1	SS	4									
			2	SS	5									
	grey at 1.5m		3	SS	5									
256.9 2.3	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace to some gravel, brown, moist, hard		4	SS	41									
			5	SS	34									
254.6 4.6	SANDY SILT TO SILT: trace clay, brown to grey, wet, compact to very dense		6	SS	17									
253.2 6.0	SANDY SILT TO SILTY SAND TILL: trace to some clay, trace gravel, brown to grey, moist, very dense		7	SS	62									
252.5 6.7	END OF BOREHOLE: Notes: 1) Water encountered at 1.2m during drilling.													

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ_DS.GDT 23-9-8

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



<p>PROJECT: Geotechnical Investigation CLIENT: 12101 Creditview Developments Limited PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840910.25 E 591763.62</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-10-2023</p> <p style="text-align: right;">REF. NO.: 23-267-100 ENCL NO.: 14</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
262.0	TOPSOIL: 200mm														
261.8	FILL: clayey silt, trace organics, dark brown to brown, moist, firm to very stiff	1	SS	6											
261.0	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, very stiff to hard grey at 3.1m	2	SS	18											
260.0		3	SS	20											
259.0		4	SS	31											
258.0		5	SS	17											
257.0		6	SS	26											
256.0	SANDY SILT TO SILTY SAND TILL: trace to some clay, trace gravel, grey, very moist, very dense	7	SS	73											
255.3	END OF BOREHOLE: Notes: 1) Water at depth of 6.1m during drilling.														

DS SOIL LOG-2021-DRAFT 23-267-100GEO.GPJ DS.GDT 23-9-8

<p>PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841395.42 E 592291.52</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-15-2023</p> <p style="text-align: right;">REF. NO.: 23-265-100 ENCL NO.: 7</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
261.3	TOPSOIL: 200mm													
260.9	REWORKED: clayey silt, trace organics, brown, moist, firm (weathered/disturbed)		1	SS	5									
260.5	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff		2	SS	17									
1 0.8			3	SS	17									
			4	SS	21									
	grey below 2.8m		5	SS	14									
			6	SS	9									
			7	SS	27									
254.6	END OF BOREHOLE:													

6.7	<p>END OF BOREHOLE: Notes: 1) Borehole was wet at the bottom upon completion.</p>													
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DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841130.07 E 592454.22	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-15-2023 REF. NO.: 23-265-100 ENCL NO.: 8
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
259.2	TOPSOIL: 200mm													
259.0	FILL: clayey silt, trace organics, brown, moist, firm		1	SS	6									
258.2	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff		2	SS	16									
			3	SS	22									
			4	SS	22									
	grey below 3.1m		5	SS	23									
	wet silt layer at 4.6m		6	SS	9									
253.0	SILTY SAND TILL: trace clay, trace gravel, grey, moist, dense		7	SS	35									
252.5														
6.7	END OF BOREHOLE: Notes: 1) Water at depth of 4.6m during drilling.													

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4840661.72 E 592085.56	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-10-2023 REF. NO.: 23-265-100 ENCL NO.: 9
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(m) ELEV DEPTH	SOIL PROFILE DESCRIPTION	STRATA PLOT	SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)				
			NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w				LIQUID LIMIT W _L	GR	SA	SI
260.8	TOPSOIL: 200mm		1	SS	6													
0.2	FILL: clayey silt, trace organics, dark brown, moist, firm																	
259.9	SILTY CLAY TILL: some sand, trace gravel, brown, moist, stiff to very stiff grey below 3.1m		2	SS	20													
0.9			3	SS	21													
				4	SS	30												
				5	SS	25												1 19 46 34
				6	SS	14												
				7	SS	11												
254.1	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 4.45																	

W. L. 256.3 m
Aug 29, 2023

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841336.16 E 592108.72	DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-15-2023 REF. NO.: 23-265-100 ENCL NO.: 10
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
261.3																	
0.0	TOPSOIL: 380mm		1	SS	6												
260.9	FILL: clayey silt, trace organics, dark brown, moist, firm		2	SS	6												
0.4																	
259.8	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff		3	SS	8												
1.5			4	SS	21												
			5	SS	21												
257.6																	
3.7	END OF BOREHOLE: Notes; 1) Borehole wet at the bottom upon completion.																

DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

<p>PROJECT: Geotechnical Investigation CLIENT: Argo Development Corporation PROJECT LOCATION: 12306 Chinguacousy Rd., Caledon, ON DATUM: Geodetic BH LOCATION: See Drawing 1 N 4841294.66 E 592163.93</p>	<p>DRILLING DATA Method: Solid Stem Auger Diameter: 150mm Date: Aug-15-2023</p> <p style="text-align: right;">REF. NO.: 23-265-100 ENCL NO.: 11</p>
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20 40 60 80 100	20 40 60 80 100						
261.6	FILL: sandy silt, trace asphalt pieces, trace gravel, brown, moist, compact		1	SS	11		261								
260.7			2	SS	16		261								
0.9	SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff		3	SS	21		W. L. 260.2 m Aug 29, 2023								1 14 41 44
			4	SS	25		259								
			5	SS	20		258								
	wet silty sand layer at 2.3m														
	grey below 4.6m							257							
			6	SS	10	256									
254.9			7	SS	23		255								

6.7	<p>END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 1.4</p>														
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DS SOIL LOG-2021-FINAL 23-265-100GEO.GPJ DS.GDT 23-9-1

GROUNDWATER ELEVATIONS
 Measurement

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

PROJECT: Geotechnical Investigation (Southern Section)

CLIENT: 856363 Ontario Inc.

PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON

DATUM: Geodetic

BH LOCATION: See Drawing 1 N 4839962.61 E 591954.4

DRILLING DATA

Method: Solid Stem Auger

Diameter: 150mm

Date: Aug-16-2023

REF. NO.: 23-320-100

ENCL NO.: 2

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)			
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40	60	80				100	PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W
261.8																
260.6	TOPSOIL: 200mm															
260.4	FILL: clayey silt, trace organics, brown, moist, firm	1	SS	6							○					
0.4	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to hard															
1		2	SS	8							○					
2		3	SS	18							○					
3		4	SS	33							○					
3.1	grey below 3.1m															
4		5	SS	26							○					
5																
6		6	SS	10							○					
6.4	layer of sandy silt, brown at 6.4m															
6.7	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbg): Aug. 29, 2023 3.92	7	SS	14							○	○	7	24	44	25

DS SOIL LOG-2021-FINAL 23-320-100 GEO COPY.GPJ DS.GDT 23-9-18

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



PROJECT: Geotechnical Investigation (Southern Section)	DRILLING DATA
CLIENT: 856363 Ontario Inc.	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-16-2023
BH LOCATION: See Drawing 1 N 4840105.61 E 592147.37	REF. NO.: 23-320-100
	ENCL NO.: 3

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
259.4	TOPSOIL: 250mm														
258.9	FILL: clayey silt, trace organics, brown, moist, firm to stiff		1	SS	7										
258.3	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, very stiff to hard grey below 3.1m		2	SS	15										
1.1			3	SS	22										
2			4	SS	20										
3			5	SS	26										
4			6	SS	18										
253.1	SILTY SAND TILL: trace clay, some gravel, brown, moist, very dense		7	SS	50/ 150mm										
6.3 252.8	END OF BOREHOLE: Notes: 1) Borehole wet at bottom upon completion of drilling.														
6.6															

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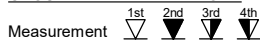


PROJECT: Geotechnical Investigation (Southern Section)	DRILLING DATA
CLIENT: 856363 Ontario Inc.	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-16-2023
BH LOCATION: See Drawing 1 N 4840297.25 E 592235.99	REF. NO.: 23-320-100
	ENCL NO.: 4

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)						
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W _p	W	W _L			
258.3	TOPSOIL: 200mm																			
258.0	REWORKED: clayey silt, trace organics, brown, moist, firm (weathered/disturbed)		1	SS	6		258													
257.5	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to hard		2	SS	16		257													
			3	SS	19		256													
			4	SS	33		255													
	grey below 3.1m		5	SS	23		254													
			6	SS	9		253													
	greyish brown below 4.6m		7	SS	23		252													
251.6	END OF BOREHOLE: Notes: 1) Borehole wet at bottom upon completion of drilling.																			

DS SOIL LOG-2021-FINAL 23-320-100 GEO COPY.GPJ DS.GDT 23-9-18

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3 , × 3 : Numbers refer to Sensitivity
○ = 3% Strain at Failure

PROJECT: Geotechnical Investigation (Southern Section)	DRILLING DATA
CLIENT: 856363 Ontario Inc.	Method: Solid Stem Auger
PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON	Diameter: 150mm
DATUM: Geodetic	Date: Aug-16-2023
BH LOCATION: See Drawing 1 N 4840181.39 E 592345.21	REF. NO.: 23-320-100
	ENCL NO.: 5

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
258.8	TOPSOIL: 200mm													
258.0	FILL: clayey silt, sandy, trace organics, brown, moist, stiff		1	SS	8									
0.2			2	SS	12									
1														
257.1	CLAYEY SILT TO SILTY CLAY TILL: some sand to sandy, trace gravel, brown, moist, stiff to very stiff		3	SS	20									
1.7			4	SS	24									
2														
3	grey below 3.1m		5	SS	23									
3														
4														
4														
5	wet gravelly sand layer at 4.6m		6	SS	10									
5														
6														
6														
252.1	END OF BOREHOLE: Notes: 1) Water encountered at 4.6m during drilling.		7	SS	14									
6.7														

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PROJECT: Geotechnical Investigation (Southern Section)

CLIENT: 856363 Ontario Inc.

PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON

DATUM: Geodetic

BH LOCATION: See Drawing 1 N 4839953.23 E 592285.18

DRILLING DATA

Method: Solid Stem Auger

Diameter: 150mm

Date: Aug-16-2023

REF. NO.: 23-320-100

ENCL NO.: 6

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W _p
258.4	TOPSOIL: 250mm														
258.9	FILL: clayey silt, sandy, trace organics, dark brown, moist, firm		1	SS	6										
257.6	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to hard		2	SS	22										
257.1			3	SS	26										
256.6			4	SS	33										
256.1			5	SS	22										
255.6			6	SS	8										
255.1			7	SS	33										
254.6		grey below 4.6m													
254.1															
253.6															
253.1															
252.6	greyish brown at 6.1m														
252.1															
251.7	END OF BOREHOLE: Notes: 1) Borehole wet at bottom upon completion of drilling.														

DS SOIL LOG-2021-FINAL 23-320-100 GEO COPY.GPJ DS.GDT 23-9-18

GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

PROJECT: Geotechnical Investigation (Southern Section)

CLIENT: 856363 Ontario Inc.

PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON

DATUM: Geodetic

BH LOCATION: See Drawing 1 N 4839741.14 E 592111.46

DRILLING DATA

Method: Solid Stem Auger

Diameter: 150mm

Date: Aug-16-2023

REF. NO.: 23-320-100

ENCL NO.: 7

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	WATER CONTENT (%)	DYNAMIC CONE PENETRATION RESISTANCE PLOT			POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)						
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40	60				80	100	W _p	W	W _L	GR
260.9	TOPSOIL: 250mm																	
260.8	FILL: clayey silt, sandy, trace organics, dark brown, moist, firm to very stiff	1	SS	4														
259.8	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff	2	SS	19														
259.8		3	SS	20														
258		4	SS	26														
257		5	SS	28														
256	6	SS	13															
254.2	7	SS	22														6 34 47 13	
6.7	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbgl): Aug. 29, 2023 (0.38) above ground surface level																	

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GROUNDWATER ELEVATIONS
Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

PROJECT: Geotechnical Investigation (Southern Section)

CLIENT: 856363 Ontario Inc.

PROJECT LOCATION: 12101 Creditview Rd., Caledon, ON

DATUM: Geodetic

BH LOCATION: See Drawing 1 N 4839753.38 E 592065.44

DRILLING DATA

Method: Solid Stem Auger

Diameter: 150mm

Date: Aug-16-2023

REF. NO.: 23-320-100

ENCL NO.: 8

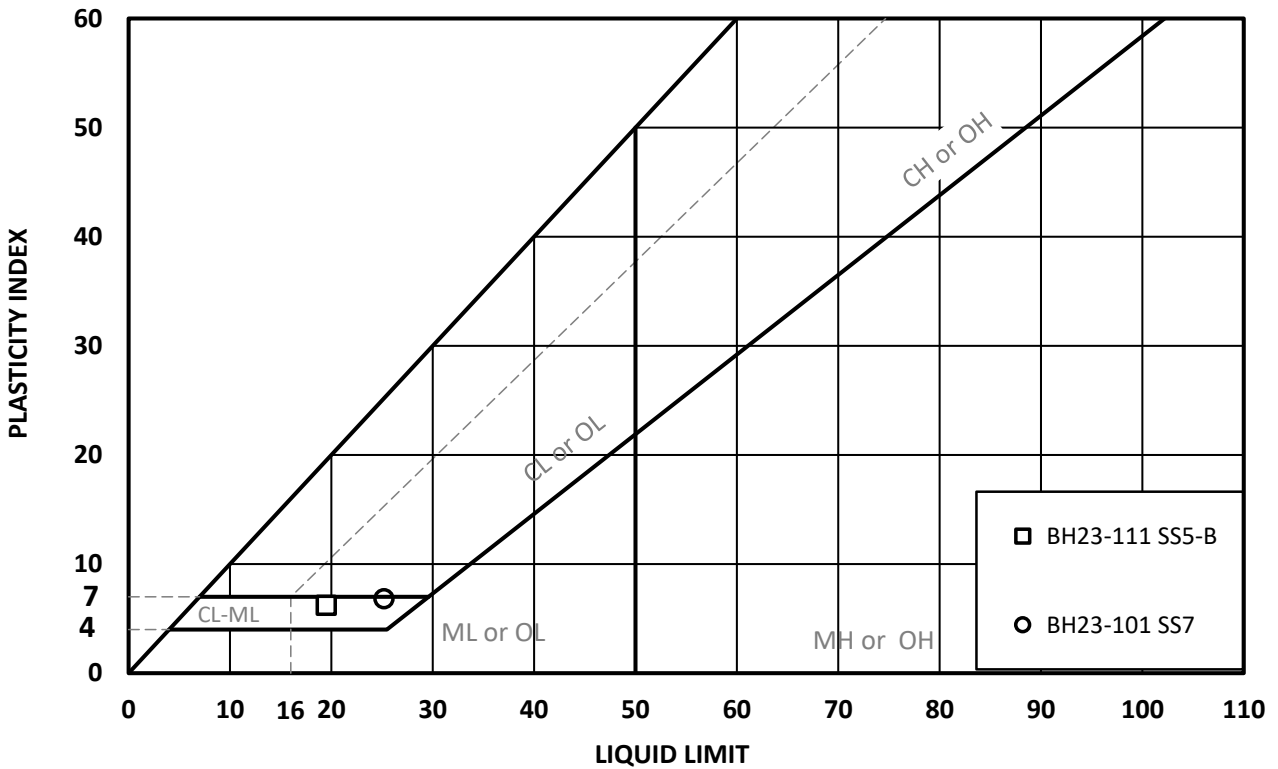
SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W _p	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W _L	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m ³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)		
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80
262.1	TOPSOIL: 250mm																
261.8	FILL: clayey silt, sandy, trace organics, dark brown, moist, firm		1	SS	7												
261.1	CLAYEY SILT TO SILTY CLAY TILL: sandy, trace gravel, brown, moist, stiff to very stiff grey below 4.6m wet sandy silt layer, greyish brown at 6.1m		2	SS	13												
260.1			3	SS	18											2 23 50 25	
259.1			4	SS	19												
258.1			5	SS	25												
257.1			6	SS	9												
256.1			7	SS	18												
255.4																	
6.7	END OF BOREHOLE: Notes: 1) 50mm dia. monitoring well installed upon completion. 2) Water Level Readings: Date: Water Level(mbgl): Aug. 29, 2023 3.44																

DS SOIL LOG-2021-FINAL 23-320-100 GEO COPY.GPJ DS.GDT 23-9-18

GROUNDWATER ELEVATIONS
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

Atterberg Test (ASTM D-4318)



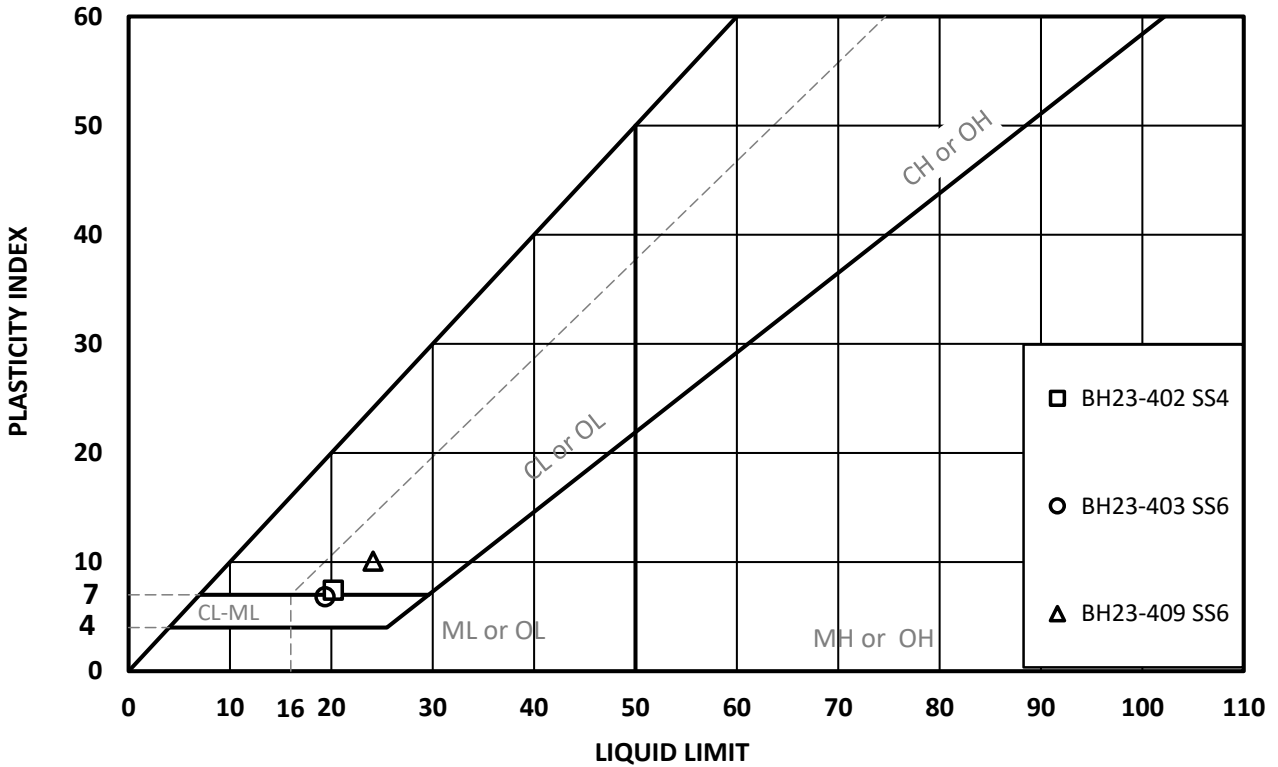
Code	Sample ID	Sample No.	Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Symbol
1	□	BH23-111 SS5-B	11	19.5	13.3	6.2	CL-ML
2	○	BH23-101 SS7	19	25.2	18.4	6.8	CL-ML



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Project	Preliminary Geotechnical Investigation	Project No	23-264-100
Location	12455 Creditview Road, Caledon, ON.	Date	Aug-09-2023
Client	Argo Alloa (BT) Corporation	Figure No	14

Atterberg Test (ASTM D-4318)



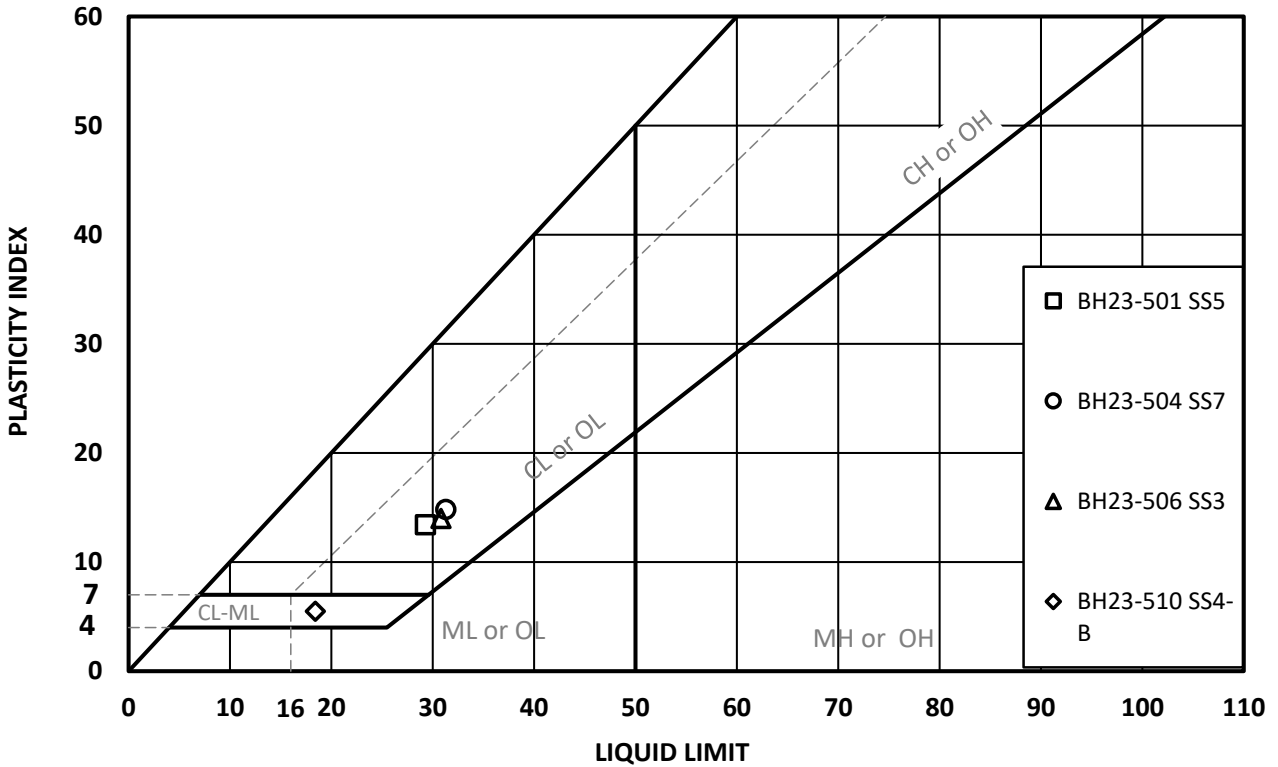
Code	Sample ID	Sample No.		Moisture Contant (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Symbol
1	□	BH23-402	SS4	11	20.2	12.8	7.4	CL
2	○	BH23-403	SS6	11	19.4	12.6	6.8	CL-ML
3	△	BH23-409	SS6	11	24.1	14	10.1	CL



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Project	Preliminary Geotechnical Investigation (Block 4)	Project No	23-268-100
Location	12697 Creditview Road, Caledon, ON.	Date	Aug-09-2023
Client	12697 Creditview Developments Limited	Figure No	14

Atterberg Test (ASTM D-4318)



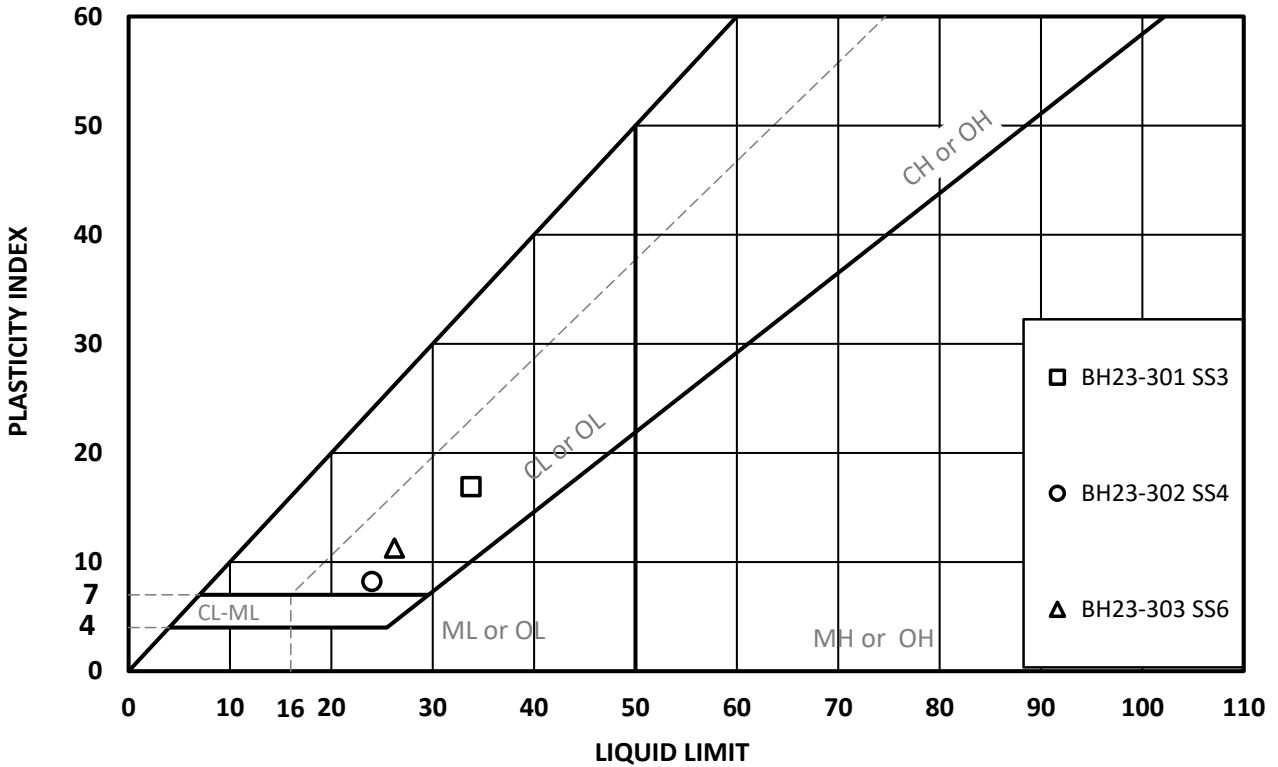
Code	Sample ID	Sample No.	Moisture Contant (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Symbol
1	□	BH23-501 SS5	12	29.3	15.9	13.4	CL
2	○	BH23-504 SS7	19	31.3	16.5	14.8	CL
3	△	BH23-506 SS3	15	30.8	16.8	14	CL
4	◇	BH23-510 SS4-B	8	18.4	12.9	5.5	CL-ML




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Project	Preliminary Geotechnical Investigation	Project No	23-267-100
Location	12101 Creditview Road, Caledon	Date	Aug-16-2023
Client	12101 Creditview Development Limited	Figure No	16

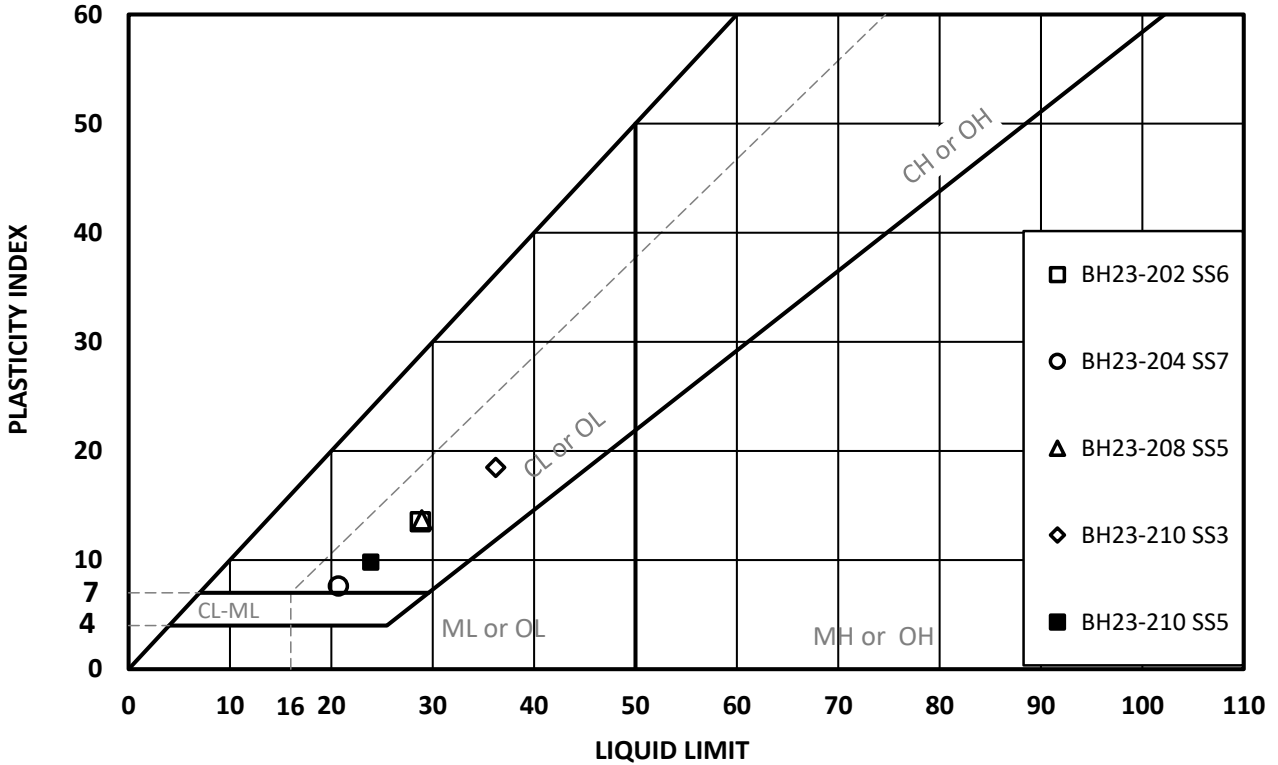
Atterberg Test (ASTM D-4318)



Code	Sample ID	Sample No.	Moisture Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Symbol
1	□	BH23-301 SS3	16	33.8	16.9	16.9	CL
2	○	BH23-302 SS4	15	24	15.8	8.2	CL
3	△	BH23-303 SS6	15	26.2	14.9	11.3	CL

 <p>DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project	Preliminary Geotechnical Investigation	Project No	23-266-100
	Location	12156 Chinguacousy Rd., Caledon, ON	Date	Aug-21-2023
	Client	Mayfield West III	Figure No	6

Atterberg Test (ASTM D-4318)



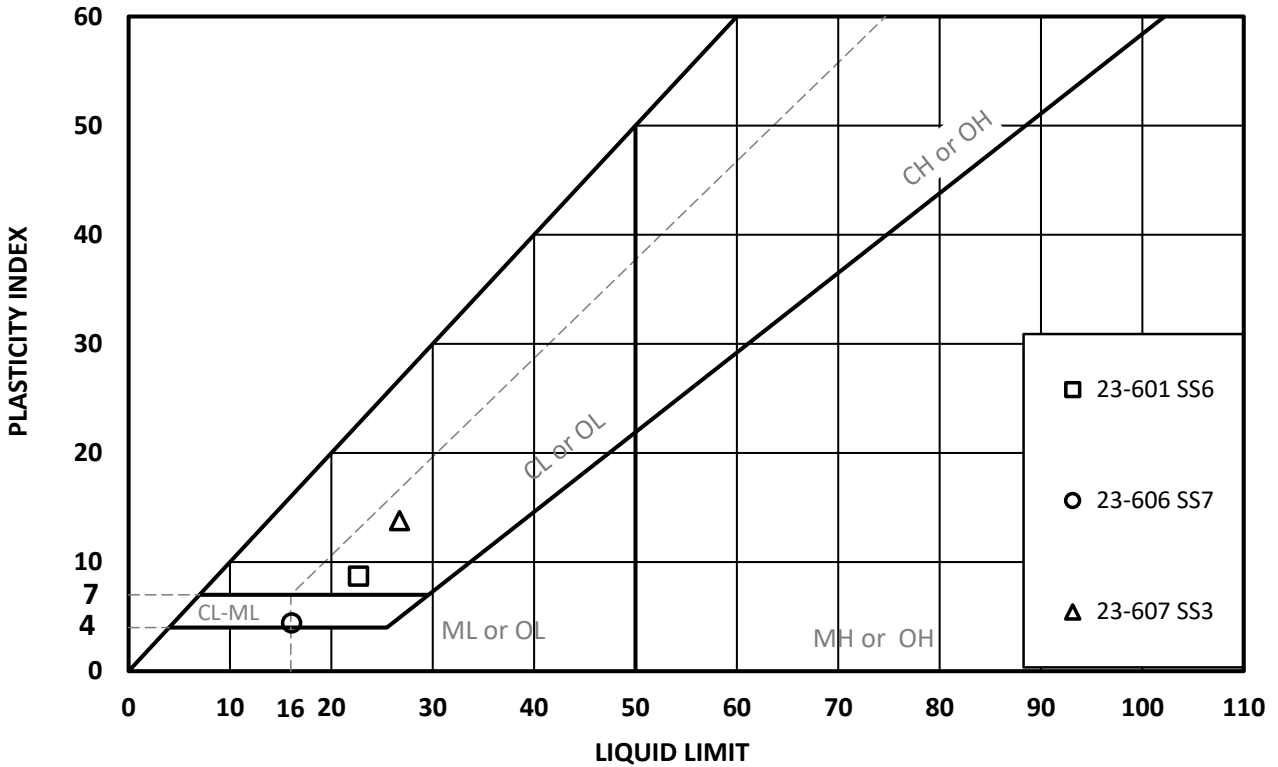
Code	Sample ID	Sample No.	Moisture Contant (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Symbol
1	□	BH23-202 SS6	18	28.8	15.3	13.5	CL
2	○	BH23-204 SS7	10	20.7	13.1	7.6	CL
3	△	BH23-208 SS5	14	28.9	15.2	13.7	CL
4	◇	BH23-210 SS3	17	36.2	17.7	18.5	CL
5	■	BH23-210 SS5	16	23.9	14.1	9.8	CL




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Project	Geotechnical Investigation	Project No	23-265-100
Location	12306 Chinguacousy Rd, Caledon, ON.	Date	Aug-21-2023
Client	Argo Mayfield West II Limited	Figure No	13

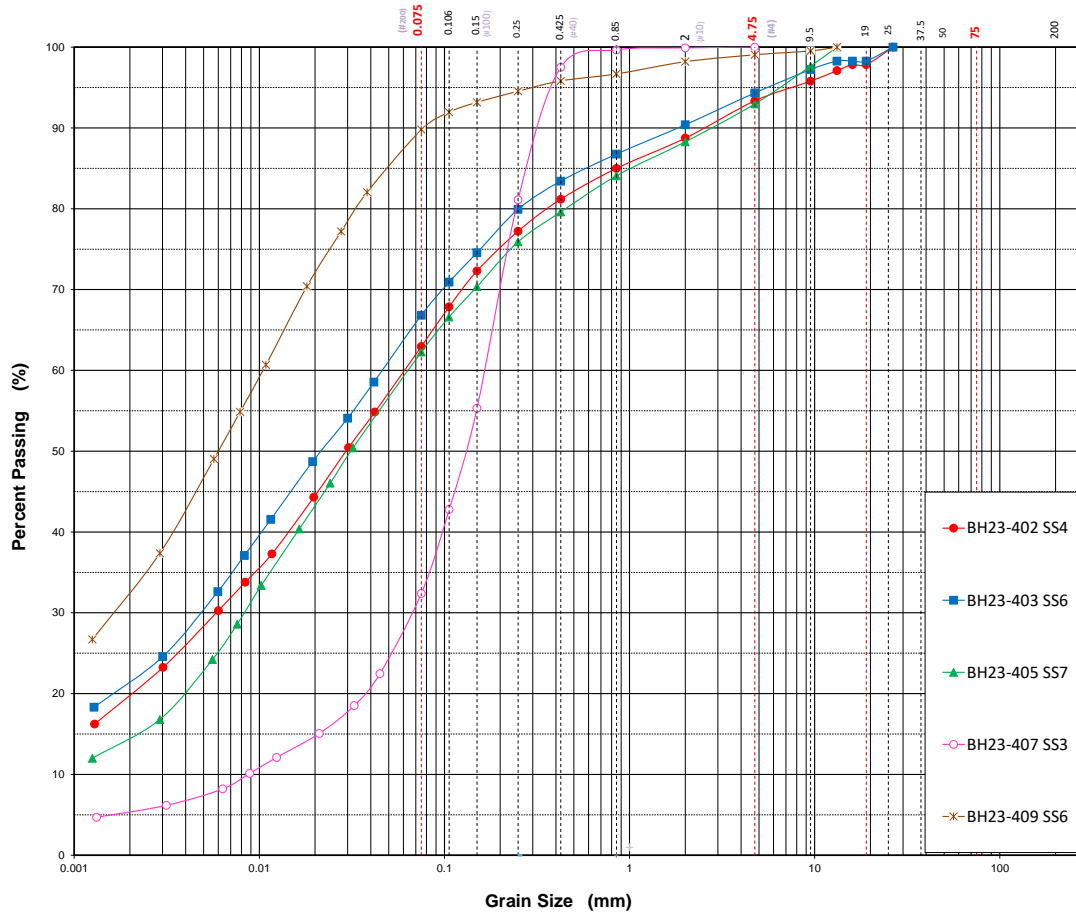
Atterberg Test (ASTM D-4318)




Code	Sample ID	Sample No.	Moisture Contant (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	USCS Symbol
1	□	23-601 SS6	17	22.7	14	8.7	CL
2	○	23-606 SS7	14	16.1	11.7	4.4	CL-ML
3	△	23-607 SS3	13	26.7	12.9	13.8	CL

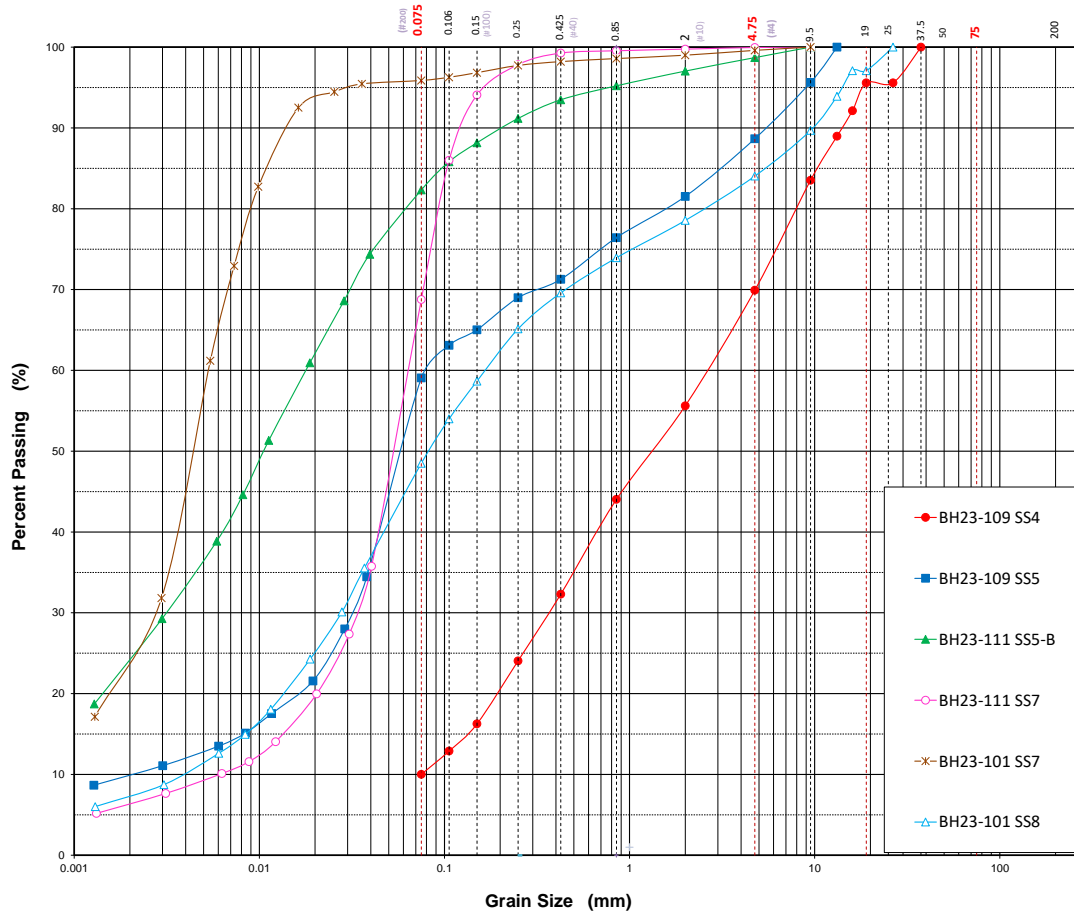
 <p>DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project	Preliminary Geotechnical Investigation (South Parcel)	Project No	23-320-100
	Location	12101 Creditview Rd., Caledon, ON	Date	Aug-21-2023
	Client	856363 Ontario Inc.	Figure No	10


Particle Size Distribution (ASTM-D421/D422)



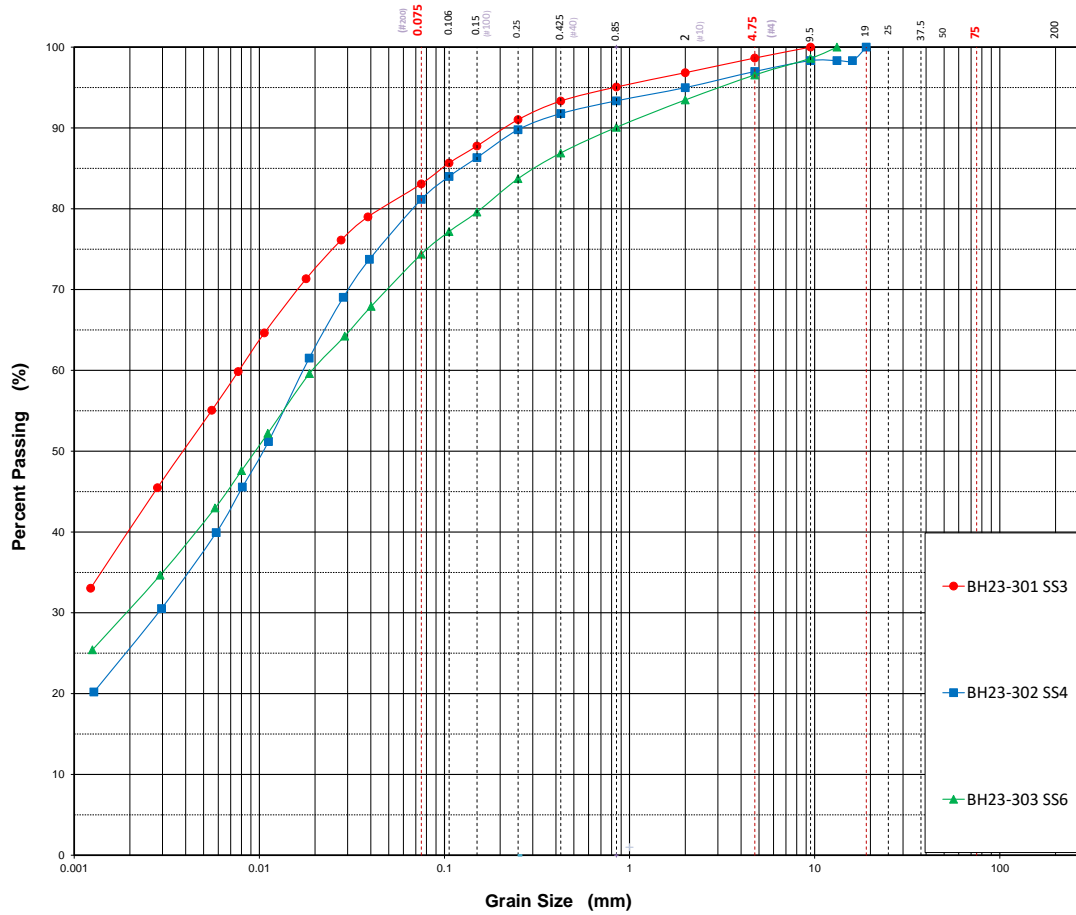
Silt and Clay		Sand			Gravel		Cobble +
Clay	Silt	Fine	Medium	Coarse	Fine	Coarse	
 <p>DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project	Preliminary Geotechnical Investigation (Block 4)			Project No	23-268-100	
	Location	12697 Creditview Road, Caledon, ON.			Date	Aug-09-2023	
	Client	12697 Creditview Developments Limited			Figure No	13	


Particle Size Distribution (ASTM-D421/D422)



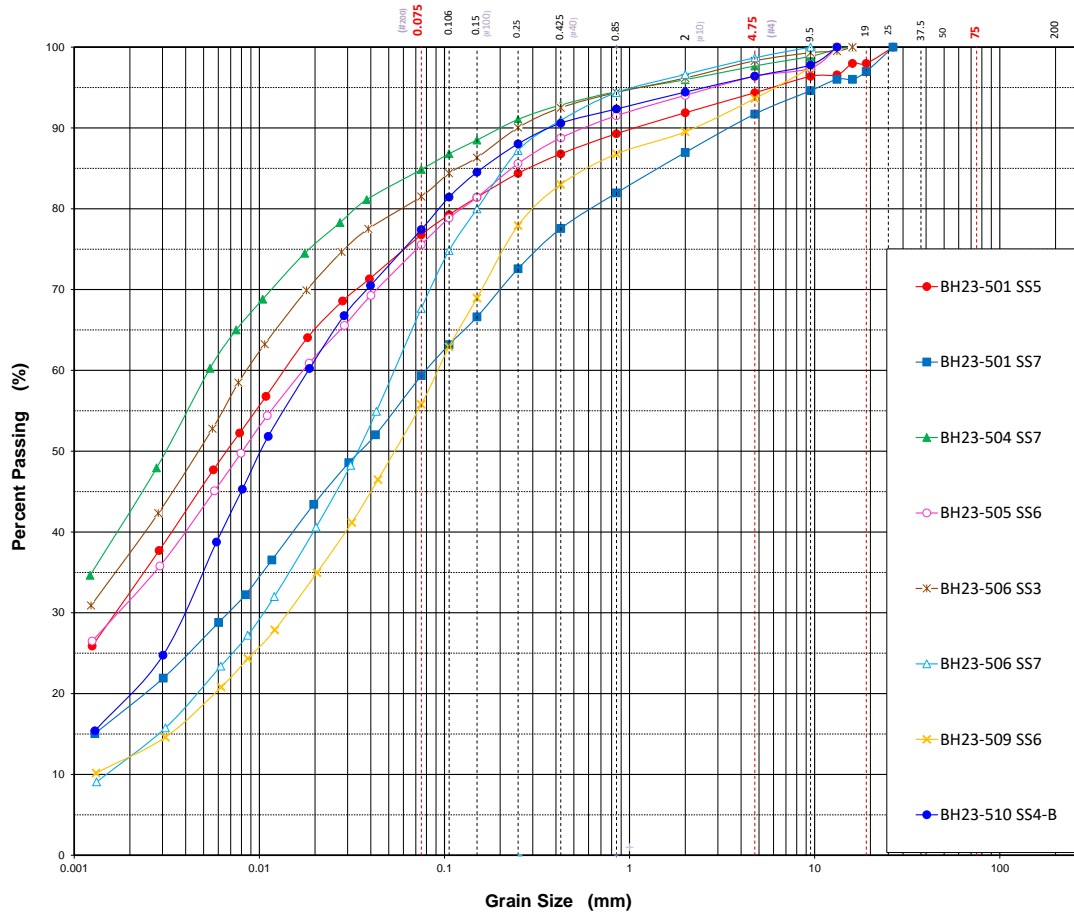
Silt and Clay		Sand			Gravel		Cobble +
Clay	Silt	Fine	Medium	Coarse	Fine	Coarse	
 DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca	Project	Preliminary Geotechnical Investigation				Project No	23-264-100
	Location	12455 Creditview Road, Caledon, ON.				Date	Sep-19-2023
	Client	Argo Alloa (BT) Corporation				Figure No	13


Particle Size Distribution (ASTM-D421/D422)



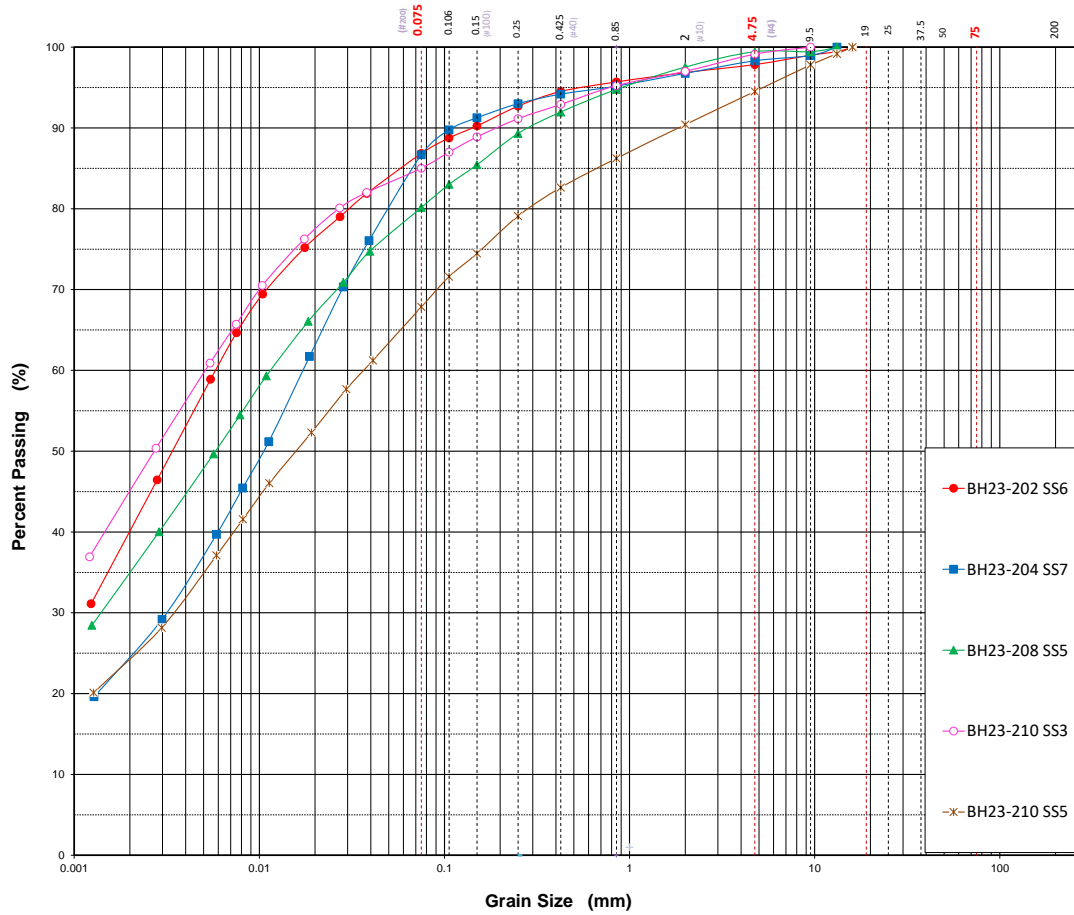
Silt and Clay		Sand			Gravel		Cobble +
Clay	Silt	Fine	Medium	Coarse	Fine	Coarse	
 DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca	Project	Preliminary Geotechnical Investigation				Project No	23-266-100
	Location	12156 Chinguacousy Rd., Caledon, ON				Date	Aug-21-2023
	Client	Mayfield West III				Figure No	5


Particle Size Distribution (ASTM-D421/D422)



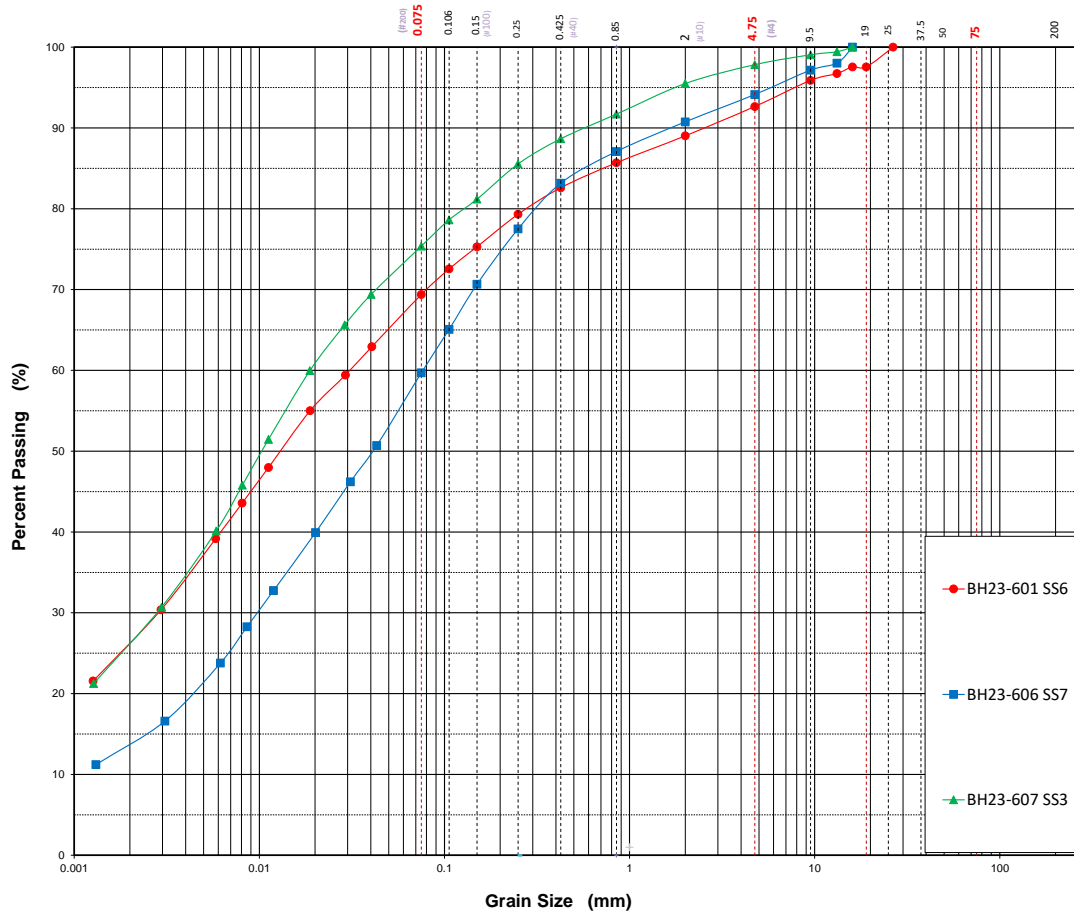
Silt and Clay		Sand			Gravel		Cobble +
Clay	Silt	Fine	Medium	Coarse	Fine	Coarse	
 <p>DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca</p>	Project	Preliminary Geotechnical Investigation				Project No	23-267-100
	Location	12101 Creditview Road, Caledon				Date	Sep-01-2023
	Client	12101 Creditview Development Limited				Figure No	15


Particle Size Distribution (ASTM-D421/D422)



Silt and Clay		Sand			Gravel		Cobble +
Clay	Silt	Fine	Medium	Coarse	Fine	Coarse	
 DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca	Project	Preliminary Geotechnical Investigation				Project No	23-265-100
	Location	12306 Chinguacousy Rd, Caledon, ON.				Date	Aug-21-2023
	Client	Argo Mayfield West II Limited				Figure No	12

Particle Size Distribution (ASTM-D421/D422)



Silt and Clay		Sand			Gravel		Cobble +
Clay	Silt	Fine	Medium	Coarse	Fine	Coarse	
 DS CONSULTANTS LTD. 6221 Highway 7, Unit 16 Vaughan, Ontario, L4H 0K8 Telephone: (905) 264-9393 www.dsconsultants.ca	Project	Preliminary Geotechnical Investigation (South Parcel)			Project No	23-320-100	
	Location	12101 Creditview Rd., Caledon, ON			Date	Aug-21-2023	
	Client	856363 Ontario Inc.			Figure No.	9	