

August 15, 2025

Prologis 185 The West Mall, Suite 700 Toronto, Ontario M9C 5L5

Attention: Carlos Canejo

Director, Development

Re: Supplementary Geotechnical Recommendations for Interim SWM Pond

12519 Humber Station Road, Caledon, Ontario

Pinchin File: 308567.003

Pinchin Ltd. (Pinchin) is pleased to provide this letter with supplementary geotechnical recommendations for a proposed Interim Stormwater Management (SWM) Pond to be constructed at 12519 Humber Station Road in Caledon, Ontario (Site). Pinchin had previously conducted geotechnical investigations at this Site for the proposed industrial development. The most recent Geotechnical Report for the overall Site is a Supplemental Geotechnical Investigation Report dated November 25, 2024 which was issued under Pinchin File number 308567.002 (the 2024 Pinchin Report). Pinchin also prepared a letter with supplemental geotechnical recommendations for Building 1. That letter was issued September 27, 2024 (the 2024 Pinchin Letter).

Pinchin has now been provided with Crozier Consulting Engineers Drawing C607 (Revision 2 – Re-Issued for SPA Submission), dated August 6, 2025 (the Crozier Drawing). The drawing shows the design for an interim SWM Pond located near the southeast corner of the Site (based on project north). Pinchin has been asked to provide geotechnical recommendations for design of that interim SWM Pond, including side slope and liner requirements. As well, commentary on slope stability at the outlet structure's headwall has been requested. The purpose of this letter is to provide those geotechnical recommendations.

The supplemental geotechnical recommendations should be read in conjunction with the 2024 Pinchin Report. The terms and limitations noted in the 2024 Pinchin Report apply to this letter.

PREVIOUS WORK

Pinchin previously conducted geotechnical fieldwork for this project in 2022 and 2023. Fourteen (14) of the previous boreholes (Boreholes BH3, BH7, BH166-BH171, BH173-BH175, BH178, and BH179) were completed in the general vicinity of the proposed interim SWM Pond. The locations of those boreholes are provided in Figure 1; and the logs of the boreholes are attached. The native soils in the area of the proposed interim SWM Pond generally comprise very stiff to hard silty clay till. Ground surface elevations at the boreholes within the footprint of the proposed interim SWM Pond were surveyed to be between Elevation 232.9 to 234.1 masl. The closest monitoring well installed by Pinchin (Borehole MW168) had a measured groundwater level at Elevation 231.1 masl on May 26, 2023.

E-mail: ccanejo@prologis.com



12519 Humber Station Road, Caledon, Ontario Prologis

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CROZIER DRAWING

The Crozier Drawing shows the design bottom of forebay and main cell elevations to be 229.1 and 229.6 masl, respectively. The permanent pool level is at about Elevation 230.6 masl. The design side slopes are set at 3H:1V above the waterline; and, 5H:1V below the waterline. The exception to this is the lowest 0.4 to 0.9 m of the portion of slope below the waterline, which is set at 3H:1V. Proposed grades of the access road around the interim SWM Pond are around Elevation 233.0 masl.

DISCUSSION

Based on the soil and groundwater information from the previous Geotechnical investigations, and the interim SWM Pond design noted on the Crozier drawings, the soil exposed at the sides and bottom of the SWM Pond are expected to comprise glacial till consisting of very stiff to hard silty clay. Excavations for construction are expected to extend below the stabilized groundwater table; however, rates of groundwater seepage from the silty clay till are expected to be low. Higher seepage rates may be encountered if saturated sandy seams within the glacial till are exposed in the excavation; however, the higher seepage would be expected to be relatively brief.

As per Section 5.7 of the 2024 Pinchin Report, a clay liner is recommended for SWM facilities due to the presence of sand layers in the glacial till. The liner should comprise clay placed in three (3) lifts, each 150 mm thick. Each lift should be compacted to at least 98% SPMDD with a sheepsfoot packer. The clay must have a hydraulic conductivity of less than 1 x 10⁻⁷ cm/s. It is expected that portions of the glacial till excavated for pond construction will be suitable for use as liner material. Based on the aforementioned proposed pond bottom and permanent water level elevations as well as groundwater elevation previously recorded, buoyancy of the clay liner must be considered during construction of the interim SWM pond and until permanent water levels within the SWM pond are established. Dewatering of the subgrade soils may be required during construction and until permanent pond water levels are established if there is longer-term seepage occurring from the glacial till.

If there are any larger saturated sand seams present within the glacial till above the permanent pool level, slope subdrains may be required to ensure groundwater does not locally damage the liner. This should be further assessed by geotechnical inspection during construction of the interim SWM Pond.

Headwall structures are expected to bear on very stiff to hard glacial till. Footings on this material may be designed using a bearing resistance for 25 mm of settlement at Serviceability Limit States of 150 kPa, and a factored geotechnical bearing resistance of 225 kPa at Ultimate Limit States (ULS).

The proposed SWM Pond side slopes in the Crozier Drawing generally match the recommendations in the 2024 Pinchin Report and are considered acceptable.

Pinchin was provided with a copy of a Draft Slope Stability Analysis Report by PNJ Engineering Inc. (the PNJ report, dated June 19, 2025, Project No. 25-1211-04). The slope analysed is located to the east of

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12519 Humber Station Road, Caledon, Ontario Prologis

Pinchin File: 308567.003

August 15, 2025

the proposed interim SWM Pond (northeast based on true north). The headwall for the proposed outlet structure of the interim SWM Pond is located near the long-term stable top of slope identified in the PNJ report. Based on PNJ's analysis, the slope cross section closest to the proposed headwall had a Factor of Safety against global instability of 1.7, which is higher than the typical required Factor of Safety. As such, no special requirements are needed to be considered in relation to the stability of the slope at the headwall.

It is noted that the PNJ report reviewed is a draft report, and the finalized version of the report should be reviewed. Pinchin has not performed any slope stability investigation or analysis to confirm the recommendations or results of the PNJ report.

It is understood that the interim SWM pond will be in use for approximately two years, after which it will be decommissioned. Following draining, the sides and bottom of the Interim SWM pond should be inspected by geotechnical staff to identify softened soils that need to be removed prior to filling. The interim SWM pond should then be filled with engineered structural fill conforming to the requirements of Section 5.2 of the 2024 Pinchin Report. The sides of the interim SWM pond should be benched during fill placement. Use of soils similar to the surrounding undisturbed native soils (i.e. silty clay) is recommended. An initial lift of sandier soils may be needed, depending on the stability of the soils at the bottom of pond.

The storm pipe between the interim SWM pond and the outlet headwall should be removed or filled with low strength concrete, if not being maintained. Similarly, if not being maintained, the headwall structure should be fully removed, including any foundations. If the storm pipe is being removed, it is recommended that soils similar to the surrounding undisturbed native soils (i.e. silty clay) be used to backfill the trench in order to avoid creating a preferential seepage route.

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Supplementary Geotechnical Recommendations for Interim SWM Pond

12519 Humber Station Road, Caledon, Ontario Prologis

August 15, 2025 Pinchin File: 308567.003

We trust that this letter is suitable for your current requirements. If you require further information, please contacted the undersigned.

Sincerely,

Pinchin Ltd.

Prepared by:

Reviewed by:

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Encl.: Figure 1 – Borehole Location Plan

Appendix I - Borehole Logs - Boreholes BH3, BH7, BH166-BH171, BH173-BH175, BH178, and BH179

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Template: Master Template for Peer Review Letter, EDR, May 28, 2019

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Figure 1
Borehole Location Plan



Appendix I

Borehole Logs
Boreholes BH3, BH7, BH166-BH171, BH173-BH175, BH178, and BH179



Project #: 308567.001 **Logged By:** KS

Project: Geotechnical Investigation

Client: Prologis

Location: 12519 & 12713 Humber Station Drive, Caledon, Ontario

Drill Date: April 16, 2022 Project Manager: SA

				ו וווזע	Jate: 1	April '	10, ∠0.	ZZ		Project Mana	ger: SA
		SUBSURFACE PROFILE							SAMPLE		
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Shear Strength [△] kPa [△] 100 200	Water Content • % • 10 20
0-		Ground Surface	234.22	*							
- -		Topsoil Dark brown silt, trace sand, with organics - 150 mm	233.46		SS	1	100	5			•
1-		. Silt Reddish brown silt, some clay, trace sand,loose, wet			SS	2	100	17			
2-		Silt, some clay, trace sand and gravel, compact, moist			SS	3	100	20			
- 3-			231.17	ell Installed -							
4-		Brown, dense		No Monitoring Well Installed	SS	4	100	45			•
5-		Greyish brown, compact	229.65	2	SS	5	100	22			
6-		Greyish brown silt, some sand trace clay and gravel, very dense	228.12	±	SS	6	100	77			•
7- 8-		End of Borehole Borehole terminated at 6.6 mbgs.									
9-											

Contractor: TEC Grade Elevation: 234.22 masl

Drilling Method: Solid Stem Augers

Top of Casing Elevation: NA

Well Casing Size: NA Sheet: 1 of 1



Project #: 308567.001 **Logged By:** KS

Project: Geotechnical Investigation

Client: Prologis

Location: 12519 & 12713 Humber Station Drive, Caledon, Ontario

Drill Date: April 17, 2022 Project Manager: SA

				ו וווזע	Jale:	Aprii	17, 20.	<u> </u>		Project Mana	ger: SA
		SUBSURFACE PROFILE	.						SAMPLE		
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Shear Strength [△] kPa [△] 100 200	Water Content • % 10 20
0-		Ground Surface	233.76	T							
-		Topsoil Dark brown silt, trace sand, with organics - 150 mm	233.00		SS	1	80	9			
1-	 	Reddish brown silt, some clay, trace sand and gravel, loose, moist	233.00		SS	2	75	18			•
-		Compact			SS	3	60	15			
2-				nstalled	33	3	00	13			
3-	<u> </u>	Dense	230.71	ng Well li	SS	4	60	32	<u></u>		•
4-			229.19	 No Monitoring Well Installed 							
5-		Grey, compact			SS	5	40	14			•
6-		Grey silt, trace sand,and gravel	227.66	•	SS	6	40	22			
7-		End of Borehole Borehole terminated at 6.6 mbgs.									
8-											

Contractor: TEC Grade Elevation: 233.76 masl

Drilling Method: Solid Stem Augers

Top of Casing Elevation: NA

Well Casing Size: NA Sheet: 1 of 1



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 6, 2023 Project Manager: JD

		SUBSURFACE PROFILE			<u> </u>				SAMPLE	joot manager i	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-		Ground Surface Topsoil Dark brown silt, trace sand, with	233.08	T	SS	1	60	8	9		
1-		organics - 240mm Silty Clay Till	0.76	Installed	SS	2	75	17			
2-		Brown with some grey mottling silty clay with sand, trace gravel, firm, APL layer of sand, very stiff	231.55 1.52 230.79	No Monitoring Well Installed	SS	3	65	25			
3-		trace orange oxidation trace rock, hard	230.79 2.29 230.03	No Monit	SS	4	90	33			
-		very stiff End of Borehole	3.05 229.42 3.66	±	SS	5	100	25			
4		Borehole terminated at approximately 3.7 mbgs. At drilling completion, the borehole was open and dry.									

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 233.1 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 2, 2023 Project Manager: JD

		SUBSURFACE PROFILE			<u> </u>				SAMPLE	oot managerr o	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	~	Ground Surface Topsoil Dark brown silt, trace sand, with	234.35 0.00	T	SS	1	55	6	٩		
1-		organics - 305mm	233.59 0.76	nstalled	ss	2	0	16			
2-		Brown with some grey mottling silty clay, trace gravel, firm, APL No recovery	232.83 1.52	No Monitoring Well Installed	SS	3	75	25			
-		with black staining, trace orange oxidation, very stiff to hard	231.30	lo Monito	ss	4	100	38			
3-		Grey, trace gravel, DTPL	3.05 230.69 3.66	≥	SS	5	100	35			
4 —		Borehole terminated at approximately 3.7 mbgs. At drilling completion, a dry cave was measured at 3.0 mbgs.									

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 234.4 masl

Top of Casing Elevation: N/A



Log of Borehole: BH168(MW)

Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 2, 2023 Project Manager: JD

		SUBSURFACE PROFILE		<i>-</i>					SAMPLE	oot manager i	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	3	Ground Surface	231.87 0.00								
-	7	Topsoil Dark brown silt, trace sand, with organics - 150mm	0.00		SS	1	50	5			
1-	Ħ	Silty Clay Till	220.25		SS	2	50	19			
2-	H	Brown with some grey mottling silty clay with sand, trace gravel, firm, APL	230.35 1.52		SS	3	65	24			
-		with black staining, trace orange oxidation, very stiff Brown	229.58	Riser Riser	SS	4	100	26	1		
3-			228.82 3.05	atonit							
-	H	Grey	3.03	Ber	SS	5	65	27			
4-											
-	1			reen T							
5-				Screen Screen Silica Silica	SS	6	65	24			
-											
6-		No recovery	225.77 6.10								
-		The receivery	225.16		SS	7	0	47			
7-		End of Borehole	6.71								
		Borehole terminated at approximately 6.7 mbgs.									
8-		Water Level Reading Date Water Depth (mbgs)									
-		May 26, 2023 0.8									
9-											
-											
10-											

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: 51 mm

Grade Elevation: 231.9 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 2, 2023 Project Manager: JD

		SUBSURFACE PROFILE					uary	<u> </u>	SAMPLE	oot manager e	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	~	Ground Surface Topsoil Dark brown silt, trace sand, with	234.09 0.00	T	SS	1	65	4	Q		
1-		organics - 175mm Silty Clay Till	233.33 0.76		SS	2	70	19			
2-		Brown silty clay with sand, trace gravel, soft, APL with some grey mottling and black	232.56 1.52	Installed	SS	3	85	23			
-		staining, stiff trace orange oxidation trace rock, very stiff to hard	231.80	No Monitoring Well Installed	SS	4	90	30			
3-				No Monito	SS	5	100	23			
4-			229.52 4.57								
5-	Ħ	Grey, trace gravel, very stiff, DTPL End of Borehole	228.91 5.18	±	SS	6	90	17			
6		Borehole terminated at approximately 5.2 mbgs. At drilling completion, a dry cave was measured at 4.4 mbgs.									

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 234.1 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 2, 2023 Project Manager: JD

Concentration (ppm)	boratory	
	Lal ,	Laboratory Analysis

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 234.1 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 6, 2023 Project Manager: JD

		SUBSURFACE PROFILE		<i></i>				•	SAMPLE	oot manager i	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	7	Ground Surface Topsoil Dark brown silt, trace sand, with	232.29 0.00	T	SS	1	60	5	9		
1-		organics - 230mm Silty Clay Till	231.53 0.76		SS	2	60	9			
2-		Brown silty clay with sand, trace orange oxidation, firm, APL with some grey mottling black staining, firm to hard		No Monitoring Well Installed	SS	3	75	23			
3-		otaliing, iiiii to hala		oring Wel	SS	4	100	35			
- -		trace rock	228.79 3.51	No Monit	SS	5	65	39	-		
4- - - 5-		Grey, trace gravel, DTPL	227.72 4.57 227.11 5.18		SS	6	40	47			
6		End of Borehole Borehole terminated at approximately 5.2 mbgs. At drilling completion, the borehole was open and dry.	5.18								

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 232.3 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 2, 2023 Project Manager: JD

		SUBSURFACE PROFILE					uai y	<u> </u>	SAMPLE	cot managen e	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	~	Ground Surface Topsoil	233.42 0.00	T	SS	1	55	5	G		
-		Dark brown silt, trace sand, with organics - 175mm	232.66 0.76			•					
1-		Silty Clay Till Brown with some grey mottling	0.70		SS	2	65	18			
2-	H	sandy silty clay, trace gravel, firm, APL with black staining, trace orange		l Installe	SS	3	65	25			
-		oxidation, very stiff to hard	230.38	No Monitoring Well Installed	ss	4	85	33			
3-		Brown, trace rock, hard, DTPL	3.05	Jo Monite	ss	5	100	81			
4-			228.85								
5-	Ħ	Grey, trace gravel and rock, very stiff	228.85 4.57 228.24 5.18	▼	SS	6	100	17			
6- 6- - 7- - - 8-		End of Borehole Borehole terminated at approximately 5.2 mbgs. At drilling completion, a dry cave was measured at 4.4 mbgs.									
9-											
10-											

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 233.4 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 6, 2023 Project Manager: JD

		SUBSURFACE PROFILE					uui y		SAMPLE	oot manager i	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	~	Ground Surface Topsoil Dark brown silt, trace sand, with	232.96	1	SS	1	85	5	9		
1-		organics - 255mm Silty Clay Till Brown silty clay, trace gravel, trace	232.20 0.76		SS	2	75	16			
2-		orange oxidation, firm, APL with some grey mottling and black staining, very stiff	230.68	No Monitoring Well Installed	SS	3	100	22			
3-		Brown, hard	2.29 229.91 3.05	itoring We	SS	4	100	31			
-		trace rock	3.03	- No Mon	SS	5	100	31			
4-		No recovery	228.39 4.57								
5-		End of Borehole	227.78 5.18	▼	SS	6	0	27	ф		
6		Borehole terminated at approximately 5.2 mbgs. At drilling completion, a dry cave was measured at 4.4 mbgs.									

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 233.0 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 7, 2023 Project Manager: JD

		SUBSURFACE PROFILE							SAMPLE		
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	}	Ground Surface	231.79 0.00	T							
-	Ĭ	Topsoil Dark brown silt, trace sand, with organics - 175m	231.03 0.76		SS	1	50	5			
1-		Silty Clay Till			SS	2	75	8			
2-	A	Brown silty clay with sand, trace gravel, trace orange oxidation, firm, APL	230.27 1.52	No Monitoring Well Installed	SS	3	90	16			
-		trace black fragment with some grey mottling and black staining, very stiff	229.50 2.29	ıg Well I	SS	4	100	33			
3-		hard	228.74 3.05	iitorir							
-		trace rock	0.00	Jo Mor	SS	5	100	35	<u> </u>		
4-			227 22								
5-		Grey, trace gravel and rock, very stiff, DTPL	227.22 4.57 226.61 5.18		SS	6	35	20			
-		End of Borehole	5.18								
6-		Borehole terminated at approximately 5.2 mbgs. At drilling									
-		completion, the borehole was open and dry.									
7-											
-											
8-											
-											
-											
9-											
10-											
_											

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 231.8 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 2, 2023 Project Manager: JD

		SUBSURFACE PROFILE							SAMPLE	oot manager t	
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis
0-	~ :	Ground Surface	233.78	*							
-		Topsoil Dark brown silt, trace sand, with organics - 150mm	0.00		SS	1	65	5			
1-	Ħ	Silty Clay Till Brown with some grey mottling	232.25	Installe	SS	2	60	22			
2-	Ħ	silty clay with sand, trace gravel, firm to stiff, APL with black staining, trace orange	1.52	oring We	SS	3	85	19			
-	Ħ	oxidation, layer of sand, very stiff /	231.49 2.29	No Monitoring Well Installed	SS	4	95	32			
3-		trace rock	230.73 3.05 230.12 3.66	Z 	SS	5	100	37	7		
4- - - 5- - 6-		End of Borehole Borehole terminated at approximately 3.7 mbgs. At drilling completion, the borehole was open and dry.	5.55								
7— - - 8— 8— - -											
10-											

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 233.8 masl

Top of Casing Elevation: N/A



Project #: 308567.002 Logged By: SL

Project: Geotechnical Investigation for Proposed Industrial Development

Client: Prologis

Location: 12519 & 12713 Humber Station Road, Caledon, Ontario

Drill Date: February 7, 2023 Project Manager: JD

SUBSURFACE PROFILE						SAMPLE						
Depth (m)	Symbol	Description	Elevation (m)	Monitoring Well Details	Sample Type	Sampler #	Recovery (%)	SPT N-Value	Standard Penetration N-Value	Soil Vapour Concentration (ppm)	Laboratory Analysis	
0-	\sim	Ground Surface Topsoil Dark brown silt, trace sand, with	232.02 0.00	T	SS	1	75	4	7			
1-		organics - 240mm Silty Clay Till Brown silty clay with sand, trace gravel, trace orange oxidation, firm, APL some sand with black staining, trace rock, very stiff to hard	231.26 0.76 230.49 1.52	I I No Monitoring Well Insta	SS	2	65	7				
2-					SS	3	100	24				
3-	\mathcal{A}				SS	4	100	38				
3- - -		layer of sand, very stiff End of Borehole	3.05 228.36 3.66		SS	5	100	29				
4— 5— 6— 7— 8— 9—		Borehole terminated at approximately 3.7 mbgs.										

Contractor: Geo-Environmental Drilling Inc.

Drilling Method: Split Spoon / Hollow Stem Auger

Well Casing Size: N/A

Grade Elevation: 232.0 masl

Top of Casing Elevation: N/A