



Soil Borelog

Lot 70, Unity Drive, Sheidow Park

Project No: 132001

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Sampled by: Intrax Consulting Engineers

Method: Push Tube

Logged by: J.L.*

Date of Fieldwork: 16/10/2019

BH1 (m)	BH2 (m)	BH3 (m)	BH4 (m)	Colour	Consistency & Structure	Moisture content	Soil Description	USC	Est. Ips	Reactivity	Bearing
0.00	0.20	0.00	0.20	0.00	0.20	0.00	0.20		0.015	M	L
0.20	0.60	0.20	0.60					CI	0.015	M	M
0.60	0.65	0.60	1.70	0.20	0.50			ML	0.002	L	H

YS = 11 YS = 12 YS = 5 YS = 0

Yst = 12 Yst = 14 Yst = 5 Yst = 0

Water Table: Not encountered during Drilling

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YS = 12

Yst = 14

Yt = 2

Site Soil Classification:

"Due to Soil reactivity"

"Due to Tree influence"

"S"

"P"

Abbreviations & Symbols			Consistency*		Density*		Moisture*		Plasticity/Reactivity		USCS Abbreviations		
MC	Moisture Content	VS	Very Soft	Fb	Friable	D	Dry	L	Low	GW	Gravel-sand	ML	Inorganic Silt/Clay
PL	Plastic Content	S	Soft	VL	Very Loose	SM	Slightly Moist	M	Medium	GP	Gravel-Sand	MH	Inorganic Silt
>	Greater than	F	Firm	L	Loose	M	Moist	H	High	GM	Gravel-Silt	OL	Organic Silt
<	Less than	St	Stiff	M	Medium Dense	W	Wet	NP	Non Plastic	GC	Gravel-Clay	CL	Inorganic Clay (MP)
~	Approximately equal to	VSt	Very Stiff	D	Dense	Sat	Saturated	LP	Low Plasticity	SW	Sand-Gravels	CH	Inorganic Clay (HP)
DCP	Dynamic Cone Penetrometer	H	Hard	VD	Very Dense			HP	High Plasticity	SP	Sand-Gravels	OH	Organic Clay
												Pt	Peat (highly organic)
												SC	Sand-Clay
Remarks													

Remarks

- 1) The Instability Index (Ipt) for the soil between 3m to 4m has been assumed to be that of the soil encountered at the base of the bore.
- 2) Water table was not encountered during drilling.
- 3) 'If the site is classified as 'P', it is due to the presence of nearby trees (which affects the soil suction profile) '.