



# Borehole No: BH20-05

Project: Geotechnical Site Evaluation

Project No: 704-ENG.WARC03692-01

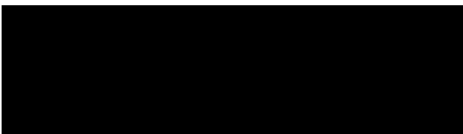
Location: Beaver Creek Sewage Lagoon

Ground Elev: 639.4 m

Beaver Creek, Yukon

UTM: 508078 E; 6921167 N; Z 7 WGS84

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	SPT (N)	Moisture Content (%)		Elevation (m)	
							Plastic Limit	Liquid Limit		
0										
0.5	Sonic	PEAT and SILT	Unfrozen		SA23		3.9		639	
1.0		SAND - some gravel, traces of silt and organics, sand is fine to medium, gravel subrounded, to 25 mm diameter, damp, brown, occasional frozen lumps with no visible ice.			SA24	52	2.5		638	
1.5		GRAVEL - sandy, trace of silt, sand is fine to coarse, gravel subrounded, to 75 mm diameter, damp, grey-brown, occasional cobbles and boulders.			SA25		2.5		637	
2.0		- thin (~50 mm) layer of brown, silty, organicy sand at 2.1 m								
2.5		- moist below 2.7 m		Probable permafrost (Nf, dry) at depth, no visible evidence of ground ice or permafrost observed in sonic core		SA26	13	4.8		636
3.0		- wet between 3.1 and 4.3 m, possibly from water introduced during the drilling process				SA27			2.8	
3.5						SA28	23	6.9		635
4.0										
4.5						SA29			1.6	
5.0						SA30	15/ 25mm			
5.5										
6.0			SA31				4.4			
6.5			SA32		30	6.5		632		
7.0			SA33				6.6			
7.5										
8.0										
8.5										
9.0		END of BOREHOLE at 9.1 m (Target Depth).						630		
10.0								629		
11.0								628		
12.0								627		
13.0								626		
14.0								625		
15.0								624		
16.0								623		
17.0								622		
18.0								621		
19.0								620		
20.0								620		



Contractor: [REDACTED]

Completion Depth: 9.1 m

Drilling Rig Type: TerraSonic CC150

Start Date: May 28, 2020

Logged By: AWW

Completion Date: May 28, 2020

Reviewed By: JRT

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