



Borehole No: MW20-01

Project: Geotechnical Site Evaluation

Project No: 704-ENG.WARC03692-01

Location: Beaver Creek Sewage Lagoon

Ground Elev: 639.8 m

Beaver Creek, Yukon

UTM: 508097 E; 6921054 N; Z 7 WGS84

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	Moisture Content (%)	Plastic Limit	Moisture Content	Liquid Limit	GTC No. 2742	MW20-01	Elevation (m)
0							20	40	80			639.8
0 - 1		SILT - gravelly, some sand, sand is fine to coarse, gravel subrounded, up to 25 mm diameter, moist, brown.	Unfrozen									
1 - 2		GRAVEL- sandy, trace of silt, sand is fine to coarse, gravel subrounded, up to 75 mm diameter, moist, grey-brown, occasional cobbles and boulders.			SA17	3.9						639
2 - 3		- frequent cobbles and boulders with coarse sand between 1.5 and 4.6 m			SA18	6.1						638
3 - 4			Probable permafrost (Nf, dry) at depth, no visible evidence of ground ice or permafrost observed in sonic core									637
4 - 5					SA19	1.2						636
5 - 6												635
6 - 7		- poor recovery (~50%) in sonic core below 6.1 m										634
7 - 8	Sonic				SA20	2.2						633
8 - 9												632
9 - 10												631
10 - 11												630
11 - 12					SA21	1.6						629
12 - 13		- wet below 12.2 m, possibly from water introduced during the drilling process										628
13 - 14												627
14 - 15					SA22	4						626
15 - 16		END of BOREHOLE at 15.2 m (Target Depth).										625
16 - 17		50 mm diameter PVC monitoring well and GTC No. 2742 (c/w datalogger No. 11008) installed to bottom of borehole.										624
17 - 18												623
18 - 19												622
19 - 20												621
20												620



Contractor: [REDACTED]
 Drilling Rig Type: TerraSonic CC150
 Logged By: AWW
 Reviewed By: JRT

Completion Depth: 15.2 m
 Start Date: May 28, 2020
 Completion Date: May 28, 2020
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