



Borehole No: BH20-06

Project: Geotechnical Site Evaluation

Project No: 704-ENG.WARC03692-01

Location: Beaver Creek Sewage Lagoon

Ground Elev: 640.1 m

Beaver Creek, Yukon

UTM: 508157 E; 6921096 N; Z 7 WGS84

Depth (m)	Method	Soil Description	Ground Ice Description	Sample Type	Sample Number	SPT (N)	Moisture Content (%)	Moisture Content Limits			Elevation (m)
								Plastic Limit	Moisture Content	Liquid Limit	
0		SILT - gravelly, some organics, traces of sand and clay, gravel subrounded, to 25 mm diameter, moist, brown.	Unfrozen		SA34		20.3				640
1		GRAVEL - sandy, trace of silt, sand is fine to coarse, gravel subrounded, to 75 mm diameter, damp, grey-brown.			SA35	10/25mm	5.2				639
2		- moist below 1.5 m			SA36		6.6				638
3		- drilled through cobble or boulder at 2.1 m			SA37	50/150mm					637
4		- damp below 4.0 m	Probable permafrost (Nf, dry) at depth, no visible evidence of ground ice or permafrost observed in sonic core		SA38		1.8				636
5	Sonic	- coarse gravel and cobbles with a trace of sand between 4.6 and 6.1 m, wet (possibly from drill water), no sample collected			SA39		4.8				635
6		- coarse sand and fine gravel ("pea gravel") between 6.1 and 7.0 m			SA40		7.1				634
7					SA41		6.1				633
8					SA42		5.7				632
9					SA43		3.4				631
10		END of BOREHOLE at 9.1 m (Target Depth).									630
11											629
12											628
13											627
14											626
15											625
16											624
17											623
18											622
19											621

	Contractor: [REDACTED]	Completion Depth: 9.1 m
	Drilling Rig Type: TerraSonic CC150	Start Date: May 29, 2020
	Logged By: AWW	Completion Date: May 29, 2020
	Reviewed By: JRT	Page 1 of 1