

CLIENT: [REDACTED]	PROJECT: Clinton Creek Remediation Project	BOREHOLE NO: BH18-15
DRILLER: [REDACTED]	Clinton Creek, Yukon	PROJECT NO: [REDACTED]
DRILL TYPE/METHOD: Sonic/HQ3	NORTHING: 7147905.3 EASTING: 513701.36	ELEVATION: 493.8 m
SAMPLE TYPE <input checked="" type="checkbox"/> TUBE	<input type="checkbox"/> NO RECOVERY <input checked="" type="checkbox"/> SPLIT SPOON <input type="checkbox"/> GRAB	<input type="checkbox"/> MUD RETURN <input type="checkbox"/> CORE RETURN

DEPTH (m)	POCKET PENETROMETER (kPa)		SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	ADDITIONAL INFORMATION	ELEVATION (m)
	100	200						
0				SAND and GRAVEL(SM) , silty, trace clay, fine to coarse grained sand, <8 cm dia., sub-rounded gravel, compact, light brown [Colluvium] NOTE: soil recently disturbed due to access trail construction			No frozen soils encountered. Thermistor #4750: Top node installed @ 0.0 m	493
1						G1	Groundwater seepage encountered at 1.2 m during drillig on 9/11/2018	492
2				BEDROCK , highly weathered, highly fractured, black, schist (evidence of schistosity and some quartz), pulverized by sonic [Quartz Muscovite Schist]				491
3								490
4								489
5								488
6								487
7								486
8								485
9				NO RECOVERY from 9.1 m to 9.7 m , small pucks from sonic			Switch to HQ3 Coring @ 9.1 m	484
10				BEDROCK , black with white veins (quartz/calcite), some oxidation staining in veins, non-crystalline			Core Run #1: (9.7 m - 10.7) TCR: 79%	

BOREHOLE LOG CLINTONCREEK.GPJ 1/17/19

[REDACTED]	LOGGED BY: [REDACTED]	COMPLETION DEPTH: 15.2 m
[REDACTED]	ENTERED BY: [REDACTED]	COMPLETION DATE: 9/12/2018
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DEPTH (m)	POCKET PENETROMETER (kPa)		SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NO	ADDITIONAL INFORMATION	ELEVATION (m)
	100	200						
10	PLASTIC M.C. LIQUID			non-isotropic, medium foliation, evidence of schistosity/foliations, slightly to medium weathered, weak to medium strong [Quartz Muscovite Schist] All fractures are joints, planar to semi-curved, mod. narrow, not healed, clean, dull. Joints are horizontal except between 10.21 m to 10.52 m which are dipping at 10° - 15°. No slickensides evident		Core1	NF = 17 RQD = 0%	483
11				NO RECOVERY from 10.7 m to 11.2 m, pulverized rock from HQ3				
12				BEDROCK , black with white veins (quartz/calcite), some oxidation staining in veins, non-crystalline, non-isotropic, medium foliation, evidence of schistosity/foliations, slightly to medium weathered, weak to medium strong [Quartz Muscovite Schist] All fractures are joints, planar to semi-curved, mod. narrow, not healed, clean, dull. Joints are horizontal except between 11.92 m to 12.04 m which are dipping at approx. 10°. Gouge 2 cm wide observed at 11.97 m		Core2	Core Run #2: (11.2 m - 12.2 m) TCR: 68% NF = 13 RQD = 0%	482
13				BEDROCK All fractures are joints, planar to semi-curved, mod. narrow, clean, dull. Joints are horizontal except at 12.3 m (70°), 12.65 m (15°), 13.31 m (45°), 13.41 m (20°). Possible gouge 2 cm wide at 13.59 m		Core3	Core Run #3: (12.2 m - 13.7 m) TCR: 105% NF = 21 RQD = 0%	481
14				MINIMAL RECOVERY , pulverized to sand			Thermistor #4750: Bottom node installed @ 14.0 m	480
15				BEDROCK All fractures are joints, planar to semi-curved, mod. narrow, clean, dull. Joints are horizontal. Gouge 2 cm thick at 14.9 m		Core4	Core Run #4: (14.7 m - 15.2 m) TCR: 37% NF = 9 RQD = 0%	479
16				END OF BOREHOLE @ 15.2 m - Water level @ 1.2 m at time of completion. - No frozen soils encountered. - 1 Thermistor installed in borehole. Thermistor taped to tremie pipe and backfilled with bentonite.				478
17								477
18								476
19								475
20								474

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