

Morrison Hershfield Ltd.

Borehole No: BH05

Project: Old Crow Sewage Lagoon Upgrade
 Location: SE Lagoon Berm (See Figure 1)
 Old Crow, YT

Project No: [REDACTED]
 Ground Elev: 247.02 m
 UTM: 548401 E; 7495311 N; Z 7

Depth (m)	Method	Soil Description	Graphical Representation	Ground Ice Description	Sample Type	Sample Number	SPT (N)	Moisture Content (%)			Standpipe	Thermistor Cable 2603	Elevation (m)
								Plastic Limit	Moisture Content	Liquid Limit			
0				Unfrozen								247	
0 - 0.9	Solid Stem Auger	GRAVEL (Fill) - coarse sandy, trace of silt, poorly graded, subrounded, gravel to 75 mm diameter, dry, loose (est.), brown. - damp to moist below 0.9 m				SA01		3.1					246
0.9 - 3.0	Solid Stem Auger					SA02		5.5					245
3.0 - 4.0						SA03	3	16.4	37.6	60			244
4.0 - 4.6		ORGANIC SILT - trace to some clay, wet, soft to very soft (est.), non-plastic, grey. - trace to some organics, trace sand below 4.6 m				SA04	5	37.6	37.6	60			243
4.6 - 7.0	Hollow Stem Auger					SA05	4	35.9	35.9	60			242
7.0 - 7.1		SAND - fine, uniformly graded, wet, compact, brown.				SA07	16	30.1	30.1	60			240
7.1 - 7.2		SAND and GRAVEL - coarse sand, gravel to 20 mm diameter, wet, compact, brown.				SA08		8.6					240
7.2 - 7.8						SA09	21	15.8	15.8	60			239
7.8 - 9.1						SA10	50 / 100mm	14.7	14.7	60			238
9.1 - 12.0		END of BOREHOLE at 9.1 m (Target Depth).											238



Contractor: Midnight Sun Drilling Inc. Completion Depth: 9.1 m
 Drilling Rig Type: MARL B-50 Start Date: September 10, 2016
 Logged By: [REDACTED] Completion Date: September 10, 2016
 Reviewed By: [REDACTED] Page 1 of 1