

Morrison Hershfield Ltd.

Borehole No: **BH08**

Project: Old Crow Sewage Lagoon Upgrade

Project No: [REDACTED]

Location: New Sludge Drying Beds (See Figure 1)

Old Crow, YT

UTM: 548276 E; 7495366 N; Z 7

Depth (m)	Method	Soil Description	Graphical Representation	Ground Ice Description	Sample Type	Sample Number	Moisture Content (%)	Plastic Limit	Moisture Content	Liquid Limit	Thermistor Cable 2604	Depth (ft)
0				Unfrozen								0
0 - 2.7	Solid Stem Auger	100 mm organic mat over: ORGANIC SILT - some fine sand, trace of clay, damp to moist, very soft (est.), non-plastic, grey.		Frozen, V _s to 15 mm diameter, up to 50% visible ice		SA01	31.2		45			0
2.7 - 3.0		- layer of fine, tan-brown sand at 2.7 m				SA02	26.2		45			2
3.0 - 6.7	CRREL Core Barrel	ORGANIC SILT - traces of clay and sand, frozen, non-plastic, grey.		V _s , V _x , V _i up to 50%		SA03	31.9		45			4
						SA04	21.7		45			6
						SA05	38.4		45			8
						SA06	34		45			10
						SA07	39.8		45			12
						SA08	39.5		45			14
						SA09	51.8		45			16
						SA10	9.2		45			18
6.7		SAND - gravelly, some silt, well graded, frozen, tan-brown.										20
6.7		END of BOREHOLE at 6.7 m (Target Depth).										22



Contractor: Midnight Sun Drilling Inc.

Completion Depth: 6.7 m

Drilling Rig Type: MARL B-50

Start Date: September 11, 2016

Logged By: [REDACTED]

Completion Date: September 11, 2016

Reviewed By: [REDACTED]

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