Project Name: Supplemental Phase II / III ESA **Test Hole ID:** **MW19-06**
Project Number: [redacted] **Site Location:** Carmacks Highway Maintenance Yard

Coordinates

Easting: 433331.26
Northing: 6885048.937
Datumn: NAD83 UTM Zone 08N

Drilling Details

Drill Contractor: [redacted]
Drill Date: **August 8, 2019**
Drill Method: **Sonic**
Maximum Drilled Depth (mbgs): **6.71**
Drillhole Diameter (mm): **152**

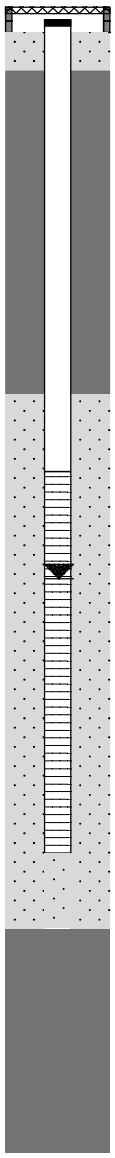
Lithologic Description

Depth (mbgs)	Symbol	Description
0		FILL: Brown sand and gravel, medium to coarse sand, medium to large gravel, some pebbles, trace silt, dry, loose, no odour
1		@ 0.8 mbgs, dense
2		@ 1.6 mbgs, brown silty sand, fine, minor cobbles, dense, moist, no odour
3		SAND AND GRAVEL: Grey, fine to coarse sand, large gravel, some cobble, trace silt, loose, moist, no staining
4		@ 3.6 mbgs, odour, stronger with depth
5		@ 4.6 mbgs, wet
6		COBBLES: rounded cobble, some large gravel, no sand, no silt, loose, wet, strong odour, no staining
7		SAND: brown, medium to coarse, no gravel, no silt, dense, wet
8		@ 7.0 mbgs, grey, finer sand with depth
9		@ 9.1 mbgs, end of borehole

Soil Sampling / Headspace Analysis

Depth (ftbgs)	Sample Type	% Recovery	Sample ID	Sample Analyzed (Y,N)	Vapour Readings (Instrument: MiniRae, Units: ppm)
2			MW19-06-01	N	2.1
5		100	MW19-06-02	N	1.9
8			MW19-06-03	N	8.2
12			MW19-06-04	Y	37.9
15		100	MW19-06-05/06	Y/Y	313.7
18			MW19-06-07	Y	431.9
22			MW19-06-08	Y	6.5
		100			
29			MW19-06-09	N	2.5

Well Construction Details



Comments

core6 ENVIRONMENTAL

Report Date: **August 2019**
Logged by: [redacted]
Approved by: [redacted]
Client: **Yukon Government**

MW19-06
Top of Casing Elevation (masl): **523.398**
Ground Elevation (masl): **523.47**
Screen Interval (mbgs): **3.66 - 6.71**
Depth to Bottom (mbTOC): **6.39**
Depth to Water (mbTOC): **4.514**
Water Level Date: **August 13, 2019**
Casing Diameter (in): **2**
Screen Slot Size: **10**
Casing Material: **PVC**