

Project Name: Supplemental Phase II / III ESA Test Hole ID: **MW19-21**

Project Number: [REDACTED]

Site Location: Carmacks Highway Maintenance Yard

Coordinates

Easting: 433265.359

Northing: 6885049.236

Datum: NAD83 UTM Zone 08N

Drilling Details

Drill Contractor: [REDACTED]
 Drill Date: August 8, 2019
 Drill Method: Sonic
 Maximum Drilled Depth (mbgs): 10.67
 Drillhole Diameter (mm): 152

Lithologic Description		Soil Sampling			Headspace Analysis	Elevation (masl)	Well Construction Details	
Depth (ftbgs) Symbol		Depth (ftbgs) Sample Type % Recovery	Sample ID	Sample Analyzed (Y,N)	Vapour Readings Instrument: MiniRae Units: ppm		MW19-21S	MW19-21D Comments
-1						522		Monument
0	TOPSOIL: brown, organic, some rootlets, some fine sand					521		Concrete
1	SILTY SAND: brown, fine sand, no gravel, dense, moist, no odour	2	MW19-21-01	N	0.8			
2	SAND: brown, fine sand, minor silt, no gravel, dense, wet, no odour	6	MW19-21-02	N	0			
3	SANDY GRAVEL: small to large gravel, coarse sand, trace silt, well graded, loose, wet, no odour	10	MW19-21-03	N	0			
4		12	MW19-21-04/05	Y/Y	0			
5	ROCK No Recovery	15	MW19-21-06	N	0			
6		21	MW19-21-07	N	0			
7	SAND AND GRAVEL: medium to coarse sand, large gravel, some cobbles, trace silt, wet, loose	25	MW19-21-08	N	0			
8	SAND: grey, fine to medium sand, no gravel, no silt, medium dense, wet, no odour					513		Bentonite Chips



Report Date: September 2019
Logged by: [REDACTED]
Approved by: [REDACTED]
Client: Yukon Government

MW19-21S
 Top of Casing Elevation (masl): 522.28
 Ground Elevation (masl): 521.45
 Screen Interval (mbgs): 1.22 - 4.27
 Depth to Bottom (mbTOC): 5.23
 Depth to Water (mbTOC): 3.434
 Water Level Date: August 13, 2019
 Casing Diameter (in.): 2
 Screen Slot Size: 10
 Casing Material: PVC

MW19-21D
 Top of Casing Elevation (masl): 522.47
 Ground Elevation (masl): 521.47
 Screen Interval (mbgs): 8.53 - 10.06
 Depth to Bottom (mbTOC): 10.725
 Depth to Water (mbTOC): 3.612
 Water Level Date: August 13, 2019
 Casing Diameter (in.): 2
 Screen Slot Size: 10
 Casing Material: PVC

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9	[Symbol]	28	[Symbol]	100	MW19-21-09	N	0.4			
	@ 9.1 mbgs, minor silt	29								
	SANDY SILT: grey, very fine sand, dense, wet, no odour	30								
		31								
		32	[Symbol]		MW19-21-10	N	0			
		33								
		34								
	@ 10.7 mbgs, end of borehole	35								
										10/20 Filter Sand PVC Screen



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