

Project Name: Supplemental Phase II / III ESA Test Hole ID: **MW19-10**

Project Number: [REDACTED]

Site Location: Carmacks Highway Maintenance Yard

Coordinates

Easting: 433293.328

Northing: 6885079.455

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 (mbgs) Symbol		Depth (ftbgs) Sample Type % Recovery	Sample ID	Sample Analyzed (Y,N)	Vapour Readings Instrument: MiniRae Units: ppm		MW19-10S	MW19-10D
-1						521		J-Plug
0	TOPSOIL: black, some rootlets					520		Monument
0.5	SAND AND GRAVEL: grey, fine to coarse, small to large gravel, subrounded, trace silt, loose, dry, no odour	1	MW19-10-01	N	4.5	520		Concrete
1.5	@ 1.6 mbgs, wet	5	MW19-10-02	N	5.1	519		
2.5		9	MW19-10-03	Y	5.4	518		
3	GRAVEL: some coarse sand, some cobble, subrounded, loose, wet, no odour	15	MW19-10-05	N	3.1	516		Bentonite Chips
6		20	MW19-10-04	Y	2.4	514		
7	SILTY SAND: grey silty sand, fine to very fine, dense, damp, no odour	22	MW19-10-06	N	2.4	513		
8	SAND: grey, medium to coarse, trace silt, no gravel, no odour	26	MW19-10-07	N	2.5	512		



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

MW19-10S
 Top of Casing Elevation (masl): 521.27
 Ground Elevation (masl): 520.337
 Screen Interval (mbgs): 1.22 - 4.27
 Depth to Bottom (mbTOC): 5.065
 Depth to Water (mbTOC): 2.433
 Water Level Date: August 13, 2019
 Casing Diameter (in.): 2
 Screen Slot Size: 10
 Casing Material: PVC

MW19-10D
 Top of Casing Elevation (masl): 521.19
 Ground Elevation (masl): 520.353
 Screen Interval (mbgs): 8.53 - 10.06
 Depth to Bottom (mbTOC): 10.65
 Depth to Water (mbTOC): 2.343
 Water Level Date: August 13, 2019
 Casing Diameter (in.): 2
 Screen Slot Size: 10
 Casing Material: PVC

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Depth (mbgs)	Symbol	Depth (ftbgs)	Sample Type	% Recovery	Sample ID	Sample Analyzed (Y,N)	Vapour Readings Instrument: MiniRae Units: ppm	Elevation (masl)	MW19-10S	MW19-10D	Comments
9	[Symbol]	29	[Symbol]	100	MW19-10-08	N	2.9	511			
	@ 9.6 mbgs, fine to very fine, some silt	31	[Symbol]		MW19-10-09	N	2.8				
10	[Symbol]	34	[Symbol]		MW19-10-10	N	0.7	510			Screen 10/20 Filter Sand
	@ 10.7 mbgs, end of borehole	35	[Symbol]								



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