



FIELD BOREHOLE LOG - ENVIRONMENTAL

Borehole No. MW1-19

Project Name: CoW - Crestview Sewage Lagoon Monitoring
GPS Coordinates: 673947 N
Project No.: 19130631
Location: Next to MW2-08
0491819 E
Date: 22 Oct 2019
Time: _____
Field Screening Method: _____
Contractor: Impact Well Drilling
Boring Method: RC
Equip. Model: _____
Completed by: D. Heffernan
Casing/Borehole Diameter: 6" casing, 4" borehole
Weather: -13 C sunny
Reviewed by: _____
Hammer Drop: NA
Hammer Weight: NA

DEPTH	SOIL STRATIGRAPHY	WELL SKETCH	DEPTH SCALE	SAMPLES				SAMPLE DESCRIPTION & BORING NOTES	
				Cond/Blows	Type	SCN No.	Recov		PID (ppm)
0'	(SW) SAND, med to fine, trace silt, brown, dry, compact (inferred)		3						
			6						
			9						
			12					at 10 ft hit silt/clay switched to tri-cone and added water	
			15						
			18						
			21					trace sand at 70 ft, interbedded??	
			24						
			27						
			30						
	33					water level at 33.15 m on 23 Oct 2019			
	36								
	39								
13 2'	Bedrock, black		42					gravel layer or broken bedrock at 130 ft	
								transitions to component bedrock at 132 ft	
	EOH							EOH at 135 ft	

SAMPLE CONDITION	SAMPLE TYPES	SPECIAL NOTES
DISTURBED GOOD FAIR LOST	A.S. - Auger sample C.C. - Sonic C.S. - Chunk sample (ODEX) D.P. - Direct Push S.S. - Split spoon H.V. - Hydro Vac	Est. Volume of drill water used: _____ L Depth of water: <u>33.15 m</u> BGS or TOP Date: <u>23 Oct 19</u> Time: <u>900</u> Drum No.: <u>0</u> Hrs productive: _____ Hrs delayed: _____

MONITORING WELL COMPLETION AND BOREHOLE ABANDONMENT DETAILS

1) Well ID: BH19-01

5) Screen Length: 1.5 m

2) Date: 23 Oct 2019

6) Approx. Water Level: 33.15 mbgs mbtop

3) Borehole Diameter: 4 in m

7) Approx. Well Depth: 41.05 mbgs mbtop

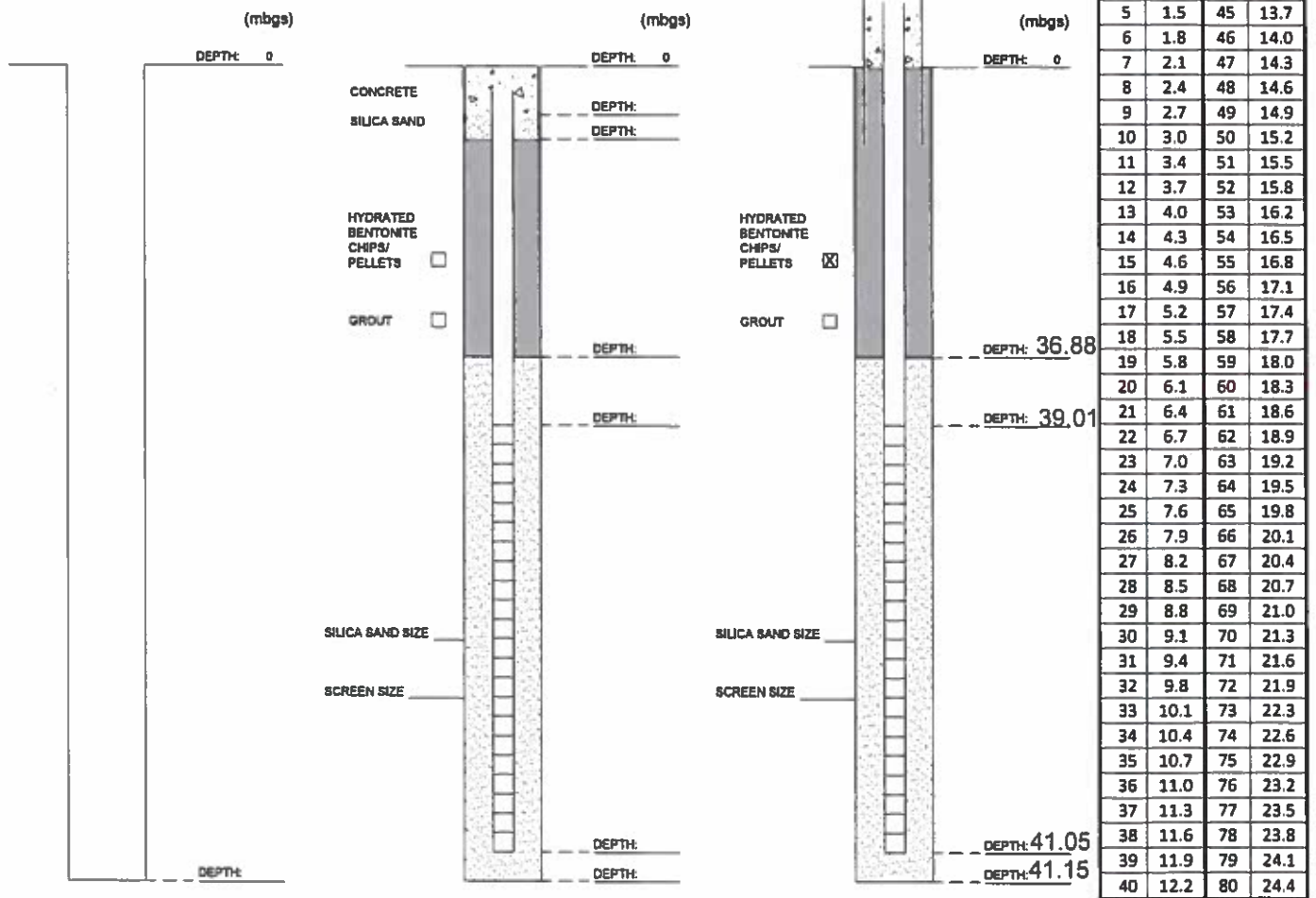
4) Standpipe Diameter: 2 in m

8) Stick-up Height: 0.97 mags
(Top of pipe)

BOREHOLE ABANDONMENT

FLUSHMOUNT WELL INSTALLATION

STICK-UP WELL INSTALLATION



MONITORING WELL INSTALLATION GUIDELINES

BENTONITE
 SILICA SAND
 CONCRETE
 SLOUGH

mbgs = meters below ground surface; mags = meters above ground surface; mbtop = meters below top of pipe