

Monitoring Well Network Project Peace Region, British Columbia, Canada		EERI-20	
Energy and Environment Research Initiative Dept of Earth, Oceans, & Atmospheric Sciences University of British Columbia		Date Drilled : 8/12/2019 - 8/13/2019 Location : Rolla, BC Equipment : Boart Longyear LS600 Sonic Track Logged By : Alex Nott Sampled By : Andrew Allen	Drilled By : Omega Environmental Drilling  Sonic (O.D. = 15.24 cm) : 0-23.2 m Air Rotary (O.D. = 12.7 cm) : 23.2-99.4 m
Depth in Meters	Water Info	GRAIN SIZE & LITHOLOGY gravel sand silt clay	DESCRIPTION
0			Topsoil, brown mottled clay with roots.
5			Clay, minor silt and coarse sand, minor oxidation
10			Silty clay diamict, 15-30% clast content generally increasing in % with depth. Granule/pebble clasts are sub-rounded to sub-angular. Matrix sand content increases slightly with depth. Gypsum mineral crystal precipitates common throughout interval. Oxidized diamict above bedrock interface.
15			Incompetant mudstone, interlayered with fine sand (unlithified). Oxidation is moderate to high, gypsum and limonite precipitates common. Switch from sonic to air rotary at 23.2 m.
20			Mudstone with lesser fine/v fine sandstone, proportions vary from 90/10 to 80/20. No major flow zones encountered.
25			
30			
35			
40			
45			
50			
55			
60			
65	@62.5 m moisture noted		
70			
75			
80	@82.3 m moisture noted		
85			
90			
95	@93.3 m moisture noted		
100			