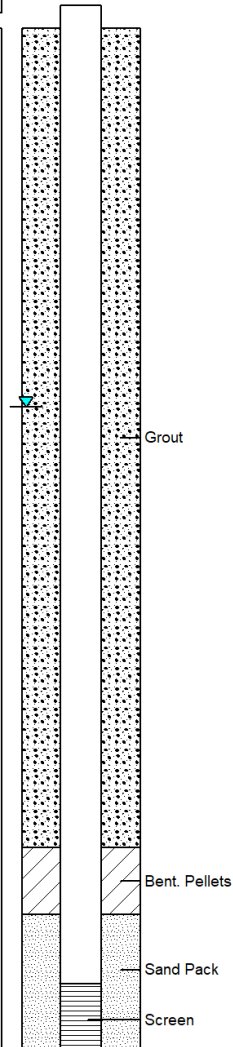
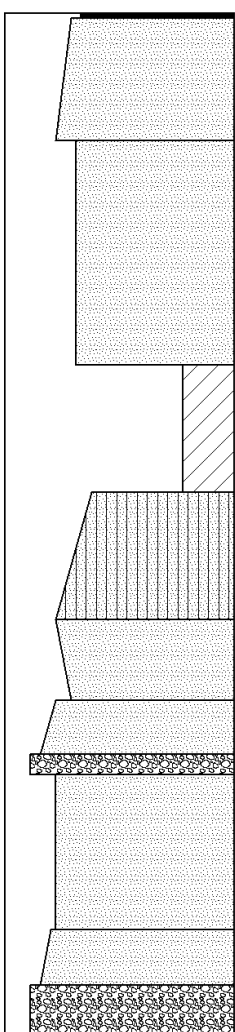


Monitoring Well Network Project Peace Region, British Columbia, Canada			EERI-22		
Energy and Environment Research Initiative Dept of Earth, Oceans, & Atmospheric Sciences University of British Columbia			Date Drilled : 8/14/2019 - 8/16/2019 Location : Moberly Lake, BC Equipment : Boart Longyear LS600 Sonic Track Logged By : Max Goetz Sampled By : Max Goetz		Drilled By : Omega Environmental Drilling Sonic (O.D. = 15.24 cm) : 0-44.5m Air Rotary (O.D. = 12.7 cm) : *Homemade screen : Slots cut, wrapped in landscape fabric
Depth in Meters	Water Info	Well: 4" PVC, "homemade screen"	GRAIN SIZE & LITHOLOGY		DESCRIPTION
			gravel	sand	
0	@5.5m beginning of saturated zone				Topsoil, organic rich, saturated medium sand, heavily oxidized. Upper fine sand grading to lower medium sand, no clasts, strong oxidation decreases with depth.
5			Lower fine sand, saturated, no clasts, minor v fine sand, minor oxidation.		
10					
15					Clay, grey, moist, minor silt, 5% clasts of granules/pebbles, matrix is very sticky.
20					Silty v fine sand to upper medium sand, potentially saturated.
25					Upper medium sand to v fine sand, no clasts.
30					Upper medium sand to lower coarse sand, 5% pebble clasts, moist matrix.
35					Coarse sandy gravel to gravely coarse sand, 60% pebble/cobbles, 40% coarse sand, light brown color, gravel is well rounded, quartzite and sandstone common. Lower medium sand, 0% clasts, likely saturated, black organics at 38m.
40					Upper medium sand to lower coarse sand, sharp contact with underlying gravel unit.
45	@26.2m Driller reports water loss to formation				Coarse sandy gravel, 85% gravel, 15% sands, gravels vary from pebble to boulders, mostly cobbles.