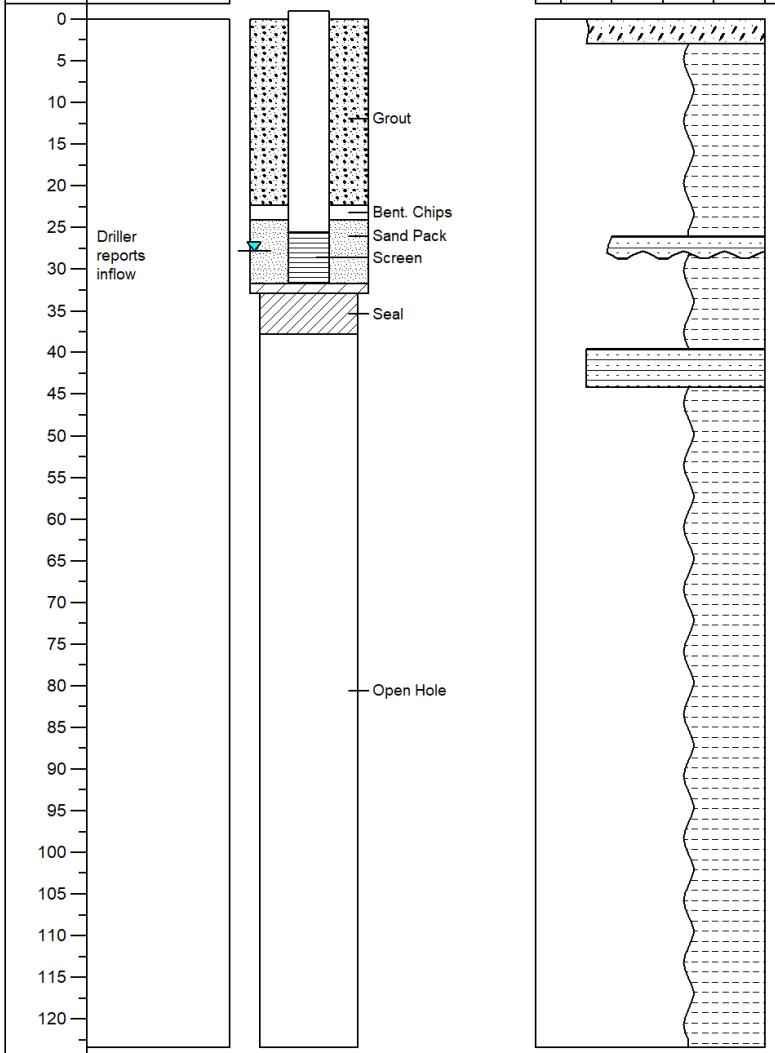
Monitoring Well Network Project
Peace Region, British Columbia, Canada

EERI-8

Energy and Environment Research Initiative
Dept of Earth, Oceans, & Atmospheric Sciences
University of British Columbia

Date Drilled	: 6/22/2019-6/23/2019	Drilled By	: Omega Environmental Drilling
Location	: Northwest Dawson Creek, BC		
Equipment	: Boart Longyear LS600 Sonic Track	Sonic (O.D. = 15.24 cm)	: 0-32.9 m
Logged By	: Max Goetz	Air Rotary (O.D. = 12.7 cm)	: 32.9-123.4 m
Sampled By	: Andrew Allen, Alex Nott		

Depth in Meters | Water Info | Well: 3" PVC, 0.020 slot | GRAIN SIZE & LITHOLOGY (gravel, sand, silt, clay) | DESCRIPTION



Fine sandy/clay silt diamict. Poorly sorted, very dense. 15% clasts (mostly granules and pebbles). Strong iron oxide staining.

Shale interbedded with siltstone and mudstone. Shaley parting common, black. Iron oxidation varies in intensity in this interval. @6m: strong iron oxidation. @10m and 21m: coal seam.

Fine sandstone with shale/siltstone interlayers. No iron oxidation. Some sandstone appears to not be lithified, could be from disturbance from sonic drilling.

Shale with fine sand and silt interlayers. Interlayers appear non-lithified. Unclear contact with overlying unit.

Medium sandstone. Some chips show minor iron oxidation. Minor shale/siltstone chips in samples. No inflow from formation

Shale with siltstone/sandstone interlayers. Fissile black/brown shale chips, light grey siltstone chips. No inflow from formation.