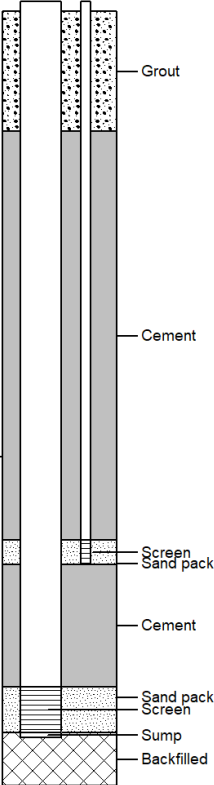


| Monitoring Well Network Project<br>Peace Region, British Columbia, Canada   |  | EERI-2   |   |
|---|--|--|---|
| Energy and Environment Research Initiative<br>Dept of Earth, Oceans, & Atmospheric Sciences<br>University of British Columbia |  | Date drilled : 8/26/2018-8/28/2018<br>Location : Sweetwater, 229 Road<br>Equipment : Sonic drill (truck mounted)<br>Logged by : Max Goetz<br>Sampled by : Andrew Allen | Drilled by : Mud Bay Drilling   |
| Depth in metres   | Water info   | GRAIN SIZE & LITHOLOGY   | DESCRIPTION   |
|   | Well1: 3" PVC, 0.020 slot<br>Well2: 3/4" PE<br>Elev.:<br><br>Grout<br><br>Cement<br><br>Screen<br>Sand pack<br>Cement<br>Sand pack<br>Screen<br>Sump<br>Backfilled |    |   |
| 0   |  |  | Clayey silt, clay content decreases with depth, Vegetation in top 0.7 m of core. 0% clasts  |
| 2   |  |  | Silty clay, very dense, some iron-coated clasts. Clasts are mostly granules and coarse sand, occasional ~2 cm pebble. 3% clasts   |
| 4   | Driller reports minor water  |  |   |
| 6   |  |  |   |
| 8   |  |  |   |
| 10  |  |  |   |
| 12  |  |  |   |
| 14  |  |  |   |
| 16  |  |  |   |
| 18  |  |  |   |
| 20  |  |  | Clayey silt, clasts are mostly granules, coarse sand. <1% clasts  |
| 22  |  |  |   |
| 24  |  |  | Shale, dry, fissile, finely laminated, light brown/dark grey colour (incompetent bedrock).  |
| 26  |  |  | Clayey silt, grey, clasts are mostly granules, <1% clasts   |
| 28  |  |  |   |
| 30  |  |  | Shale, dry, fissile, finely laminated, light brown/dark grey colour. Core is very rubby at top of interval. Competency increases downwards. Not fully competent bedrock.    |
| 32  |  |  |   |
| 34  | Driller reports minor water  |  |   |
| 36  |  |  |   |
| 38  |  |  |   |
| 40  |  |  |   |
| 42  |  |  |   |
| 44  |  |  |   |
| 46  |  |  | Silty fine sand, well sorted light brown fine sand grains with grey silt. Not bedrock. <1% clasts   |
| 48  |  |  | Shale, fissile breaking, oxidized rusty coloured grains common. (incompetent bedrock)   |
| 50  |  |  | Clayey silt, soft and dense, not bedrock. Minor fine sand, oxidized similar to last interval. Rare granule-sized clasts in clayey silt matrix. <1% clasts                   |
| 52  |  |  |   |
| 54  |  |  | Siltstone, first competent bedrock, some sections of the interval were pulverized by drilling. Siltstone is light-medium grey colour. Uniform grain size, no shaly parting. |
| 56  |  |  |   |
| 58  |  |  |   |
| 60  |  |  |   |
| 62  |  |  |   |
| 64  |  |  |   |
| 66  |  |  |   |