

LITHOLOGIC LOG

Project Spectacle Grid Hole no. SPL-16 Dip -45° Started 10/24/80 E

Job no. 264.5 Township T10-R8 Coord. 81160N 22410E Direction 156° Mag Completed 11/7/80

Lithotype

<p>0' 5' 50' 100' 150' 200' 207'</p>	<p>Overburden</p> <p>Alternating Felsic Tuffs, Sediments*, and Chert - Mostly fine grained to gritty tuffs. Fragments when visible include quartz, rhyolite, feldspar, and other felsic fragments. Poorly layered but visible sections. Angle to core axis ranges from 20°-50°. Mostly green-grey color but chlorite altered fragments plentiful, section hematitic.</p> <p>Sediments very fine grained, not layered, mostly greenish colored, but some hematitic and cherty. (like 64'-70'.)</p> <p>112'-123' - pale red (pink and white) chert section looks similar to section in SPL-14 going out of red hematitic chert. 147' - another 6" of red hematitic chert.</p> <p>Minor section with lapilli sized fragments at 158'-163'.</p> <p>201'-202' - rock totally rotten? - recovered a very sandy material, near water stained sections.</p> <p>Sections of grit slightly calcareous.</p> <p>* Samples at 49' and 61' suggest these are fine grained quartz-sericite felsic tuffs, and some with calcite veins.</p>
<p>250' 300' 350' 400'</p>	<p>Basalt -</p> <p>Medium to coarse grained, massive, green-grey colored. Sections look very similar to bottom of SPL-14. Minor chlorite alteration. Minor hematite veins and matrix. Quartz, calcite, and epidote in veins. Mostly all matrix.</p>

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