

LITHOLOGIC LOG

Project: DeethHole: 1030-30Elevation: 5580Date Drilled: 6/18/80Location: Sec. 14 39N 59EMethod: Blade bit/mudGeologist: SarberGamma: no H₂O noted

Depth (m)	Description
0-18	Buff colored, chalky, friable clay, sub lithified.
18-21	Predominantly gravel, sub rounded to sub angular, granule to small pebble in size, various crystal tuffs.
21-24	Same, increase in clay to 10%
24-27	Same as above with exception that clay and silt increased to 40%. Clay cuttings cohesive (possibly uphole contamination)
27-42	Predominantly clay, 5% sand, granules and silt
42-72	As above except granule content of crystal tuffs increased to 20-30%
72-81	Same as above, gravel increased to 75%
81-84	Same as above, however only 30% granules and about 30% sand, the remainder clay
84-87	As above, back to 80% granules, generally small pebbles (similar to 240-270' with larger gravel size)
87-92	As above, increased gravel size includes large pebbles. Clay about 40%