

LITHOLOGIC LOG

Project: Deeth (1030)

Hole: 1030-8

Elevation: 5635 ft (1718m)

Date Drilled: November 20, 1979

Location: SE/NE 30, T38N, R59E

Method: Air-foam

Geologist: Tower/Shenker

Gamma: 120 cps

Depth (m) Description

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0-30m

Mixed volcanoclastic fragments (and quartz) distributed among granule, gravel, and sand sizes in an extremely variable fashion. Greenish light brown clay represents 10-30% of the lower 10m of this interval.

30-67m

Blue-green clay, generally about 95%. Lowermost 20m contains 10-15% granules and coarse sand of mixed volcanic composition. Unit is decomposed tuff.

Comments: The variability of particle size distributions in the upper 30m may be partially due to sampling techniques. Despite this, composition of the interval is consistent and the sequence seems to be alluvial. Duplicate samples for conductivity (k) value determinations were collected at 20 ft (6.1m), 60 ft (18.3m) 150 ft (45.7m) and 200 ft (61.0m).