

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-16

Elevation: 5595 ft (1706m)

Date Drilled: Nov. 16, 1979

Location: NE SW 12 T37N R58E

Method: Foam

Geologist: Chris Tower

Gamma: 120 cps

Depth (m)	Description
0 - 9m	Light brown alluvium. Size distribution is 10% fines, 50% sand, 40% granules. Composition is quartz, lapilli tuffs and other volcanoclastics. Unit is reworked metamorphic/volcanoclastic alluvium.
9 - 21m	Same as 0-9m, but tuffaceous blue-green clay is present in increasing percentage with depth, varying from 10-40%. Unit is clayey reworked alluvium.
21 - 91m	TD Blue-green clay, interval is mostly clay, with some particles of partly decomposed lapilli tuff. Unit is tuffaceous blue-green clay.
<p>Comments: Sequence is reworked alluvium over tuffaceous clay. The presence of partially decomposed lapilli tuff within clay sections indicates the origin of the clay was a water-laid air fall lapilli tuff that rapidly decomposed to clay. Duplicate samples collected at 20', 80', 150' and 290'.</p>	