

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-15

Elevation: 5810 ft (1771m)

Date Drilled: Nov. 15, 1979

Location: SENE 12 T37N R58E

Method: Foam

Geologist: Chris Tower

Gamma: 120 cps

Depth (m) Description

0 - 73m Variable alluvium. Size distributions vary as follow: 10-80% fines, 20-80% sand, 0-65% granules. Composition is metamorphic fragments of quartzite, quartz conglomerate and dark lithic grains, crystal lapilli tuffs and some clay. Manganese dendrites and caliche are present in the top 6m. Unit is reworked metamorphic alluvium and assorted volcanoclastics, including crystal tuff fragments and water-laid tuffaceous sediments

73 - 98m D Blue-green clay. Unit is probably a water-laid air fall tuff that has largely decomposed to a reasonably uniform clay.

Comments: The sequence is a variable reworked alluvial cover of metamorphic/volcanoclastic composition overlying the tuffaceous blue-green clay prevalent in the southern part of the project. Duplicate samples were collected at 30', 60', 100', 130', 150', 200' and 280'.