

LITHOLOGIC LOG

Project: Deeth

Hole: 1030-11

Elevation: 5690 ft (1735m)

Date Drilled: Nov. 15, 1979

Location: NW SE 2 T37N R58E

Method: Foam

Geologist: Chris Tower

Gamma: 120 cps

Depth (m)	Description
0 - 6m	Light brown alluvium. Size distribution is 40% fines, 45% fine-medium sand, 15% granules. Composition is 85% metamorphic, largely quartzite and quartz conglomerate, and 15% lapilli tuff. Unit is shallow metamorphic/volcanoclastic alluvium covering weathered quartzite.
6 - 18m	Weathered and fractured quartzite. Size distribution is 25% coarse sand, 75% granules, largely quartzite with limonite staining in composition. Unit is progressively less weathered quartzite.
18 - 67m	White quartzite with some limonite staining.
67 - 87m	Dark reddish brown quartzite and quartz conglomerate
87 - 95m	White quartzite.
<p>Comments: The sequence is shallow alluvial cover over Western Facies quartzite and quartz conglomerate. A tri-cone bit drilled rapidly to about 18m, then a hammer was used to finish the hole. Duplicate samples were collected at 20', 50', 150', 250' and 300'.</p>	