

LITHOLOGIC LOG

Project: Deeth (1030)

Hole: 1030-4

Elevation: 5890 ft (1795m)

Date Drilled: November 17, 1979

Location: SE/NW 22, T38N, R58E

Method: Air-foam

Geologist: Tower/Shenker

Gamma: 125 cps

Depth (m)	Description
0-5m	Light brownish gray, angular and subangular fragments of dacite(?) porphyry. About 40% fines (smaller than medium sand) and 60% granules and coarse sand.
5-67m TD	Thick accumulation of tuffaceous material varying in color (white, pink, brown, red and greenish brown) and in texture. Granules and sand dominate most samples (3m spacing) and these grains are usually sub-angular, angular and sub-rounded. Unit is a sequence of welded to partially-welded tuffs.
	Comments: Sequence seems to be an accumulation of reworked volcanoclastic rocks. This judgement is based primarily on the great diversity of tuffs found in most intervals. Duplicate samples for conductivity (k) value determinations were collected at 20 ft (6.1m), 60 ft (18.3m), 90 ft (27.4m), 140 ft (42.7m) and 210 ft (64.0m).