

LITHOLOGIC LOG

Project: Deeth (1030)

Hole: 1030-5

Elevation: 5852 ft (1784m)

Date Drilled: November 19, 1979

Location: NW/SW 26, T38N, R58E

Method: Air-foam

Geologist: Tower/Shenker

Gamma: 120 cps

Depth (m)	Description
0-3m	Light tan sand (70%) and granules (20%). Composition is mostly volcanics (tuffs and euhedral to sub-hedral quartz). Fragments are angular, sub-angular, and rounded.
3-27m	Granules, gravel, and sand comprising an alluvial sequence of mixed volcanics (tuffs and rhyolite(?)) and metamorphics (black to dark gray, massive to banded, quartzite, siltite(?), argillite and gneiss(?)) mostly sub-angular and sub-rounded. Some gravels in upper portion (5-10m) have coatings of caliche or dendritic manganese. Unit is reworked volcanoclastic/metamorphic sediments.
27-49m TD	Size fractions variable as in above intervals, but composition is entirely metamorphic (quartzite and gneiss(?)) alluvium.
<p>Comments: Duplicate samples for conductivity (k) value determinations were collected at 20 ft (6.1m), 70 ft (21.3m), 110 ft (33.5m) and 160 ft (48.8m).</p>	