

LITHOLOGIC LOG

Project: Deeth 1030-33

Hole: _____

Elevation: 5605

Date Drilled: 6/10/80

Location: 40N 60E Sec. 32 SW-1/4 SW-1/4

Method: blade bit & mud

Geologist: Sarber

Gamma: easy drilling & fast water at 140', 150 gpm

Depth (m) Description

0-92m T.D.

Predominantly gravels of various tuffs, subrounded and rounded, granule to small pebble in size. Matrix of clay, silt and sand. Sandier intervals with less and finer gravel at: 90-100', 190-210', 220-240' and 290-300'. These sandy intervals are up to 70% sand (fine to medium)

Note: Surface at site composed of a clayey, silty soil with about 15-25% gravel and minor sand. However, cuttings from 0-10' interval mostly gravel. Bulk cuttings at site 70% fine and medium sand, silt and some clay. Obviously a large amount of material finer than gravel has washed during drilling and was not sampled. This matrix probably represented 50% or more of intervals which sampled mostly gravel.