LITHOLOGIC LOG

	Project:	Deeth (1030)	
	Hole:	1030-12	
Elevation:	5750 ft (1753m)	Date Drilled:	November 16, 1979
Location: NE/SE 6, T37N, R59E		Method: Air-foam	
Geologist: Tower/Shenker		Gamma: 120 cps	
Depth (m)	`	Description	
0-15m	Interval dominated by sand and granules (60%), with a very small amount of gravel. Material finer than medium sand (the approx. size cutoff of the sieve used) varies between 30 and 40% of the total. Composition is mixed volcanics and metamorphics.		
15-18m	90% whitish tan decomposed tuff fragments (primary texture of tuff is preserved). 10% mixed volcanic and metamorphic lithic fragments, predominantly sand and granules.		
18-43m	Granules, coarse sand, and gravel make up 75 to 85% of this interval. Composition is unchanged.		
13-70m	Gravel and granules comprise 90% of this interval. Composition is the same mixture of volcanics and metamorphics as above intervals.		
70-98m	Blue-green clay. Upper horizons contain decomposed lapilli(?) tuff fragments which are totally argillized, but which show primary structure.		
	Comments: Upper 70m of hole seems to be an alluvial sequence. Below 70m is the decomposed tuff (blue-green clay) which is found		

throughout the southern and eastern portions of the property.