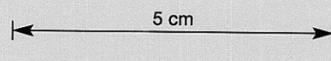


GETTY OIL DEVELOPMENT CO. LTD.
 PERCUSSION DRILLING LOG.
 LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. **J/1**
 LOCATION
 COORDS N E
 TOTAL DEPTH 195 ft.
 COLLAR ELEV.

CONTRACTOR Austral United Geophysical
 GAMMA LOGGED
 GEOL. LOGGED R.J. Willink
 HOLE DIAMETER
 PROBE DIAMETER

STARTED 2/12/1972
 COMPLETED 2/12/1972
 SHEET 1 OF 1
 SCALE 10 feet = 1 inch.



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10ft	SANDY GRAVEL - Predom gravel 60-70% in coarse to fine sand 30-40%. Poorly sorted. Abundance of sand ↑ & depth. Gravel predom. Qtz, Quartzite 50-60%. Dolerite + Basalt frags 40%. Fsp 10%. Pebbles generally subrounded and reach size of 1" diam commonly. Presence of igneous basalt suggests the deposit is recent. Sand predom. Qtz, Fsp. Rare patches brown (1-5% of cuttings) due to ferrug. st. Difficulty in delineating boundary due to extensive contamm. 0-5 ft - dark brown due to presence of carbonaceous material from surface.			As ferrug st. in 1-5% of cuttings	0-5 ft surface carbonaceous frags.	As minor const of sand and gravel. 10-20% Some alteration in sand.	J/1/0-5 J/1/10 J/1/15 J/1/20	Cuttings water flushed.
30ft	SILTY FINE SAND - variable grey to brown. Extensively contaminated with pebbles from above. Abundance of pebbles ↓ & depth. Sand - fine gr, homogeneous texture, predom Qtz (70-80%), Fsp 20-30% (altered) Ferrug staining 20-30 ft - brown colouration. Minor silt matrix, predom clear quartz.						J/1/25 J/1/30 J/1/35	
40ft	SANDY SILT - dark grey to black (possibly carbonaceous) Fine gr, homogeneous text., sand predom Qtz.		n.p.	Possible fine gr matrix const.	?		J/1/40	
50ft	SILTY SAND WITH CARBONACEOUS SILTY CLAY BANDS. silty sand - predom grey green to grey silty clay - brown to grey brown. silty sand - homogeneous text., predom Qtz 60-60%, altered Fsp 20-30%, green mineral (altered mafics) 20-30%. Carbonaceous material occurs as interstitial component in silty clay bands (fine gr) Silty clay bands occur as follows:-		mp.	As minor component of silty sand 20-30% altered	As interstitial component in silty clay (5-10%) where carb. clays occur under DESCRIPTION		J/1/45 J/1/50 J/1/55	
60ft	40-45 ft < 1% carb. clay in cuttings						J/1/60	
70ft	45-55 ft 10-20% carb clay in cuttings						J/1/65	
80ft	55-75 ft < 5% carb clay in cuttings						J/1/70	
90ft	80-90 ft 10-20% carb clay in cuttings						J/1/75	
100ft	90-110 ft < 5% carb clay in cuttings						J/1/80	
110ft	110-115 ft 50-60% carb clay in cuttings						J/1/85	
120ft	120-135 ft < 5% carb clay in cuttings						J/1/90	
130ft	135-170 ft 80-90% carb clay in cuttings.						J/1/95	
140ft	In general carbonaceous silty clay becomes more abundant & depth. Carbonaceous material also occurs in the form of concentrations of peaty chips variable & depth see carbon.						J/1/100	
150ft							J/1/105	
160ft							J/1/110	
170ft							J/1/115	
180ft							J/1/120	
190ft							J/1/125	
200ft							J/1/130	
210ft							J/1/135	
220ft							J/1/140	
230ft							J/1/145	
240ft							J/1/150	
250ft							J/1/155	
260ft							J/1/160	
270ft							J/1/165	
280ft							J/1/170	
290ft	SILICEOUS MUD (SILICIFIED SILTY CLAY) WITH FREQUENT QUARTZ PEBBLES IN SILTY CLAY MATRIX hard compact brown siliceous material 30% of cuttings silty clay matrix 70% of cuttings (most likely due to contamination). Quartz pebbles white, rounded.						J/1/175 J/1/180 J/1/185 J/1/190 J/1/195	
300ft	End of Hole 195 ft							