

GETTY OIL DEVELOPMENT CO. LTD.

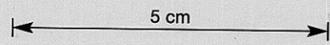
PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. **F/5**  
 LOCATION  
 COORDS N E  
 TOTAL DEPTH 210 ft.  
 COLLAR ELEV.

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

STARTED 28/11/72  
 COMPLETED 28/11/72  
 SHEET 1 OF 1  
 SCALE 10 ft = 1 inch



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	SANDY SILT - brown, fine gr, coarse texture. poorly sorted, qtz frags (1/8") 2%, lim nodes (1/8") 2%. In sand - qtz principle const. 80%, some kaolin after f/spar?		Ferrug. st. 5-7% 10-15 ft	n.p.	kaoln after f/spar 10-20% in sand.	-	F/5/0-5	Cuttings water flushed.
10ft	WEATHERED BASALT - igneous texture, mottled appearance, brown to grey green. Some ferrug. patches at 10-15 ft level (5%).	∨ ∨ ∨ ∨	Ferrug. st. 5-7% 10-15 ft	n.p.	-	-	F/5/10	
		∨ ∨					F/5/15	
20ft		∨ ∨					F/5/20	
		∨ ∨					F/5/25	
	Node boundary = 27 ft.							
30ft	CLAY - even gr. 25-30 ft - dark grey to black. 30-35 ft - grey to brown, mottled. Brown patches - ferrug. st.	— — — —	Patches of Ferrug. st. (10%)	25-30 ft as clay const. (fine gr) %?	-	-	F/5/30	
	Black colour - carbonaceous material? Predom Qtz + clay minerals?	— —					F/5/35	
	Actual boundary = 37 ft.							
40ft	SANDY SILT - brown to light brown, coarse texture, poorly sorted, predom Qtz (80%) frags. up to 1/8" common 1-2%, some f/spar & rare mica flakes.		Ferrug. st. (40-45 ft)	n.p.	As const frags 10% to 15% ang to sub ang.	-	F/5/40	
	Occas. ferrug. st. in matrix (40-45 ft)						F/5/45	
	Coarser & depth, f/spar % ↑ & depth, 15% at 50 ft.						F/5/50	
50ft	larger frags of Qtz + f/spar - angular to sub rounded.						F/5/55	
60ft	SILT - well sorted, grey, predom Qtz 80% f/spar 15-20%. Actual boundary into pebbly silt not distinct, gradational change.		n.p.	n.p.	As const frags 15-20%	-	F/5/60	
70ft	PEBBLY SILT - very poorly sorted. Max size of frags 3/4" Predom Qtz, ang to sub ang, 20%. Gradational change in size of frags silt → pebbles. Average size of frags (1/8") some f/spar 5-10%.		n.p.	n.p.	As const frags 5-10%	-	F/5/65	
							F/5/70	
	COARSE PEBBLY SILT - very poorly sorted. Max size of frags 1" Composition similar to pebbly silt 60-70 ft.		n.p.	n.p.	As above	-	F/5/75	
80ft	GRAVEL - reasonably well sorted. Predom. Qtz 80%, ang to sub ang. Range in size 1/8" 1/4" Some larger pebbles 1/2".		n.p.	n.p.	As const frags 10-20% angular.	-	F/5/80	
	f/spar 10-20% angular. Small percentage - fine gr. matrix - possibly contamination?						F/5/85	
90ft	SILTY CLAY - reasonably well sorted. Predom. fine gr. clay 60-70% with silt 20-40%. Contaminated & pebbles from above. Fine gr. grey to light brown, carbonaceous at intervals along section. (see CARBON). Qtz predom., some kaolin after f/spar. Dark colouration possibly due to presence of mafic const.	— — — — — — — —	n.p.	85-90 ft n.p.	90-95 ft some carb. specks < 1% 95-100 ft in cement in 5 parts as integral const. 10-20% 100-105 ft as integral const. 50% of peaty chips 10%	Some kaolin after f/spar	F/5/90	
		— —					F/5/95	
100ft		— —					F/5/100	
		— —					F/5/105	
110ft	SAND - rich in carbonaceous material. Poorly sorted, gr size ↓ & depth. Predom Qtz 80%-90%, sub rounded to ang. f/spar 10%-20%. Sand gr. size - coarse. & matrix fine gr. (Qtz + f/spar) % of peaty chips ↓ & depth. % of f/spar ↑ & depth. to = 20% at 130 ft		n.p.	105-110 ft large peaty chips 3/4" (50%) 110-115 ft large peaty chips (20%) 115-120 ft large peaty chips (10%) 120-130 ft (5%) small chips 1/8"	As const. frags 10-20% ↑ & depth frags ang to sub ang	-	F/5/110	
							F/5/115	
20ft							F/5/120	
							F/5/125	
130ft							F/5/130	
140ft	SILTY SAND - coarse texture, grey green in colour. Predom Qtz 40-50%, f/spar (alland) 20%, green mineral 20% (possibly altered mafic minerals - dolomite?). Carbonaceous at various intervals (see CARBON). Relatively well sorted, frags sub ang. Frequent Qtz pebbles 1/4" due to contam.		n.p.	130-135 ft < 2% 135-140 ft as peaty chips 2-5%	As const. (30%) altered?	-	F/5/135	
							F/5/140	
150ft							F/5/145	
							F/5/150	
160ft	SANDY SILT - brown. Fine gr. Brown colour due to carbonaceous material. Carbon occurs as fine gr. integral const. Silty sand - predom Qtz + clay mins? Rare peaty chip - contamination? except from 165-170 ft (see CARBON).		n.p.	As integral fine gr. const. often brown-tinted.			F/5/155	
							F/5/160	
170ft							F/5/165	
							F/5/170	
80ft							F/5/175	
							F/5/180	
							F/5/185	
90ft							F/5/190	
200ft	CLAY AFTER DOLERITE no carbonaceous material	+ + + + + +					F/5/195	
		+ +					F/5/200	
		+ +					F/5/205	
		+ +					F/5/210	
210ft	End of Hole 210 ft.	+ +						