

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. F/2

LOCATION

COORDS

N

E

TOTAL DEPTH

COLLAR ELEV.

CONTRACTOR Austral United Geophysical

GAMMA LOGGED

GEOL. LOGGED R.J. Willink

HOLE DIAMETER

PROBE DIAMETER

STARTED

COMPLETED

SHEET

OF

SCALE

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	SILTY CLAY - brown in colour, well sorted, even texture, predom Qtz + clay matrix. Lim. nodes (1/4"), 5%. Brown colouration due to ferrug. st. of matrix.		As ferrug. st. in matrix	n.p.	Altered to clay minerals?		F/2/0-5	Cuttings water flushed.
10ft	SANDY SILT - predom. grey - mottled & brown-red patches. Fine gr. well sorted, even texture. Predom Qtz, some f/spar + fine matrix. Lim nodes 1/4" 5%		5-10ft as lim. nodes 5% 1/4"	n.p.	As const. frags. fine gr.		F/2/10	
	Lim. nodes ↑ & depth, generally coarser gr. than surrounding matrix.		10-20ft as lim. nodes coarse gr. size 3/4", 20%		Altered?		F/2/15	
20ft	20-25ft - predom brown colour 60% due to ferrug. st.						F/2/20	
	Overall gr. size ↑ & depth.		20-25ft as rare, 2% lim. nodes + ferrug. st. in matrix				F/2/25	
30ft	SILTY SAND - predom. grey, yellow grey at 35 ft. Predom. Qtz (80%), f/spar (15%) altered? and ferrug. patches (2-3%). Rare lim nodes (contamination?) 25-40ft.		As st. in rare patches 2-3%	n.p.	As const. frags. 15%		F/2/30	
	40-45ft - frequent lim. nodes 1/8" 20%		Rare lim nodes 25-40ft		Altered?		F/2/35	
40ft			40-45ft frequent lim. nodes 1/8" 20%				F/2/40	
							F/2/45	
50ft							F/2/50	
	PEBBLY SILTY SAND - brown to grey, poorly sorted. 4% of pebbles ↑ & depth. 50-55ft - 15-20% pebbles 1/8"-1/4" - predom Qtz, ang. 80% silty matrix.		As rare lim nodes 2-3%	n.p.	As const. frags. 15% in sand and as minor const. of pebbles 45%		F/2/55	
60ft	55-60ft - 30% pebbles - max 1/2" predom Qtz, sub ang. 70% silty sand matrix. Rare lim. nodes 2-3%. Silty sand - composition as from 25-50ft.		Possibly contain horn above?				F/2/60	
	PEBBLY GRAVEL - poorly sorted. 60-75ft - 70% > 1/8"-1/4" - predom Qtz 80% sub rnded. f/spar 15-20% - orange, pink sub angular. black min. ? 5% ang.		as rare lim nodes < 1%	n.p.	As const. frags. ang. 10-15% usually 1/8" or less.		F/2/65	
70ft	20% < 1/8" } Constituents same as gravel 1/8"-1/4"						F/2/70	
	75-100ft - 50% > 1/4" predom Qtz - white, grey sub rounded. 30% 1/8"-1/4" Qtz, f/spar, Black Min. 20% < 1/8" Same as above.						F/2/75	
80ft	100-120ft - 30% > 1/4" - predom. Qtz. 50% 1/8"-1/4" Qtz, f/spar, Black min. 20% < 1/8"						F/2/80	
	Rare lim nodes 1/4" < 1%						F/2/85	
90ft							F/2/90	
							F/2/95	
100ft							F/2/100	
							F/2/105	
110ft							F/2/110	
							F/2/115	
120ft							F/2/120	
	SILTY CLAY - predom. grey, fine gr. well sorted. Sand content 45%. Clay fine gr. Frequent large pebbles 5% of Qtz (rounded) due to contam. from above gravel? Gradational change into sandy clay.		n.p.	n.p.	Altered to clay minerals?		F/2/125	
130ft							F/2/130	
							F/2/135	
140ft	SANDY CLAY - predom grey, matrix fine gr. Poorly sorted. Sand content 30-35%. Matrix grey to brown clay. Sand - coarse, very angular predom. Qtz 70-80% f/spar pink, white 20% + black min? 5%		n.p.	n.p.	As sand const. 20% pink orange white ang. Possibly as altered const. in clay matrix		F/2/140	
150ft	Gradational change into Silty Coarse Sand						F/2/145	
							F/2/150	
							F/2/155	
160ft	SILTY COARSE SAND - predom. grey to light brown. Very poorly sorted. Coarse sand content 60-70%. Silty matrix - fine gr. predom Qtz 60-70% f/spar 30-40% Coarse sand, angular frags Qtz - 70-80% clear. f/spar 20-30% pink, orange dark minerals? 5%		n.p.	n.p.	As major const. in silt 30-40% Altered to some degree. As sand const. ang. 20-30% pink, orange		F/2/160	
170ft							F/2/165	
							F/2/170	
180ft							F/2/175	
							F/2/180	
190ft							F/2/185	
							F/2/190	
							F/2/195	
200ft							F/2/200	
							F/2/205	
210ft	CARBONACEOUS SANDY SILT - grey brown to black. Colouration controlled by relative abundance of carbonaceous material. Carbonaceous material occurs as interstitial fine gr. component in sandy silt, and as concentrations of pebbles at various depths (see CARBON).			As interstitial component fine gr. 205-225ft Higher concentrations from 210-215ft 220-225ft Difficult to determine %.			F/2/210	
220ft	Matrix with some Qtz fine gr. f/spar 20% (kaol. after f/spar?) (as yellow specks) greenish mineral 10% (altered mafic min?)						F/2/215	
	% of sand abundance ↓ & depth.						F/2/220	
	End of Hole. 225ft.						F/2/225	
230ft								