

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. V/1

LOCATION 0.8 miles N.E. of LONGFORD

COORDS N E

TOTAL DEPTH 320

COLLAR ELEV. 477' A.S.L.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

GAMMA LOGGED D. TOWREY

GEOL. LOGGED P. GRIFFITHS

HOLE DIAMETER 4 1/2"

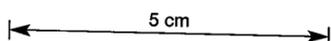
PROBE DIAMETER

STARTED 7/1/73

COMPLETED 7/1/73

SHEET 1 OF 2

SCALE 10' = 1"



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	<u>SAND:</u> medium to predom fine to very fine subang. to subrnd qtz, predom. orange stained - grades into a predom. brown stained sand.		50-60% orange stain	n.p.	n.p.		V/1/5	
10	5-10: <u>SANDY SILTY CLAY</u> - poorly sorted 5% qtz fine to very fine, subang. to subrnd, colourless in a greenish blue silty clay matrix - minor orange stain		10% orange stain				V/1/10	
	10-15: clay matrix is predom. brown - abt. limonitic nodules. - rare qtz'ite pebble ~10mm.		predom brown stain				V/1/15	
20	<u>SILTY SAND:</u> medium to very fine, angular to subangular qtz, predominantly orange stained, rest mostly colourless & rare white qtz. - rare gold coloured mica flakes		70-80% orange stain				V/1/20	
	grey to predom. orange stained silty sand - bands of intensely to faintly orange and grey. - orange staining decreases with depth.		~50% orange stain				V/1/25	
30	30-40: 1-2% gold coloured mica flakes. Band of lim. nodules.		30-40% orange stain				V/1/30	
40							V/1/35	
							V/1/40	
	<u>SAND:</u> medium to very fine, subang. to subrnd qtz. Predom. dark orange stain + 5% white xtls - predom. qtz + 2-3% black lithic grains		60-80% dark orange stain	n.p.	rare white xtal?		V/1/45	
50	<u>SANDY SILT:</u> 30-40% very fine qtz, subang. to subrnd. + 1-2% gold coloured mica flakes in a predom. orange brown silty matrix - a mottled grey to red brown to predom orange brown.		90% sandy silt is orange brown.	n.p.	n.p.		V/1/50	
	50-55: thin band of silty sand in the sandy silt						V/1/55	
60	- Fastone frags.						V/1/60	
~63'							V/1/65	
64	<u>SILTY SAND:</u>		n.p.				V/1/70	* SILTY SAND: fine to very fine qtz, subang. to subrnd, greenish grey stained in a greenish grey silty matrix
70	<u>SANDY SILTY CLAY:</u> - 10-30% very fine qtz xtls + 1-2% gold mica flakes in grey silty clay matrix		~30% orange stain				V/1/75	** SANDY SILTY CLAY ~5% qtz fine to very fine in a greenish grey silty clay matrix
~78'	<u>Slightly CARB. SILTY SAND:</u> fine to very fine qtz, subang. to subrnd, colourless + 5-10% white kaolin specks (after f/par) + 1-5% green mafic mineral. + some black to dark brown peaty stringers. in a grey green banded brown to yellow brown silty matrix		some yellow brown bands.	1-5% as peaty stringers	5-10% white kaolin		V/1/85	
90	<u>Bands of carb. SILTY SAND and SAND</u> = carb. wood fragments.		10-20% peaty flakes in sand.	" in silty sand.	" in silty sand.		V/1/95	
100	<u>SAND</u> = variable amounts of carb. wood fragments. Sand: as for 90-95: - fine to very fine qtz, subangular, to subround predom. colourless = rare orange stain + 5-10% white xtls - predom. qtz = rare f/par? + ~5% green to grey lithic frags. - rare mica flake.		rare orange stain to qtz	~5% peaty wood frags	rare white xtal?		V/1/100	
110	100-120: increase in xtal size up to medium.		10-20%				V/1/105	
			~10%				V/1/110	
120	120-145: increase in xtal size to coarse.		~6%				V/1/115	
							V/1/120	
130							V/1/125	
							V/1/130	
140							V/1/135	
							V/1/140	
150	145-170: decrease in xtal size to medium		10-20%				V/1/145	
							V/1/150	
160	<u>Predom SAND</u> = minor wood frags. + Bands of CARB. SILTY CLAY and Non CARB. SILTY CLAY carb. silty clay: dark brown, well compacted, black carbonaceous inclusions + abt. white vitreous specks (mica?) Non carb. SILTY CLAY: - grey, well compacted.		1-5%				V/1/155	
170	Between 150-170: a thin band of hard SILCRETE - brown - qtz xtls in brown siliceous cement.						V/1/160	
180	<u>CARB SAND</u> SILTY CLAY = minor lenses of grey SILTY CLAY carb. sandy silty clay: fine to very fine qtz, (5-10%) + white specks of kaolin (after f/par?) + rare green mafic mineral + abt. dark brown to black peaty stringers. in a light to dark brown banded silt to clay matrix - carbon as an interstitial component of silty clay matrix		n.p.	abt. Peaty stringers	5-10% white kaolin		V/1/170	
							V/1/175	
190	<u>SAND</u> (as for 90-170, & coarse) + minor Peaty wood frags.		n.p.	~5% peaty wood frags	n.p.		V/1/180	
							V/1/185	
200	<u>SILTY SAND</u> = interbedded Bands of CLAY - grey, well compacted + SAND SILTY CLAY - 20-30% fine qtz in grey silty clay matrix - peaty to moderately compacted. + carb. SILTY CLAY - brown + abt. vitreous specks (mica?) and peaty stringers. - well compacted.		n.p.	Peaty stringers in carb. silty clay	n.p.		V/1/190	
							V/1/195	
							V/1/200	