

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. V/2

LOCATION 0.75 miles N.N.E. of LONGFORD.

COORDS N E

TOTAL DEPTH 330'

COLLAR ELEV. 493' 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 8/1/73

SHEET 1 OF 2

SCALE 10' = 1"

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	<u>FERRUGINOUS SAND:</u> A medium to predominantly fine to very fine, angular to subround qtz, predominantly orange stained - rest are colourless - staining increases with depth.		80-90% orange stained	n.p.	n.p.		V/2/15	
			80-90% fawny orange stained				V/2/10	
20			90-95% dark orange brown stain				V/2/15 V/2/20	
30	<u>FERRUG. SILTY SAND.</u> Predom. fine to very fine, 1-3% medium size predom round to subround qtz - predom orange stained + rare gold coloured mica flakes in a grey to predom. orange to orange brown silty matrix. 25-35: silty sand has a banded appearance grey to orange 35-35: Band of fawny SANDY SILTY CLAY - poorly compacted (5-10%) silt content in silty sand increases up to 50% and grades into a		80-90% orange to orange brown matrix 60-70% orange to orange brown				V/2/25 V/2/30 V/2/35	* rare qtz, qtz like pebbles, ang. to subround ~ 10mm, pink to white
40	<u>SANDY SILT:</u> - banded grey to orange silty matrix, fine to very fine qtz + ~1% mica flakes + rare black peaty flakes - minor SILTY SAND Bands (~5-10%) 40-45: Band(s) of Ferrug. SILCRETE (5-10% of whole) - fine to very fine qtz (orange) in a dark orange stained siliceous cement.			n.p.			V/2/40 V/2/45	
50	<u>SANDY SILTY CLAY:</u> ~5% qtz some orange stained, predom. colourless. + ~1-2% mica flakes + rare peaty flakes in a predom light grey silty clay matrix		10-20% orange stain silty clay matrix				V/2/50	
60	<u>CARB. SANDY SILT = SILTY SAND Bands</u> (minor content). fine to very fine qtz in a predom dark brown silty matrix + some orange stain. - abt. minute peaty flakes - ~1% mica flakes. 55-60: Thin Bands of PEAT (black to dark brown) in carb. SANDY SILT.		10-20% orange stain 10-20% yellowish brown stain	abt. minute peaty flakes + bands of black peat.			V/2/55 V/2/60	
65-66	<u>SILTY CLAY:</u> - Plastic - 1-2% qtz (very fine) + ~1% minute black peaty flakes + ~1% mica flakes in a slightly orange stained bluish grey silty clay - silt content increase with depth		~5% yellow brown to orange.	~1% minute peaty flakes			V/2/65	
70	<u>CLAYEY SILT:</u> silt content > 50%						V/2/70	
80							V/2/75 V/2/80	
90	<u>CARB. SANDY SILT:</u> fine to very fine qtz, colourless, round to subround + 1-2% mica flakes + brown to black peaty stringers in a grey blue to predom brown silty matrix (minor clay content).		rare stain	10-20% as peaty stringers			V/2/85 V/2/90	
100	<u>CARB SANDY SILT = Bands of grey blue SILTY CLAY (~5%)</u> as for 60-65 <u>grey blue SILTY CLAY = carb SANDY SILT. Bands (5-10%)</u>						V/2/95 V/2/100	
110	<u>SLIGHTLY CARB. SANDY SILT. = minor SILTY CLAY Bands (~5%)</u> carb sandy silt as for 80-90 but a decrease in % peaty stringers to ~5%		np.	~5% peaty stringers			V/2/105 V/2/110	
120							V/2/115 V/2/120	
130	<u>Predom. CARB. SILTY SAND = minor Bands of SILTY CLAY.</u> carb. silty sand: fine to very fine qtz + white specks of kaolin (after 100°C) (5-10%) + ~5% green mafic mineral in a brown silty matrix + abt. peaty stringers. <u>SILTY CLAY</u> - grey blue as above - moderately to well compacted.			abt. peaty stringers	5-10% kaolin		V/2/125 V/2/130 V/2/135	
140	<u>carb. SILTY SAND: = Bands of SAND (5-10%)</u> + carb. wood. Fragments.			1-5% carb wood frag in sand.			V/2/140	** SAND: very coarse to very fine, angular to subround qtz, colourless - rare white qtz xtal. + 1-5% green lithic frag + rare red lithic frag
150	<u>Interbedded Bands of SAND (50%) and SILTY CLAY (40-50%)</u> - grey blue + minor carb. SILTY SAND: sand: fine white qtz + ~5% green lithic frag <u>SAND + carbonaceous wood Fragments</u> - soft black to dark brown.		rare orange stain to qtz in sand.	2-3% xtals orange	5% carb wood	np.	V/2/145 V/2/150	
160				stained	10% carb wood		V/2/155 V/2/160	
170	<u>CARB. SILTY SAND:</u> - fine to very fine qtz, colourless, predom. - round to subround + 1-5% green mafic mineral + 1-5% white xtals - mainly white qtz - abt. peaty stringers - silty matrix grey to brown		rare orange qtz xtal.	abt. peaty stringers	np.		V/2/165 V/2/170	
180	<u>Interbedded Bands of SAND (50%) = carb. SILTY SAND (as for 120-135) (~40%) and grey blue SILTY CLAY. (~10%)</u> sand: xtals size is ≤ medium		1-2% qtz orange stained in sand.	~5% carb wood frags + abt stringers in silty sand.	5-10% kaolin in silty sand		V/2/175 V/2/180	
190	<u>SAND + wood frags</u> sand: coarse to very fine			5-10% carb. wood frags	np.		V/2/185 V/2/190	
200	<u>Bands of SAND and CARB SILTY SAND (50%)</u> (as for 120-135) <u>SAND + wood frags</u> xtals are medium to very fine			abt stringers in sand.	5-10% kaolin in silty sand		V/2/195 V/2/200	