GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. V/12
LOCATION 1·6 miles S.E. of CARRICK
COORDS N E
TOTAL DEPTH 290'
COLLAR ELEV. 566'

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL
GAMMA LOGGED D. TOWREY
GEOL. LOGGED P.G. RIFFITHS.
HOLE DIAMETER 4½"
PROBE DIAMETER

STARTED 5/1/73
COMPLETED 6/1/73
SHEET 1 OF 2
SCALE 10' = 1"

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	SILTY CLAY: predom orange brown ≈ red brown to yellow orange bands - moderately compacted.		~100% orange brown	n.p	n.p.		V/12/5	
10	CLAY: light grey stained yellow orange to red brown to orange brown - moderately compact (ie plastic) - black specks occur thru'out clay 10-20: abt. Fe stone frag's ≈ in the clay.		50-60% stained yellow orange to red brown to orange brown	n.p.	n.p.		V/12/10 V/12/15	
20	SANDY SILT: fine to very fine qtz (+f'dpar?) colourless to white (15-20') ≈ rare orange stain + (5) minute black (lithic?) specks in predom light grey silty matrix - ≈ some orange brown bands Fe stain increases ≈ depth		10-20% orange brown; ≈90% qtz + silty matrix orange	n.p.	?		V/12/20 V/12/25	
30	Predom GRITTY SAND ≈ Bands of SANDY SILT (10%) as above.		all qtz orange stained + all sandy silt. orange.				V/12/30	
40	SAND: poorly sorted, - orange stained qtz xtals - average size 2mm (ie very coarse) - angular to subround - 5-10% xtals up to 3mm.						V/12/35 V/12/40	
50	CARB. SILTY CLAY: - moderately to poorly compacted - light chocolate brown - ~5% mica flakes + abundant peaty flakes - significant silt content. - carbon as an interstitial component.		n.p.	20-30% peaty flakes	n.p.		V/12/45 V/12/50	
60	SILTY SAND: medium to very fine, subang. to subrnd. Predom. orange stained qtz + ~5% whitish orange stained xtals - f/spar? + 1-3% black lithic? specks - increase in % of white xtals ≈ depth. and " in size of xtals ≈ depth. up to 1mm.		qtz 80-90% orange + 90% silty matrix orange	n.p	1-5% white f/spar?		V/12/55 V/12/60	
70	65-75: ~10-15% white xtals - most are slightly kaolinised ⇒ f/spar xtals.		" + rare red brown stain		10-15% slightly kaolinised xtals.		V/12/65 V/12/70 V/12/75	
80	SAND: very coarse to very fine - ave size is ≤ medium, predom ang. to subang. xtals		10-20% qtz orange	n.p.	10% slightly to		V/12/80	
90	- 80-90% qtz predom. colourless at first but Fe stain increasing ≈ depth. + ~10% white slightly to 100% kaolinised f/spar xtals + rare black lithic? specks + ~5% dark grey lithic frag's.		40% qtz orange; 60% qtz orange		100% kaolinised f/spar xtals.		V/12/85 V/12/90	
100	SILTY SAND: coarse to very fine qtz as above + 5-15% white kaolinised f/spar xtals ≈ orange stained silty matrix				5-15% "		V/12/95	
	SAND: as above. but decrease in f/spar content - rare white xtals. qtz predom ≤ coarse		20-30% faint orange stain &		rare white xtal.		V/12/100	
~108			5-10% dark ~~org~~ orange stain				V/12/105 V/12/110	
110	CARB. SANDY SILTY CLAY: predom. fine to very fine qtz ≤ 50% predom. colourless ≈ ~5-10% orange stained + abt. black peaty flakes ≈ in a predom brown silty clay matrix - moderately compacted - some orange brown bands.		5-10% qtz and ~10% matrix is orange to orange brown	abt. peaty flakes	n.p.		V/12/115	
120				" + 5-10% wood frags.			V/12/120 V/12/125	
130	SAND + carbonaceous wood fragments. ≤ coarse qtz predom colourless ≈ ~5% orange stained + ~5% white xtals - predom qtz ≈ rare f/spar. xtal. + wood frags - soft, peaty, dark brown to black.		~5% orange qtz	10-20% wood frag	rare f/spar		V/12/130 V/12/135	
140							V/12/140	
150	CARB. SILTY SAND: fine to very fine qtz, subang. to subround + 5-15% white specks of kaolin after f/spar + 1-5% green mafic mineral. & 1-5%		faint orange stain to matrix 140-160	abt. peaty stringers.	5-15% kaol.		V/12/145 V/12/150	
160	mica flakes. ≈ in a greenish blue to greenish grey silty matrix - faint orange stain throughout. abt. black to dark brown peaty stringers.		1-5% kaol. + qtz orange				V/12/155 V/12/160	
170							V/12/165 V/12/170	
180							V/12/175 V/12/180	
	Predom SAND. as for 108-125.		~5% qtz orange	rare wood.	rare f/spar		V/12/185	
190	CARB SILTY SAND as for 140-180		faint orange stain to matrix + 5% qtz + kaol. orange	abt peaty stringers	5-15% kaolin		V/12/190	
200							V/12/195 V/12/200	