692433

1447

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. S/15
LOCATION ~5·2 miles N.W of LONGFORD
COORDS N E
TOTAL DEPTH 430 FT
COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL
GAMMA LOGGED D. TOWREY.
GEOL. LOGGED R.J. WILLINK
HOLE DIAMETER 4½"
PROBE DIAMETER

STARTED 21/1/1973
COMPLETED 22/1/1973
SHEET 1 OF 2
SCALE 10 FT = 1 IN.

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	CLAY ± LIMONITIC BANDS overall fine grade clay ± minor silt component. Variable colour, plasticity and limonitic content ± depth. 0-5': yellow brown to red brown - lossley compacted due to surface activity 10-20% limonite pebbles (rnd'ed) ¼-½".	Fe-Fe	As ferrug. red pink brown Stains	n.p.	Alt. to clay min's.		S/15/0-5 S/15/10	0-10' cuttings air flushed - hole cased for 1st 10'
20	5-15': 30-40% of cuttings are hard, angular limonite frag's ⇒ banding through mottled grey to pink clay. common 10% limonite? pebbles ¼"-½"-rnd'ed, 15-26': mottled yellow brown & grey clay homog, plastic	Fe-Fe	Through out: As limonite pebbles &				S/15/15 S/15/20	
30	25-35': predom. yellow brown, minor grey plastic clays ± ~10% hard, ang. yellow brown limonitic frag's. - bands!	Fe-Fe	As limonite bands 5-15' 25-35'.				S/15/25 S/15/30	
							S/15/35	
40	CARBONACEOUS CLAY dark brown to dark grey, plastic, homogeneous. Carbon as fine grade interstitial component. Predom clay - minor silt frag's visible in dry samples.		n.p.	Interstitial comp.	Alt. to clay mins.		S/15/40	
	SILTY CLAY - grey, non carb. moderately plastic, 40% silt, 60% clay. White specks of kaolin. overall homog. texture.		n.p.	n.p.	"		S/15/45	
50	CLAY: - grey, plastic, homog. texture. No apparent carbonaceous material.		n.p.	n.p.	~~n.p.~~ "		S/15/50	
60	CARBONACEOUS SILT: Variable grey to grey brown Homog. texture. Predom. silt ± minor sand component - increases ± depth. Apparent white specks (~10%) of kaolin. Possible subangular clear qtz frags. carbon as fine grade interstitial + carbonaceous stringers through silt + peaty chips - variable		n.p.	50-55' 10% peaty black chips + common carb. stringers. 55-85' ~1% peaty chips - rare carb.	White specks of kaolin after f/spar ~10%		S/15/55 S/15/60 S/15/65 S/15/70	
80	± depth. - see CARBON. rare frag's of greenish mineral - decomposed mafics?			stringers - carbon predom as interstitial.			S/15/75 S/15/80	
							S/15/85	
90	PEBBLY COARSE SAND grading into		n.p.	185-190 ~10-20% peaty chips	As minor const. of sand.		S/15/90	
100	COARSE SAND - overall grey colour sand predom. qtz, subangular clear to grey ~80% F/spar - dull white, angular ~5-10%. green mineral 1-5% - rounded frag's.						S/15/95 S/15/100	
110	carbonaceous material ~10% throughout ± local concentrations at variable levels. Pebbles > ⅛" 10-20% from ≈87'-90' only - decrease ± depth. common frag's of carb. silt ~5% throughout cuttings ⇒ contamination or possibly interbedding.						S/15/105 S/15/110	
120	100-120': 60% coarse sand 40% Carb. silt + minor carb. clay frag's. ⇒ interbedding.						S/15/115 S/15/120	
130	COARSE SAND: ± 1-5% carb. silt frag's. ~10-20% peaty chips ~⅛"-¼"		n.p.	10-20% black peaty chips	"		S/15/125 S/15/130	
							S/15/135	
140	Interbedded COARSE SAND, PEATY CHIPS, CARBONACEOUS SILT. coarse sand: as above ~30% carb. silt: as for 50-87' ~20% Peaty chips: ¼"-½" ~50%		n.p.	50% peaty chips	" + white specks in silt		S/15/140 S/15/145	
150	Interbedded MEDIUM SAND ± CARBONACEOUS SILT: % abundance of components variable ± depth. 145-155': 60% carb. silt ± apparent white kaolin specks + minor sand frag's. 40% medium sand (sand maybe result of contam?) ~2% peaty chips.		"	Variable interstitial comp. of carb. silt. + peaty chips 145-155 2% peaty chips	"		S/15/150 S/15/155 S/15/160 S/15/165	
170	155-165': 70% medium sand 30% carb. silt. 165-185: 60% sand 40% silt sand decreases ± depth.			155-165 <1% 165-185' <1%			S/15/170 S/15/175 S/15/180	
180							S/15/185	
190				185-190 ~10% peaty chips			S/15/190	
200	190-215: ~40% sand 60% carb. silt Rare <1% ferrug. clay frag's			190-200 ~1% peaty chips			S/15/195 S/15/200	