

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. S/8

LOCATION ~ 6.1 miles S.W. of LONGFORD

COORDS N E

TOTAL DEPTH 500'

COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

GAMMA LOGGED D. TOWREY

GEOL. LOGGED P. GRIFFITHS

HOLE DIAMETER 4 1/2"

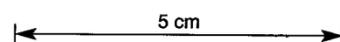
PROBE DIAMETER

STARTED 17/11/73

COMPLETED 18/11/73

SHEET 1 OF 2

SCALE 10' = 1"



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
~26'	<u>SILTY CLAY</u> - poorly compacted predom red brown stain - rare qtz xtal / z red brown stain - abt small lim. nod.	---	100% red brown stain + lim. nod.	np	np.		S/8/5	
10	CLAY: 2 silty clay bands: 6-10: mottled light grey to predom dark grey clay mod. compact (plastic) - homog. texture - stained a yellow orange. 10-15: clay predom a light grey & a predom yellow orange stain - ~5% well compacted orange brown silty clay + ~5% Fe stone frags	---	~10% yellow orange stain		2 in matrix		S/8/10 S/8/15	N.B. Fe column refers to % stain in plastic clay, upto 45' 45-49 - refers to amount of ferruginous clay (which is now totally stained) in sample.
20	15-20: clay & predom yellow orange stain + some reddish orange stain - 5-10% yellow orange poorly compacted silty clay.	---	" + 5% reddish orange				S/8/20	
30	20-25: clay predom fawn brown stain + ~5% as mod. to well compacted orange brown silty clay - rare dark grey to brown plastic carb. silty clay 25-30: clay predom fawn to orange brown. - 5% orange brown silty clay band.	---	20% fawn brown stain  50% fawn to orange brown				S/8/25 S/8/30	
40	30-35: clay predom orange brown & ~10% poorly compacted orange brown silty clay + 1-3% black coating to clay + 5-10% Fe stone frags 35-40: clay orange brown to brown - 20-30% poorly compacted orange brown silty clay - some lim frags	---	70-80% orange brown stain	1-3% black carb. coating to clay			S/8/35 S/8/40	
50	40-45: clay as above. ~ 5% orange brown silty clay & rare yellow orange silty clay + 5-10% Fe stone frags 45-50: SANDS OF CARB. CLAY in predom FERRUG. CLAY clay as above & 10% carb. clay - dark grey to chocolate brown - homog. plastic + ~1% mica flakes.	---	80-90% orange brown	black carb. inclusions + carb. interstitial comp of matrix	np.		S/8/45 S/8/50	
60	50-55: ~20% carb. clay + 70-80% orange brown clay 55-60: ~50% carb. clay + ~50% orange brown clay	---	70-80% orange brown	in carb. clay.	np.		S/8/55 S/8/60	
70	<u>CARB. CLAY</u> - minor silt content.	---	rare orange brown stain				S/8/65 S/8/70	
80		---					S/8/75 S/8/80	
90		---					S/8/85 S/8/90	
100		---					S/8/95 S/8/100	
110		---						
120		---	1-5% orange brown stain					
130		---	rare orange brown stain				S/8/130 S/8/135	
140	135-155: thin bands of hard, competent siltcrete - brown.	---					S/8/140 S/8/145	
150		---					S/8/150 S/8/155	
160	<u>FELS SANDY SILT</u> : 10-40% fine to very fine qtz (coloured) ang to subrand + 5-10% kaol. (after 1/8 part) specks + 1-2% black specks in a light grey blue silty & upto 10% clay content. - mafic texture.	---	np.	np.	5-10% kaol.		S/8/160 S/8/165 S/8/170 S/8/175	
180	BANDS (20-30) CARB. FELS SANDY SILT & NON CARB. FELS SANDY SILT (as above) CARB. FELS SANDY SILT - matrix predom brown & abt dark brown peaty stringers	---	np.	np.			S/8/180	
185-190	<u>FELS SANDY SILT</u> as for 155-175 carb.	---	np.	np.			S/8/185	
190	INTERBEDDED BANDS OF BROWN SILTY CLAY (80-90%) + 5% FELS SANDY SILTY CLAY + minor orange brown clay lenses. * refer. opp'n comments.	---	minor orange clay	np. as brown silty clay	1-3% white kaol.		S/8/190	np brown silty clay - well compact - abt silty to very fine qtz xtal (and) in a dark brown silt matrix. FELS SANDY SILTY CLAY: 4 in clay content in above SANDY SILT - well compacted.
200	190-230: 50% brown carb. silty clay + 40-50% FELS silty clay + minor FELS SANDY SILT. FELS SILTY CLAY grey blue + 1-3% white kaol flecks + 1-3% black specks - in this, there exist definite silty clay frag + definite clay frags => alternating bands of FELS SILTY CLAY & FELS clay ~50% of each.	---					S/8/195 S/8/200	Orange brown clay - well compact & homog.