

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. S/12

LOCATION ~ 5.2 miles W. of LONGFORD

COORDS N E

TOTAL DEPTH 495 FT.

COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

GAMMA LOGGED D. TOWREY

GEOL. LOGGED R.J. WILLINK

HOLE DIAMETER 4 1/2"

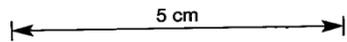
PROBE DIAMETER

STARTED 20/1/1973

COMPLETED 21/1/1973

SHEET 1 OF 2

SCALE 10 FT. = 1 IN.



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	CLAY WITH LIMONITIC BANDS Overall fine gr clay ± variable colour, ferrug and limonitic fragment content ± depth. 0-5ft Reddish brown clay ± minor silt component. Moderately plastic.	---	As ferrug. brown red pink and yellow brown staining throughout.	n.p.	l/f. to clay mins?		S/12/0-5	Cuttings air flushed 0-10ft. Hole cased 0-10ft.
10	5-20ft Mottled red, pink and grey clays. Plastic to compact (non plastic) 5-10ft - hard reddish ferrug frags?	---	As limonitic bands at varying depths.				S/12/10	
		---					S/12/15	10ft onwards - cuttings water flushed.
20		---					S/12/20	
	20-30ft Predom red hard angular limonite frags 60-70% ± minor plastic mottled grey and pink clay frags ⇒ extensive banding?	---					S/12/25	
30		---					S/12/30	
	30-35ft Predom plastic reddish pink clay ± minor grey clay frags	---					S/12/35	
40	35-40ft Predom greyish brown plastic homag clay. Rare ferrug red streaks (non plastic).	---					S/12/40	
	40-45ft 20% hard ang, reddish brown limonite frags through otherwise plastic homag grey and pink clay ⇒ banding?	---					S/12/45	
50	45-50ft predom yellow brown plastic homag clay ± minor yellow brown limonite frags ⇒ minor banding?	---					S/12/50	
	50-55ft inter streaked yellow brown and dark brown carbonaceous clays	---		As interstitial carb clay only			S/12/55	
60	55-60ft Predom yellow brown, plastic clay ± minor dark brown carb clay frags and laminated partles	---					S/12/60	Gradational boundary - oxidational.
	CARBONACEOUS CLAY Dark brown to dark grey. Homag. texture. Predom fine gr clay ± minor silt component. Plastic. Carbon as fine gr interstitial component of clay matrix.	---	n.p.	As fine gr interstitial carb clay.	l/f. to clay mins.		S/12/65	
70		---					S/12/70	
	Common hard consolidated silty clay frags (band(s)) at various depths.	---					S/12/75	
80		---					S/12/80	
		---					S/12/85	
90		---					S/12/90	
		---					S/12/95	
100		---					S/12/100	
		---					S/12/105	
110		---					S/12/110	
	110-115ft 5% hard ang. consolidated greyish brown silty clay frags ⇒ thin bands through clay.	---					S/12/115	
120	115-120ft 2-3% consolidated frags	---					S/12/120	
	120-125ft 5% consolidated frags	---					S/12/125	
130	125-130ft 50% consolidated frags ⇒ extensive banding	---					S/12/130	
	INTERBEDDED CARBONACEOUS CLAY AND SANDY SILT 1/2 abundance of components variable ± depth. Carb clay as from 60-120ft. Sandy silt light grey ± abundant sand grade white kaolinite specks + apparent subrounded Qtz in fine grained silty matrix.	---	n.p.	As interstitial carb clay.	Kaolin after appear in sandy silt.		S/12/135	
140		---					S/12/140	
	Sand component ± depth.	---					S/12/145	
150	130-135ft 80% carb clay	---					S/12/150	
	135-145ft 20% sandy silt	---						
	145-150ft 30-40% carb clay	---						
	30-40% silt	---						
	INTERBEDDED CARBONACEOUS CLAY AND NON-CARBONACEOUS SILTY CLAY Carb. clay plastic as from 60-130ft. Non carb clay silty clay - light grey, minor silt component in fine gr clay matrix. Apparent white kaolinite silt grade specks.	---	n.p.	As carb clay interstitial.	Kaolin after appear in silty clay.		S/12/155	
160		---					S/12/160	
	% abundance of components variable ± depth	---					S/12/165	
170	150-170ft carb clay 80-90%	---					S/12/170	
	silty clay 10-20%	---						
180	170-180ft 1/2 in silty clay	---					S/12/175	
	↑ in carb clay	---					S/12/180	
	Boundary NOT distinct	---					S/12/185	
	INTERBEDDED CARBONACEOUS SILT, CARB CLAY, NON-CARB. SILTY CLAY WITH RARE CONSOLIDATED SILTY CLAY BANDS Carbonaceous silt - ± apparent yellow specks - kaolin in fine gr. silty matrix. Common carbonaceous stringers throughout.	---	n.p.	As interstitial clay of silt.	Kaolin after appear in silt. + silty clay.		S/12/190	
190		---					S/12/195	** 190-195ft carb silt 70% minor carb clay 10%, silty clay 10% and consol. frags 10%
	182-190ft predom silty clay 30-40%	---					S/12/200	195-200ft predom silty clay 60% minor carb clay 20% carb silt 20% ± 5-10% consolidated frags.
200		---						