

GETTY OIL DEVELOPMENT CO. LTD.  
 PERCUSSION DRILLING LOG.  
 LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. **P/7**

LOCATION - 4 miles. N. of CRESSY

COORDS N E

TOTAL DEPTH 495 FT.

COLLAR ELEV. 458' A.S.L.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

GAMMA LOGGED D. TOWREY

GEOL. LOGGED R.J. WILLINK

HOLE DIAMETER 4 1/2"

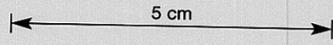
PROBE DIAMETER

STARTED 10/1/1973

COMPLETED 11/1/1973

SHEET 1 OF 2

SCALE 10 FT = 1 IN.



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS	
	LIMONITE NODULE GRAVEL Cuttings 90-100% limonite nodules - reddish brown to black subrounded, predom 1/8"-1/4". Minor <10% fine gr. limonitic matrix		Fe	90-100% limonite nodules subrounded 1/8"-1/4"	n.p.	n.p.	-	P/7/0-5	Cuttings water flushed.
10	CLAY WITH LIMONITIC BANDS Overall fine gr. predom clay & minor silty component. Plasticity, colour and abundance of limonitic frags - variable & depth.		Fe	As ferrug yellow brown staining throughout	n.p.	All. to clay mins?	-	P/7/10	
	5-10 ft Mottled grey and yellow brown. Grey clay moderately plastic, homog; yellow brown (ferrug st) clay - less compact, non plastic							P/7/15	
20	10-15 ft Mottled light grey and yellow brown Plastic homog clays. 10-20% of cuttings - hard and limonitic frags		Fe	As limonitic bands through clay to 10' is!				P/7/20	
	15-25 ft Yellow brown homog clay - minor grey clay frags. Both plastic							P/7/25	
30	25-35 ft Yellow brown homog st clay & 2-3% black amorphous? stringers - possibly oxide? through otherwise homog. clay.							P/7/30	
	Oxidation boundary.							P/7/35	
40	CARBONACEOUS CLAY Dark brown to dark grey. Fine gr. predom clay & minor silt component. Homog texture - plastic. Carbon as fine gr. interstitial component. Hard competent.			n.p.	As fine gr interstitial clay throughout	All. to clay mins?	-	P/7/40	
	silty clay bands through softer clay at variable depths.							P/7/45	
50	45-50' 20% of cuttings => carbonaceous SILT suggesting thin silt band through clay between 45-50'							P/7/50	
60								P/7/55	
								P/7/60	
70								P/7/65	
								P/7/70	
80								P/7/75	
								P/7/80	
								P/7/85	
90	85-90 ft 5% of cuttings - hard compact, aug fragments of competent silty clay - band(s) through clay?							P/7/90	
	90-95 ft 20% of cuttings - competent silty clay frags - banding							P/7/95	
100								P/7/100	
								P/7/105	
110	105-115 ft 5% of cuttings - competent silty clay frags - minor banding							P/7/110	
								P/7/115	
120								P/7/120	
	PEAT 80% of cuttings. Dark brown to black frags of decomposed, partly carbonized carbonaceous material + peaty chips 20% carbonaceous clay			n.p.	80% carb. material	?	-	P/7/125	
130	SILT Overall grey brown colour, brown colour becoming more predom. & depth. Fine gr, homog. texture. Predom. silt in minor clayey matrix. Common white kaolinitic particles scattered through matrix (after 1/2 sp.?)			n.p.	125-130' < 5% carb. material	All. to clay mins	-	P/7/130	
	125-130' predom grey < 5% carb. material							P/7/135	
140	130-145' predom brown & interstitial carbon. Abundance of carb. material ↑ & depth. Rare black peaty chips < 1% throughout.				130-145' ↑ carb 5-15% a/fay 1/2 spar through silt!			P/7/140	
								P/7/145	
150	145-150 ft Common peaty stringers through silt 30%. Silt & obvious sand grade kaolinitic specks 5-10%. Minor sand component ↑ & depth.				145-150' 30% carb. stringers + interstitial.			P/7/150	
160	PEBBLY COARSE SAND Poorly sorted. Cuttings predom coarse sand & minor pebbles component, and silty matrix sand & abundant aug. Qtz, clear to grey, 70% minor fsp. dull white, 10% + 20% carb chips.			n.p.	20% carb. peaty chips	As minor sand const. 10%	-	P/7/155	** Pebbles > 1/8" predom Qtz sub ind to aug. Abundant ↑ & depth.
	GRAVEL BANDS THROUGH SILTY CLAY Gravel 30% silty grey clay 50%. Peaty chips 10%. Gravel predom aug to med Qtz, quartzite & lithic frags. Silty clay, grey, homog, fine gr.			n.p.	10% carb. peaty chips	All. to clay mins?	-	P/7/160	
170	PEAT Cuttings predom peat as from 120-125' ... Minor silty clay matrix 160-165 ft predom peat & 5% gravel pebbles (contam). Abundance of pebbles ↓ & depth. 165-180 ft predom peat & minor < 1% frags of non-carbonaceous silt and rare patches of yellow brown (ferrug st?) homog clay < 1%.			As possible ferrug stain in minor yellow brown clay frags	90-100% carb peat + peaty chips	All. to clay mins?	-	P/7/165	
								P/7/170	
								P/7/175	
180								P/7/180	
190	CARBONACEOUS CLAY BLENDED WITH SILT, PEAT AND NON-CARBONACEOUS SILTY CLAY Carb clay moderately compacted, non plastic to plastic homog dark brown clay Peat as from 160-180 ft. Silt predom grey to grey brown with common kaolinitic white speck 5-10% throughout? Non carb silty clay variable grey to yellow brown			As ferrug stain in yellow brown	180-185 ft 10% peat + interstitial	Kaolinitic specks (after 1/2 sp.?) 5-10% silt?	-	P/7/185	
	180-185 ft Predom carb. clay 80% peat 10% coarse sand 5% (contam?)			non-carb. clay frags (minor)	carb. clay + 10% peat	All. to clay mins.		P/7/190	
	185-200 ft carb. clay 60-70% silt 10-20% peat 2-10% peaty chips < 2%							P/7/195	
200								P/7/200	