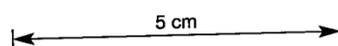


GETTY OIL DEVELOPMENT CO. LTD.  
 PERCUSSION DRILLING LOG.  
 LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. **S/9 (i), (ii)**  
 LOCATION ~5.9 miles S.W. of LONGFORD  
 COORDS N E  
 TOTAL DEPTH **S/9i = 110 FT. S/9ii = 115 FT**  
 COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL  
 GAMMA LOGGED **P.D. TOWREY**  
 GEOL. LOGGED **R.J. WILLINK**  
 HOLE DIAMETER **4 1/2"**  
 PROBE DIAMETER

STARTED **18/1/1973**  
 COMPLETED **19/1/1973**  
 SHEET **1** OF **2**  
 SCALE **10 FT = 1 IN.**



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	CLAY WITH LIMONITIC BANDS Over all fine gr. homog clay & minor silt component. Colour, plasticity and limonitic content of cuttings variable & depth. 0-5 ft loosely compacted brown surface soil. 5-20 ft Mottled yellow brown and grey plastic clays	(F2)	Fe	n.p.	7/11 to clay mins?	-	S/9i/0-5 n.s.	Total depth S/9(ii) = 115 ft. Cutting & water flushed. Drilling terminated due to appearance of extensive ground crack & subsequent water & sample loss. Samples from S/9(i) taken up to 115 ft.
20	20-25 ft Predom yellow brown, homog, plastic clay. Common 1% dark brown to black amorphous? stringers - possible oxide? 25-30 ft 10-20% hard, brown, angular limonitic frags through otherwise homog soft yellow brown clay => banding? 30-35 ft yellow brown homog clay. Oxidation limit?	(F2)	Fe	limonitic bands(?) 25-30'			S/9i/20 n.s.	S/9(ii) located 10 m next to S/9(i). No samples taken from 0-115 ft. S/9(ii) cased to 20 ft. Initial cuttings 0-20 ft air flushed. From 20 ft onwards - cuttings water flushed.
40	CARBONACEOUS CLAY Dark grey to dark brown. Fine gr. homog clay & minor silt component. Carbon as fine gr. interstitial component in clay matrix. Predom plastic	(F2)	n.p.	As fine gr interstitial	1/11 to clay mins?		S/9i/40 n.s.	
50							n.s.	
60							S/9i/60 n.s.	
70							n.s.	
80							S/9i/80 n.s.	
90							n.s.	
100							S/9i/100 n.s.	Samples from S/9(ii) from 90-115 ft are extensively contaminated with yellow brown clay and top soil due to appearance of ground crack & subsequent water loss etc.
110							S/9i/105 S/9i/110	Clay frags NOT present in samples taken from S/9(ii) (clean hole).
120							S/9i/115 S/9ii/120	END OF HOLE S/9(i)
130	120-125' Common 5-10% peat fragments dark brown to black partly carbonised. 125-130' 5-10% of cuttings => grey SANDY SILT & apparent Qtz + kaolinitic white specks in fine gr. silty matrix => banding 130-140' 40-50% of cutting SANDY SILT as from 125-130'. 5-10% siliceous fine gr. aggregates (ang, hard, grey) => sil. cified silt sand(s)?			5-10% peat frags			S/9ii/125 S/9ii/130 S/9ii/135 S/9ii/140	
150	CARBONACEOUS CLAY (brown) INTERSTREAKED WITH NON-CARBONACEOUS SILTY CLAY (grey) Carb. clay - plastic homog, fine gr. brown. Silty clay - grey to greyish brown, plastic, predom clay 60-70% & 30-40% silt & apparent white kaolinitic specks. % abundance of components & variable depth.		n.p.	Fe interstitial carb. clay	White specks kaolin after fls. per in silty clay		S/9ii/145 S/9ii/150 S/9ii/155 S/9ii/160	
160	140-145 ft 50% carb. clay 50% silty clay 145-150 ft 60-70% carb. clay 20% silty clay 10% hard ang. consolidated clay frags						S/9ii/165 S/9ii/170	
170	150-175 ft = 80% carb. clay = 20% silty clay						S/9ii/175 S/9ii/180	
180	170-185 ft 90% carb. clay 5% consolidated clay frags 5% silty clay						S/9ii/185 S/9ii/190	
190	185-195 ft 60% carb. clay 40% silty clay silt ↑ & depth in silty clay minor fine sand component evident from 190-195 ft						S/9ii/195 S/9ii/200	
200	SANDY SILTY CLAY Overall grey colour & all 3 components evident clay 40-50% silt 30% sand 20%		n.p.	2-3% peaty chips	1/11 to clay mins		S/9ii/200	