

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

HOLE NO. **R/8**

LOCATION ~2 1/2 miles WNW of CRESSY

COORDS N E

TOTAL DEPTH **540 FT**

COLLAR ELEV. 560' A.S.L.

CONTRACTOR **Austral United Geophysical**

GAMMA LOGGED

GEOL. LOGGED **R.J. WILLINK**

HOLE DIAMETER **4 1/2"**

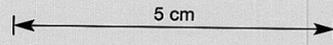
PROBE DIAMETER

STARTED **12/12/1972**

COMPLETED **13/12/1972**

SHEET **1** OF **3**

SCALE **10 FEET = 1 INCH**



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	<u>SILTY CLAY</u> Variable reddish brown to grey to yellow brown. Overall fine gr, homog. texture 0-5ft brown to red brown Non plastic, loosely compacted due to surface activity. Frequent (2-3% of cuttings) compact hard ferruginous fragments (limonitic?) 5-15ft mottled yellow brown and grey. Both clays fine gr, homogeneous texture, plastic. Rare non plastic orange clay frags - limonitic. 15-45ft predom yellow brown, rare grey patches. Fine gr, homog. texture. Rare 1% orange limonitic patches. 25-30ft ⇒ 1% frags of carbonaceous silty clay	---	As fining orange and brown stains variable depth	r.p.	Altered to clay minerals.	-	R/8/0-5 R/8/10 R/8/15 R/8/20	Cuttings water flushed.
30		---					R/8/25 R/8/30	
40		---					R/8/35 R/8/40 R/8/45	Oxidation boundary
50	<u>CARBONACEOUS SILTY CLAY</u> Predom dark brown to dark grey. Fine gr, homogeneous texture. Plastic. Predom clay & minor silt component. Carbon as fine gr, interstitial component of matrix. Common 1% fragments of dark brown surface soil due to difficulty in obtaining samples.	---	r.p.	As fine gr inter stitial component of clay matrix	Alt to clay minerals		R/8/50 R/8/55 R/8/60	Extensive ground cracks resulted in poor sampling of cuttings and subsequent extensive contamination throughout samples.
60		---					R/8/65 R/8/70	
70		---					R/8/75 R/8/80	
80		---					R/8/85 R/8/90	
90		---					R/8/95 R/8/100	
100		---					R/8/105 R/8/110	
110		---					R/8/115 R/8/120	
120		---					R/8/125 R/8/130	
130		---					R/8/135	
140	<u>CARBONACEOUS SILTY CLAY WITH LENSES OF NONCARBONACEOUS SILTY SAND</u> Silty sand - homog texture, medium gr common 10% white specks - kaolin after Hspar? Possible qtz (fine gr). Carbonaceous silty clay - as above, possibly represents contamination only. 135-145ft contain 5 bran, little return. 145-150ft 60-70% carbonaceous silty clay 30-40% silty sand	---	r.p.	As fine gr inter stitial component of carb. silty clay	10% kaolin? after Hspar in silty sand.		R/8/140 R/8/145 R/8/150	Difficult to accurately determine % abundances of cuttings with washing medium.
150	150-160ft 30-40% carbonaceous silty clay 60-70% silty sand Abundance of silty sand ↑ c depth.	---					R/8/155 R/8/160	
160	160-185ft extensive contamination & bran 10-20% carbonaceous silty clay moderately compacted 80-90% sandy silt	---					R/8/165 R/8/170	
170		---					R/8/175 R/8/180	
180		---					R/8/185	
190	<u>SILTY CLAY WITH RARE LENSES OF SANDY SILT AND CARBONACEOUS SILTY CLAY</u> Sandy silt - fine gr, homog texture & apparent yellow specks. Kaolin after Hspar Carb clay - as from 135-160ft. Silty clay - bluish grey, non carbonaceous. Homog. texture. Extremely plastic. Const. mins ⇒ predom clay mins. Prominent white speck ⇒ kaolin after Hspar. (10%)	---	r.p.	As fine gr inter stitial component of carb. silty clay 85-90ft 20% peaks except	kaolin after Hspar? white speck in silty clay 10% and yellow specks in sandy silt.		R/8/190 R/8/195 R/8/200	Difficult to accurately determine % abundances due to contamination of cuttings & washing medium
200		---						