

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

HOLE NO. R/13

LOCATION ~ 4 1/2 miles N.N.W. of CRESSY

COORDS N E

TOTAL DEPTH 510 FT

COLLAR ELEV. 593' A.S.L.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL STARTED 14/1/1973

GAMMA LOGGED D. TOWREY

GEOL. LOGGED R.J. WILLINK.

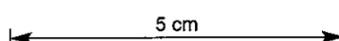
HOLE DIAMETER 4 1/2"

PROBE DIAMETER

COMPLETED 14/1/1973

SHEET 1 OF 3

SCALE 10 FT. = 1 INCH



DEPTH	DESCRIPTION	Graphic Lith	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	TOP SOIL CLAY Variable orange, brown, red ferrug. colours. Loosely compacted due to surface activity? Predom clay, fine gr & common large 3/4" (5% - 0.5") iron stone pebbles (sub-irrad). Abundance of ironstone ↑ & depth 10-20% 6-10' Overall cuttings non plastic	(Fe)	As ferrug staining throughout + ironstone pebbles 5-20% ↑ & depth	n.p.	Alt. to clay mins?	-	R/13/0-5 R/13/10	Cuttings water Plucked.
20	CLAY WITH LIMONITE BANDS Overall fine gr. homog clay s. Colour, plasticity variable & depth. 10-20' grey & minor pink to red ferrug streaks 5% hard, angular red brown limonite frags suggesting banding through soft clay.	(Fe)	As ferrug red brown, yellow brown, pink staining throughout	n.p.	Alt. to clay mins?	-	R/13/15 R/13/20	
30	20-30' predom grey clay & patches of bright red ferrug st clay. Grey clay - plastic however ferrug st patches - non plastic	(Fe)	As limonitic bands? 10-20'				R/13/25 R/13/30	
40	30-35' predom yellow brown homog clay & minor grey clay frags. Both plastic. 35-47' predom yellow brown, homog. plastic clay.	(Fe)					R/13/35 R/13/40	
50	Carbonaceous clay Dark grey to dark brown fine gr, homog. texture. Predom clay & minor silt component. Carb on as fine gr interstitial component giving rise to brown coloration. Predom plastic. Minor contamination (47-55') with yellow brown clay frags (possible gradational boundary?) Silt component in clay ↑ & depth.		n.p.	As fine gr interstitial of matrix	Alt. to clay mins?	-	R/13/45 R/13/50	
60	SANDY SILT 60% of cuttings Sandy silt - & apparent fine gr clay + white kaolinitic specks in silty matrix. Sand & depth Overall light grey colour. 10% of cuttings - hard, ang, siliceous frags - band?		n.p.	n.p.	Kaol/m 1/4" f/spar?	-	R/13/55 R/13/60	
70	SILTY CLAY Light grey to light greyish brown. Homog texture. Predom const clay mins. 80-85' Predom silt 50-60% in clayey matrix 90-95' ↓ in clay ↓ in silt cuttings predom clay & minor silt component.		n.p.	n.p.	Alt. to clay mins?	-	R/13/65 R/13/70	
80	Plasticity ↑ & depth. 90-100' Common kaolinitic particles through fine gr clay. SANDY SILTY CLAY? Rare frags of carbonaceous clay throughout suggesting minor banding through silty clay		n.p.	n.p.	Kaol/m specks alt. f/spar?	-	R/13/75 R/13/80	
90	SANDY SILT BEARING FORAMINIFERA? Colour predom white to very light grey Cuttings predom silt & minor fine sand component. and minor white clayey matrix. Sand & apparent ang lts. Coarse feel given by common 1/8" subspherical, grey hard apparently siliceous bodies - possibly forams? up to 5% abundance. 110-115'.		n.p.	n.p.	Alt. to clay mins?	-	R/13/85 R/13/90	
100	CARBONACEOUS SILT Brown to dark grey brown. Homog. Cuttings predom silt & minor clayey matrix. Common kaolinitic specks (white) in fine gr. matrix. Carbon as fine gr interstitial component giving brown coloration. Common 2-3% frags of carbonaceous clay (moderately compacted) throughout suggesting minor clay bands through silt		n.p.	As fine gr interstitial of silty clay matrix	Kaol/m alt. f/spar? (minor white specks?)	-	R/13/95 R/13/100	
110	CARBONACEOUS SILT WITH PEAT BANDS Carbonaceous silt - oxidation Peat - as black peatly carbonised woody chips 10-14" up to 30% carbonaceous Clay component ↑ & depth.		n.p.	As interstitial + 30% peaty material	Alt. to clay mins?	-	R/13/105 R/13/110 R/13/115	
120	CARBONACEOUS SILTY SAND Cuttings predom fine sand. Brown due to relatively high abundance of interstitial carbonaceous material. Sande apparent alt. and f/spar (minor) const.		n.p.	As abundant interstitial	As minor const. of sand	-	R/13/120 R/13/125	
130	SILTY SAND Texture & gr size as above 140-150 However light grey colour suggests NO interstitial carbonaceous material. Sand & apparent clear alt. + minor white specks of f/spar? Sand component ↑ & depth to 155' then ↓		n.p.	n.p.	As minor sand const. (alt.).	-	R/13/130 R/13/135	
140	CARBONACEOUS SILTY SAND Gradual colour change & increase in interstitial carbonaceous material grey to brown. Constituents as from 150-160' 170-175' 3% peaty chips		n.p.	As interstitial compound of silty matrix	Alt. to clay mins + minor sand const.	-	R/13/140 R/13/145	
150	CARBONACEOUS SILTY CLAY Cuttings predom clay 60% & minor 40% silt component ↓ & depth. Overall homog, brown due to interstitial carbon		n.p.	As interstitial	Alt. to clay mins	-	R/13/150 R/13/155	
160	CARBONACEOUS CLAY Gradational boundary Predom clay (plastic, brown) & minor silt component < 5%. Clay ↑ & depth plasticity ↑ & depth. Overall homog. texture & constituent clay minerals predominant. Rare silt frags 2-3% throughout. Possibly contain. or minor banding through clay		n.p.	As interstitial compound of clay matrix	Alt. to clay mins?	-	R/13/160 R/13/165 R/13/170	
170							R/13/175	
180							R/13/180	
190							R/13/185 R/13/190	
200							R/13/195 R/13/200	