GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. C/12
LOCATION
COORDS N E
TOTAL DEPTH 114 ft.
COLLAR ELEV.

CONTRACTOR Austral United Geophysical
GAMMA LOGGED
GEOL. LOGGED R.J. Willink
HOLE DIAMETER
PROBE DIAMETER

STARTED 26/1/1973
COMPLETED 26/1/1973
SHEET 1 OF 1
SCALE 10 feet = 1 inch

5 cm

DEPTH	DESCRIPTION	Graphic Lith	Fe.	Carbon	Feldspar	Other	Sample No	COMMENTS
	GRAVEL - recent Poorly sorted Abundant Qtz (rnded to sub ang) brown to white Minor Flspar, basalt lithic frags, + abundant limonite nodules. Minor brown ferrug st silty clay matrix	(Fe)	As ferrug staining + limonite nodules	n.p	As minor gravel const <25%	-	C/12/0-5	Cuttings water flushed
10	BASALT - relatively undecomposed and hard fragments Fine gr igneous texture & variable grey-green to brown colouration.	V V V	-	-	-	-	C/12/10	
	Upper and lower boundaries more decomposed → softer.	V V V					C/12/15	
20		V V					C/12/20	
	CLAY Variable light grey to dark grey in colour Fine gr, homogeneous. Constituents predom clay minerals. Possibly after basalt??	— — ?	n.p	n.p	Alt to clay mins?		C/12/25	
30		—					C/12/30	
		— — ?					C/12/35	
40	SILTY CLAY 30% of cuttings., apparent igneous texture? Common white specks (kaolin?) & minor fine g. Qtz? 70% clay Possibly after basalt??	— ? —	n.p	n.p.	Kaolin white specks?	-	C/12/40	
	CLAY - dark grey, fine gr pos from 20-35'.	— —	n.p	n.p	Alt to clay mins?	-	C/12/45	
50	SANDY SILT Fine gr, homogeneous texture Brown ferrug staining throughout Apparent Qtz (fine gr) in silty matrix	(Fe)	Ferrug. staining throughout	n.p	Alt. to clay mins?	-	C/12/50	
60	INTERBEDDED SILTY SAND AND GRAVEL Silty sand - variable greenish grey to purple-grey Predom sand & apparent Qtz and lithic fragments Minor greenish, to purple silty clay matrix. Gravel abundant 20% from 55-60ft ↑ & depth Pebbles include Qtz, Qtzite, peaty chips + minor Flspar		n.p	As rare peaty chips 1-2% 55-60'	Alt to clay? mins. + minor gravel const.	-	C/12/55 C/12/60	
70	CARBONACEOUS SILTY CLAY. Dark brown & common black carbonaceous specks in fine gr, predom clay & minor silt matrix Silt with apparent yellow brown specks (kaolin after Flspar?) Carbon as black specks + fine gr interstitial giving rise to brown colouration Overall homog texture.		n.p	As black carbonaceous specks randomly scattered through silty clay matrix 10%. As inter. stitial of matrix.	Alt to clay mins Kaolin after Flspar for silt?	-	C/12/65 C/12/70 C/12/75	
80							C/12/80	
	SANDY SILT Fine gr, homog texture Brown ~~Grey~~ ~~Strong~~ ~~Yellow~~ due to minor interstitial carbon Apparent yellow specks - kaolin?		n.p.	As minor inter stitial	Yellow specks 5% kaolin?	-	C/12/85	
90	CARBONACEOUS SILTY CLAY As from 60'-82' Gradational boundary.		n.p	As from 60'-82'	As from 60'-82'	-	C/12/90	
	CARBONACEOUS CLAY Fine gr, homog Dark brown Plastic Predom clay & minor silt component. <5% carbon as fine gr interstitial + rare peaty chips Gradational boundary		n.p	≈ 20% carb. material to depth	Alt. to clay mins?	-	C/12/95	
100	PEAT Predom carbonaceous material as decomposed peat and peaty chips Minor silty clay fragments scattered through cuttings - possible bands through peat? Overall brown to black colour		n.p	70-80% Carbonaceous material	n.p	-	C/12/100 C/12/105	
110	CLAY AFTER DOLERITE Grey green. apparent igneous texture (coarse gr) Hardness ↑ & depth 112-114' - hard black frag. of relatively fresh dolerite	+ + + +	-	-	-	-	C/12/110 C/12/114	
	END OF HOLE 114 FT - DOLERITE BASEMENT.							
120								
130								