

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

HOLE NO. **V/5**

LOCATION 1.8 miles N.W. of LON & FORD

COORDS N E

TOTAL DEPTH 210 FEET.

COLLAR ELEV. 490' A.S.L.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

GAMMA LOGGED D. TOWREY

GEOL. LOGGED R.J. WILLINK

HOLE DIAMETER 4 1/2"

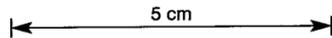
PROBE DIAMETER

STARTED 6/1/1973

COMPLETED 6/1/1973

SHEET 1 OF 2

SCALE 10 FEET = 1 INCH



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	CLAY SOIL Dark brown & red ferruginous stained patches. Fine gr, homogeneous. Constituent clay minerals predom.	(Fe)	Fe ferrug. staining red + brown				V/5/0-5	
10	SILTY CLAY Light brown, predominately 70% minor silt component 30%. Constituents include kaolin after silt? - white specks 5-10%. Silt content ↑ & depth	(Fe)	Fe minor ferrug staining	n.p.	White specks kaolin after silt? 5-10%		V/5/10	
20	GRAVEL Overall brown colour due to ferrug staining of gravel components. Poorly sorted. Numerous constituents. Coarser ↑ & depth. Gravel > 1/2" - 5-10%; 1/2"-1/4" - 20%; 1/4"-1/8" - 50%; 1/8" - 20%. Constituents include major Qtz 60-70% angular to rounded - predom brown due to ferrug st. Ironstone - 20% brown sub angular aggregates - possible bands through gravel? Lim nodes 5% sized 1/8"-1/4" predom. Minor silt 2% - possibly stained qtz? Gravel probably Recent	(Fe)	As ferrug stain of const. frags	n.p.	As minor const 2% of gravel?		V/5/15 V/5/20 V/5/25 V/5/30 V/5/35	V/5/30 } Extensively contain V/5/35 } & brown.
40	FERRUGINOUS STAINED SILTY SAND - predom brown due to ferrug. staining of matrix constituents. Cuttings predom silty sand 80% ↑ & depth. & extensive gravel contamination 10-20% 1/2" depth. Silty sand - predom sand & obvious Qtz (rounded) brown in fine gr homog silty matrix. Rare < 1% peaty concentrations 50-55'	(Fe)	Fe ferrug. stain (brown) after gravel const.	n.p.	All. to clay mins?		V/5/40 V/5/45 V/5/50	
50	Rare < 1% lignite (compact, black) frags	(Fe)		50-55' 2% peaty aggregates & 1% lignite frags 5-10'			V/5/55	
60	Oxidation Boundary SILTY SAND - predom greenish grey with marked speckles of ferrug. staining. Common brown frags - peaty stringers and interstitial carbonaceous material. Minor 5% gravel frags abundance ↓ & depth - contamination only.	(Fe)		55-80' Kaolin after silt 5-10% peaty stringers 5-10% white specks			V/5/60 V/5/65	
70	Silty sand - predom qtz sand 60% in fine gr silty matrix (as from 55-55')	(Fe)					V/5/70	
80	Qtz - clear to white sub rounded. 80% minor white specks - kaolin after silt? + greenish mineral 5-10% - altered mafic. 75-90' Rare < 5% pebbles of grey clay (compact) sized (1/8"-1/4") through individual silty sand fragments.	(Fe)					V/5/75 V/5/80	
90		(Fe)		80-85' 20-30% peaty stringers			V/5/85	
100		(Fe)		85-105' 5% peaty stringers			V/5/90 V/5/95 V/5/100	
110	Distinct Boundary SILT - variable grey to brown. Predom silt. 80-90% with minor silty sand frags 10% abundance ↓ & depth (contam)	(Fe)					V/5/105	
120	Silt & apparent Qtz component and minor reflecting specks - micaceous clay minerals? Brown colouration due to minor interstitial carbonaceous material	(Fe)					V/5/110 V/5/115 V/5/120	
130	105-110' cuttings predom brown 110-115' predom grey 115-160' predom brown Minor clay component in silt < 5% throughout.	(Fe)					V/5/125 V/5/130	
140		(Fe)					V/5/135 V/5/140	
150	Clay component ↑ & depth.	(Fe)					V/5/145 V/5/150	
160	Gradational change	(Fe)					V/5/155 V/5/160	
170	SILTY CLAY light brown to grey. Predom clay 60-70% & minor silt frags 30-40%. Constituent clay minerals predominant. Brown colour due to minor abundance of fine gr. interstitial carbonaceous material.	(Fe)					V/5/165 V/5/170	
180	Minor 1% Qtz sand frags throughout Possible thin bands OR contamination from silty sand above?	(Fe)					V/5/175 V/5/180	
190	COMPACT SHALE? Mottled brown and black. Compact hard angular fragments. Fine gr, homogeneous. Probably baked Permian sediments on top of dolerite?	(Fe)					V/5/185 V/5/190	
200		(Fe)					V/5/195 V/5/200	
210	CLAY AFTER DOLERITE Greenish gr & profound coarse gr igneous texture.	+					V/5/205	HOLE V/5 CONTINUED
220	END OF HOLE - DOLERITE BASEMENT 210 FT.	+					V/5/210	