

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

HOLE NO. V/10

LOCATION 2.6 miles. S.E. OF CARRICK.

COORDS N E

TOTAL DEPTH 510 ft.

COLLAR ELEV. 526' A.S.L.

CONTRACTOR Austral United Geophysical

GAMMA LOGGED D. TOWREY

GEOL. LOGGED R.J. WILLIAMS

HOLE DIAMETER 4 1/2"

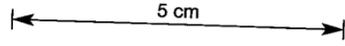
PROBE DIAMETER

STARTED 4/1/73

COMPLETED 5/1/73

SHEET 1 OF 2

SCALE 10 ft = 1 inch



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	SILTY CLAY TOP SOIL Reddish brown, fine gr, loosely compacted due to surface activity. Predom clay mms. Common 2-3% black, inded limonite nodules 1/8"-1/4"	(Fe)	As stain + limonite 2-3% 1/8"-1/4"	n.p.	Flt. to clay mms?	-	V/10/05	Cuttings water flushed.
10	CLAY WITH LIMONITE BANDS Overall fine gr clay & minor silt component. Constituent clay minerals predominant. Colour, plasticity - variable & depth.	(Fe)	As staining pink brown yellow brown	n.p.	Flt. to clay mms?	-	V/10/10	
	5-10' Predom grey & minor pink patches and minor brown patches. Rare < 1% limonite frags - banding?		As staining				V/10/15	
20	10-20' Predom yellow brown and grey plastic clays. Common 2% hard red limonite patches. 2-3% of cuttings - hard, angular limonite fragments => banding?	(Fe)	As staining				V/10/20	V/10/20 Extremely contaminated & bran.
	20-30' Yellow brown homog. fine gr, plastic clay. Common 5-10% limonitic brown to black angular fragments => banding		As staining				V/10/25	
30	Oxidation boundary	(Fe)	As staining				V/10/30	
	CARBONACEOUS CLAY Predom clay & minor silt fragment. Dark brown to dark grey in colour. Plastic, homogeneous. Carbon as fine gr, interstitial component giving brown coloration.		n.p.	As staining	Flt. to clay mms?		V/10/35	
40	Rare peaty chips			As staining			V/10/40	
				As staining			V/10/45	
50				As staining			V/10/50	
	50-57' peaty chips 1% - 1/4"-1/2" black			As staining			V/10/55	
	Distinct boundary							
60	SANDY SILT Blush grey. Homog texture. Fine gr, predom silt 60-70% & minor sand (fine gr) 20-40% sand predom inded Qtz, clear + no minor white specks - ffspar?		n.p.	n.p.	Minor white specks ffspar (kaolin?)		V/10/60	
	Silt - fine gr, bluish grey - constituent clay minor predom. Distinct boundary						V/10/65	
70	CARBONACEOUS SILTY CLAY Predom clay 60-70% with minor silt component 30-40%. Brown due to interstitial carbon. Silt & obvious yellow specks. kaolin? and apparent minor Qtz. Clay fine gr. Small black peaty fragments give cuttings a mottled appearance. Distinct boundary.		n.p.	As staining	Yellow specks kaolin? ffspar?		V/10/70	
	SANDY SILT Predom grey, homog text. fine gr. Sand & obvious inded Qtz + minor reflecting specks (meaceous clay minerals?) Silt matrix fine gr, homog. Carbon as peaty chips up to 1" - 2% throughout.		n.p.	As staining	Flt. to clay mms.		V/10/75	
80	Minor carbonaceous clay 1% fragments through cuttings						V/10/80	
	& depth sand ↑ in abundance silt ↓ in abundance						V/10/85	
90	Gradational boundary.						V/10/90	
	SILTY SAND Grey. Homogeneous texture. Predom Qtz sand (inded) in minor silt matrix. Rare peaty chips < 1%		n.p.	Rare peaty chips < 1%			V/10/95	
100	GRAVEL Cuttings predom gravel 60-70% in silty matrix (contamin?) 30-40% - possible interbanding. Gravel poorly sorted. 7/16"-10% ; 1/4"-1/2" - 20-30% ; 1/8"-1/4" - 40-50% ; < 1/8"-10% Gravel constituents include major Qtz subrounded to 6000 ang, white, colorless to grey. Minor lithic frags of quartz, chaledony. Rare peaty chips 1%. Silt - fine gr, greyish brown. Abundance of silt ↑ & depth. Gradational boundary		n.p.	1% peaty chips	As possible minor < 3% gravel const.?		V/10/100	
	SANDY SILT Light brown to grey. Predom silt & minor fine gr sandy component. + minor clay component. Sand & obvious inded Qtz + probable kaolin after ffspar in dull white specks?		n.p.	105-110' 5% peaty chips 110-130' < 1% peaty chips	Possible kaolin after ffspar (minor) white specks?		V/10/110	Difficult to delineate boundary due to probable contamination of cuttings below 105' with gravel fragments from 95-105'.
20	Abundance of sand ↑ & depth 105-110' common peaty chips 5%, black up to 3/4"						V/10/115	
	110-130' < 1% peaty chips						V/10/120	
							V/10/125	
130							V/10/130	
	MEDIUM TO COARSE SAND Predom medium to coarse sand & minor silt component (contamin?). Sand predom Qtz - subang, clear, to grey. 80%. Common 5-10% white to pink frag. of ffspar angular.		n.p.	130-140' < 1% peaty chips	As minor const. of sand pink to white ang.		V/10/135	
140	Rare dark fragments (lithic). 1%. Sand probably ARKOSIC?			140-145' 2% black peaty chips	Frags 5-10%		V/10/140	
	140-145' 2% black peaty chips			145-155' < 1% peaty chips			V/10/145	
150	Abundance of silt (silty clay matrix) ↑ & depth. Possible interbanding?						V/10/150	
	Boundary NOT distinct						V/10/155	
160	SILTY SAND INTERBEDDED WITH SILTY CLAY Cuttings predom silty sand 70-80% & minor silty clay frag 20-30% suggesting inter banding.		n.p.	As staining	Kaolin after ffspar? white specks in silty sand		V/10/160	
	Silty sand grey to brown. Sand & abundant Qtz and white specks (kaolin after ffspar) in minor silty matrix. Aggregations of carbonaceous peaty material common through sand 2%.			As staining			V/10/165	
70	Silty clay fine gr, brown & minor black peaty fragments scattered randomly through fine gr. matrix. Cuttings predom clay & minor silt component. Overall homog			As staining			V/10/170	
							V/10/175	
180							V/10/180	
	Abundance of silty clay ↑ & depth						V/10/185	
	Extensive contamination 155'-170' with coarse sand. From 130'-155'						V/10/190	
190	175-180' 10-20% of cuttings brown colored silty sand.						V/10/195	
							V/10/200	