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GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. V/7
LOCATION - 2·7 miles N.W of LONGFORD
COORDS N E
TOTAL DEPTH 210'
COLLAR ELEV. 516' A.S.L.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL
GAMMA LOGGED D. TOWREY.
GEOL. LOGGED P. GRIFFITHS
HOLE DIAMETER 4½"
PROBE DIAMETER

STARTED 7/1/73
COMPLETED 7/1/73
SHEET 1 OF 2
SCALE 10' = 1"

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	SILTY CLAY: - poorly compacted - mottled red brown to yellow brownish orange - abt. minute limonitic frags.		100% Stained red brown to yellow brownish orange	n.p.	n.p.		V/7/5	
10	CLAY ± SILTY CLAY Bands. plastic, light grey - thin bands of poorly compacted yellow orange silty clay ± some red brown streaks		10-30% yellow orange clay ± 5-10% orange brown stain	..	± in matrix + kaolinised?		V/7/10	
	10-26: increase in abundance of yellow orange silty clay Bands - poorly compacted + moderately to well compacted bands of orange brown to yellow orange silty clay						V/7/15	
20	15-20: clay ± predom yellow orange stain ~50% yellow orange silty clay ± some bands of Festone.						V/7/20	
	20-25: clay is predom orange brown stained ± rare red brown stain + rare black clayey inclusions - carb.?		80-90% orange brown clay.	rare black clayey inclusions			V/7/25	
	25-28: abt. frags of Festone.						V/7/30	
30	CARBONACEOUS CLAY: dark chocolate brown - plastic - homogeneous - ± black carb. inclusions + C. as an interstitial component of clay.		n.p.	black carb. inclusions	n.p.		V/7/35	
~37'								
40	SANDY SILT: fine to very fine qtz, subang. to subrnd. (30-40%) + rare black lithic? specks ± in a grey blue silty matrix - rare yellow orange stain		rare yellow orange stain	n.p.	n.p.		V/7/40	
							V/7/45	
50							V/7/50	
	50-55: % qtz increases upto ~50%		..	..	,		V/7/55	
60	Predom SANDY SILT (as above) ± Bands of SILTY SAND and carb. wood frags. SILTY SAND: medium to very fine qtz + ~20% kaolin (after f/spar?) in a brown silty matrix		n.p.	30-40% wood frag - soft, peaty, dark brown.	~20% kaolin after f/spar in SILTY SAND.		V/7/60	
							V/7/65	
70	Predom SAND: + carb. wood frag's predom colourless qtz, ang to subrnd predom ≤ very coarse ± ~5% white qtz, qtz' ite frag's upto 3mm. - large wood frags		..	~30% - Wood frags upto 50mm.	n.p.		V/7/70	
	Predom SILTY SAND as for 55-66. - xtal ≤ medium + rare green mineral. grains		..	~5% wood frags	~20% kaolin		V/7/75	
80	SAND + wood frag's ≤ very coarse, rare xtal upto 3mm, predom qtz colourless, ~5% white - ang to subrnd. + 5-10% grey lithic frags.		..	..	n.p.		V/7/80	
	PEBBLY SAND: Predom ≤ very coarse as above ± ~5-10% qtz, qtz' ite pebbles, ang to subang 4-5mm. + 10-20% grey lithic frags		rare qtz orange	1-5% wood frag's	n.p.		V/7/85	
90	DETRITUS BED: qtz, qtz' ite frag's; white, to orange to pink to colourless - mod to well compacted grey silty clay lenses. + abt. clay after dolerite pebbles' + green lithic frag's + hard orange clay stone pebbles.		some orange qtz pebbles	..	..		V/7/90	
95-96							V/7/95	
100	SAND: - composed predominantly of green to grey lithic frags, ang to subang., ≤ 1-2mm + ~10-20% yellow white f/spar xtals.? - minor qtz content.		n.p.	..	10-20% yellow white f/spar.		V/7/100	
			..				V/7/105	
	105-110: thin band(s!) of hard, grey SILCRETE. - silt grains in grey siliceous cement.			20-30% carb. wood.	..		V/7/110	
110			..	30-40% carb. wood. frags	..		V/7/115	
	115-120: increase in qtz (colourless) content. up to ~30% - xtals ≤ coarse subang. to subrnd.		..	5% wood mod. hard. tending to coal.			V/7/120	
	CARB. SANDY SILT: fine to very fine qtz + 1-5% green mineral or lithic frag's in brown silt matrix - carbon as interstitial component?		..	~20% peaty flakes	n.p.		V/7/125	
130	SAND + carb. wood frag's ≤ coarse grains., angular to sub round. ~50-70% qtz, colourless + 20-30% grey green lithic frag's. + ~5% white xtals - predom qtz.		..	20-30% soft wood frags			V/7/130	
			..	1-5% soft wood frags			V/7/135	
140	wood frag's: - predom, soft, peaty but 1-5% are moderately to very hard - tending to the coal stage.		..	..			V/7/140	
							V/7/145	
	145-155: Thin lenses or bands of moderately to well compacted grey silty clay - contains white kaolin specks.		..	~10% Wood 1-3% hard.			V/7/150	
150							V/7/155	
160			..	..			V/7/160	
				20-30% Wood frag. ≤10% hard.			V/7/165	
	165-170: as for 145 to 155.		..	5% Wood frag. ≤1% hard.			V/7/170	
170							V/7/178	
			..	20% wood - soft			V/7/180	
180	180-185: Thin band of grey SILCRETE.		..	20-30% soft wood.			V/7/185	
			..	1-5% Wood ± rare coal. frag'			V/7/190	
190	SANDY SILTY CLAY - medium to very fine qtz (10-20%) + 1-5% white Kaolin specks. in a well compacted grey to brown silty clay matrix.		..		1-5% white Kaolin		V/7/195	
200			..				V/7/200	
	SANDY SILTY CLAY poorly compacted, medium to very fine qtz + ~5% white kaolin in a grey blue silty matrix - minute peaty flakes + rare hard carb. frag's - lignite		..	1-5% peaty flakes + rel. hard frags. - lignite	1-5% white kaol. spots		V/7/205	
210							V/7/210	

END OF HOLE - 210'