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GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. V/6
LOCATION
COORDS ' N E
TOTAL DEPTH 230'
COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL
GAMMA LOGGED
GEOL. LOGGED P. GRIFFITHS.
HOLE DIAMETER
PROBE DIAMETER

STARTED 20/12/72 at 3.45pm
COMPLETED 21/12/72 at. 10.30am
SHEET OF
SCALE

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
7'	SANDY SILTY CLAY: medium to fine qtz xtals - all orange brown stained + abt. lim. nods in an orange brown to yellow orange to brick red stained silty clay matrix.		100% stained + abt. lim. nods	n.p.	n.p.		V/6/5	
10	'CLAY: predom light grey, moderately compacted - bands of well compacted yellow orange to brick red clay to clay stone - bands of qtz'ite pebbles up to 20-30mm - ↓ in no. ↑ depth ⇒ ↓ in thickness of bands		yellow orange stain	rare black specks	~1% matrix.		V/6/10	
15' 20	some sandstone frag's ~1% in clay.		"	"	"		V/6/15	
			~50% red to orange brown stain	"	-		V/6/20	
	-dark streaks ~1% in light grey clay - thin bands of poorly compacted fawn to brown clay.		~50% light brown to orange brown stain	" + dark grey (carb?) streaks.			V/6/25	
30			80-90% brown to fawn stain				V/6/30	
							V/6/35	
40	CARB. CLAY: chocolate brown clay, moderately compact, homogeneous, - 1-2% mica specks.		rare red brown stain + some dark grey	as interstitial component of clay	n.p.		V/6/40	
							V/6/45	
	SILTY SAND: fine to very fine qtz, sub ang to subrnd + some mica specks in a grey to grey blue silt matrix. - grades into a		n.p.	n.p.	n.p.		V/6/50	
50	COARSE QTZ SAND: - poorly sorted, very coarse to very fine subang to subrnd qtz + some f'dpar or white qtz - grades into a		qtz has no/freedom faint orange grain	"	?			
~51-52'	SILTY SAND: - poorly sorted - predom fine to very fine (some medium) qtz (60-70%) + rare green mafic mineral + 1-5% white specks of f'dpar (or kaol. after f'dpar) in a blue grey to grey silt matrix.		~5% stain - as orange bands.	"	1-5% f'dpar or kaol.		V/6/55	
	55'-60': ↑ in % green mafic mineral (1-10%) + f'dpar (~5-10%) → green blue to grey silty sand.		"	rare black specks	5-10% "		V/6/60	
60	↑ in grain size → COARSE SILTY SAND. - poorly sorted - coarse to very fine, ang to subrnd qtz + ~5% possible f'dpar. + 1-3% green mafic grains + some wood frag's in a grey to grey blue silt matrix		~20% qtz slight orange stain	rare wood frag's	~5% - rare pink f'dpar xtals.		V/6/65	
70							V/6/70	
							V/6/75	
80							V/6/80	
	SANDY SILTY CLAY: 10-30% coarse to silt size qtz in a grey to blue grey clay matrix. - % & size of grain ↓ ↑ depth.		~5% matrix orangey grey stain	~5% small wood frag.	?		V/6/85	
90							V/6/90	
	FELS CARB. SILTY CLAY: moderately compact, - mottly blue grey to grey, white flecks of kaolin after f'dpar (rare to abt.) ± yellow brown (ferruginous) bands very common throughout & black carb. peaty bands ± some wood frag's		5-10% Fe stain as predom orange & yellow bands.	5-10% carb. bands + some wood frag's	abt. kaol. after f'dpar.		V/6/95	
100	+ some black carb. inclusions.		10-20% yellow brown stain	5-15% black peaty bands + rare wood frag.			V/6/100	
							V/6/105	
110							V/6/110	
							V/6/115	
120							V/6/120	
							V/6/125	
							V/6/130	
130							V/6/135	
			some red orange stain				V/6/140	
140	↑ in % of carbonaceous matter.		10-20% yellow brown stain	15-25% black sooty bands.			V/6/145	
	black sooty clayey bands.						V/6/150	
150	130'-170' - red brown to yellow orange frag. of clay.			20-30% black peaty band - wood frag.			V/6/155	
				"			V/6/160	
160	fabr. (wood frag's & peaty bands)			40-50% ( )			V/6/165	
				70-80% ( )			V/6/170	
170				20-40% ( )			V/6/175	
				10-20% peaty bands.			V/6/180	
180							V/6/185	
183	CLAY AFTER DOLERITE: soft, well decomposed dolerite to a clay. - faint igneous texture - becomes more evident ↓ in depth. - grey to blue green in colour. - hard bands of creamy white "rock"	+ +					V/6/190	
190		+ + +					V/6/195	
		+ +					V/6/200	
200		+ + +					V/6/205	
		+ + +					V/6/210	
		+ + +					V/6/215	
		+ + +					V/6/220	
		+ +					V/6/225	
	competent, hard, fresh dolerite.	+ + +					V/6/230	