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GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. F/3 | CONTRACTOR | STARTED 29/11/72
LOCATION | GAMMA LOGGED | COMPLETED 30/11/72
COORDS N E | GEOL. LOGGED P. GRIFFITHS | SHEET OF
TOTAL DEPTH 285' | HOLE DIAMETER | SCALE
COLLAR ELEV. | PROBE DIAMETER

5 cm

DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
5'	SILTY CLAY - Lateritic - predom orange - lim nods up to 20mm - 30%. in a silty clay matrix.		100% stain - 30% lim nods	n.p.	n.p.		F/3/5	
10	COMPACT CLAY TO CLAYSTONE (AFTER BASALT?) 5'-10': Predom light grey - 10'-15': " dark grey - more compact. - White specks of f'dpar - rare → faint igneous texture		↓ in stain - 20% is brick red to orange stain to		White specks ~2%		F/3/10	
15'			Predom brick red 10-15'		n.p.		F/3/15	
20'	FERRUGINOUS SILTY CLAY: Predom light grey. ± Compact Fe (brick red) silty lumps in matrix - orange to brick red Fe stain ↑ ± depth from 20% to 70%. from 30'-47' - rare speck of mica (vitreous lustre)		20% orange to brick red stain	n.p.			F/3/20	
25'			compact lumps ~5-10%	rare black specks.			F/3/25	
30'			↑ in compact lumps to 30%	25'			F/3/30	
35'			Predom orange stain - 20%	↑ in black specks - 2-3%		rare mica specks.	F/3/35	
40'			↑ in orange stain to 30%				F/3/40	
47'	dark grey ± dominant orange stain. Grades into a		↑ in orange stain to 70%	"			F/3/45	
50'	SILTY Qtz SAND: Predom fine to very fine rnd to subrnd Qtz xtals (70%) + rare f'dpar (white) xtals + rare C. (black) specks in a white silty matrix (30%) Grades into a		rare orange stain ~ 3%	rare black specks	rare xtals		F/3/50	
56'							F/3/55	
60'	PEBBLY GRAVEL: Very Poorly sorted - ang to subang. Pebbles of qtz (70%) + fdpar (10-20%) - 20% of Qtz orange (Fe) stain. - fdpar slightly Kaolinised		20% Qtz pebbles orange	n.p.	30% pebbles.		F/3/60	
65'	- size ↑ from ave. 1-2mm (60'-65') to ave 3-4mm (65'-70') to max 15mm (70-73')						F/3/65	
70'							F/3/70	
73'							F/3/75	
80'	ARKOSIC SILTY SAND. 20% hazel after f'dpar in a grey green silty matrix (mafic) - Fe stain ↑ ± depth Qtz pebbles (contamination) black speck of C. ± in matrix - ↑ ± depth.		no stain / orange stain ~ 30%	black specks 2-3% ↑ ± depth to ~ 5%	20% kaol after f'dpar.		F/3/80	
85'							F/3/85	
87'							F/3/90	BRAN. USED.
90'	CARBONACEOUS SILTY CLAY: Predom brown to dark brown as C. content ↑ ± depth - bands of dark brown very carbon. (90%) clay between lighter brown less carbon. clay. ~~↑ in C. ca~~		n.p.	soft dark brown carbon. wood frag. (small) ~ 10%	n.p.		F/3/95	
97'			"	↑ in wood frag. to	"		F/3/100	
100				20% abt. bands of dark brown Peat.			F/3/105	
105	SILTY SAND: Predom rnd to subrnd fine (≤ ½mm) Qtz (40%) xtals in a grey silt matrix (60%) - rare f'dpar xtals - rare mica flakes - rare speck of C.		n.p.	rare black specks.	rare xtals	rare mica.	F/3/110	
110				rare wood frag			F/3/115	
115							F/3/120	
120				↑ in wood frag to ~ 5%			F/3/125	
125	PEBBLY GRAVEL: Very Poorly sorted. Predom Qtz Pebbles. up to 15mm - 5% orange (Fe) stain - 5% Fdpar ave. size ~ 4mm.		5% orange	n.p.	5% ave ~ 4mm		F/3/130	
130	SANDY SILT: - well sorted. Predom grey. - Qtz xtals ≤ ¼mm ~ 10-20% in a silt matrix - fdpar ± 5% - mica ~ 2-3% - C. rare.		n.p.	rare black specks.	≤ 5% xtals.		F/3/135	
135							F/3/140	
140							F/3/145	
145							F/3/150	
150							F/3/155	
155	ARKOSIC SILTY SAND: As above (105'-125') ~ 5% fdpar in a grey green mafic matrix. grain size ↑ ± depth - sorting becomes poorer - green xtals fine to very fine become evident. - rare mica.		n. p.	n.p.	5% xtals.		F/3/160	
160			rare orange stain	↑ in peaty bands to ~ 5%	↑ in to 15%		F/3/165	
165	CARBONACEOUS SANDY SILT. Predom brown. - black C. speck ± in a brown silt matrix - white Fdpar speck ~ 2% - rare mica.		n.p	40% black specks.	White Specks ~ 2%.	"	F/3/170	
170							F/3/175	
175							F/3/180	
180							F/3/185	
185	MEDIUM TO COARSE ARKOSIC SAND: Ang. to subang. Qtz xtals (80%) + Fdpar (20%) - up to 2mm.		rare red stain	n.p.	20% Xtals up to 2mm		F/3/190	
190	- rare red (Fe) stain						F/3/195	
195							F/3/200	