

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

HOLE NO. 0/4 CONTRACTOR AUSTRAL UNITED GEOPHYSICAL STARTED 9/12/72
 LOCATION ~3 1/2 miles NE of CRESSY on PARISHANOCK GAMMA LOGGED COMPLETED 9/12/72
 COORDS N E GEOL. LOGGED W. MIDDLETON SHEET 1 OF 2
 TOTAL DEPTH 300' HOLE DIAMETER 4 1/2" SCALE 10' = 1"
 COLLAR ELEV. ~500' ASL PROBE DIAMETER

5 cm

DEPTH	DESCRIPTION	Graphic Lith	Fe.	Carbon	Feldspar	Other	Sample No	COMMENTS
10	SANDY, PEBBLY CLAYS. -sub rounded -limonitic and gtz pebbles to 1/2" in top 5' -10'. -decrease z depth faint sandy silty material Red-yellow brown at top, more grey z depth.	0.0 0.0 0.0 0.0	5-10% limonitic abt. yellow brown stain	np.	np.		0/4/75 0/4/80	water flushed. Top 18" removed for road gravel
20	mainly CLAY - probably silty few limonitic & gtz pebbles. Some hard Festone and siliceous bands? Mainly grey-brown (light) z yellow orange, brown Festone	0.0 0.0 0.0 0.0	minor limonitic bands & pebbles z sil. -abt stain thru out.				0/4/80 0/4/85 0/4/90	
40	SILTY (?) CLAY - dark brown -homogeneous except for some grey brown patches.	0.0 0.0	n.p.	Fine dispersed organic matter	n.p.		0/4/90	
50	SILTY QUARTZ SAND - medium sand 75% + 25% silty matrix -light grey brown	0.0 0.0	5% orange FeO stain	np.			0/4/95	
50	SANDY CLAYEY SILT. grey brown to khaki colour -grain size increases z depth to bottom 55-60' where more sandy z order as sil. kaol. f. (app.)	0.0 0.0	5% yellow orange lim. stain	n.p.	~25% particles kaol. f. (app.) z depth.		0/4/95 0/4/100	
70	SILTY, CLAYEY SAND. fine grade - light grey, brownish some more clayey bands.	0.0 0.0	minor red orange stain	~5% black carb. wood frags.	? some decays?		0/4/105 0/4/110	
80	SANDY (CLAYEY?) SILT + carbonaceous wood frags. brownish grey (clayey) and light grey silty, sandy.	0.0 0.0	n.p.	~10% black carb. wood frags.			0/4/115 0/4/120	
90	SILTY CLAYEY SAND. light grey, bluish tinge, sub-round to sub angular gtz in abt. matrix - fairly clayey in sections - few larger angular gtz fragments occasionally Fe stained	0.0 0.0	1-2% orange stained sand.	1-2% carb. wood frags -small thru out.	minor kaol. f. (app.) dispersed thru out.		0/4/125 0/4/130	
110	matrix increases z depth to predominate?	0.0 0.0		3-5% small carb. wood frags -black			0/4/135 0/4/140	
120	SILTY SAND + variable carbonaceous wood frags. -very poorly sorted gtz sand to grit size subang. 1-2mm in grey silty matrix	0.0 0.0	minor red orange stain	40-50% black wood frags	some kaol. material after f. (app.)		0/4/145	
130	PEBBLY, SILTY SAND. -very poorly sorted z pebbles to 1" of gtz, gtz lith - sil. black siliceous lithic frags -abt. gtz sand grit to very fine in light grey silty matrix	0.0 0.0	Festone sil. some Festone gtz pebble.	5% carb. wood			0/4/150 0/4/155	
140	PEBBLY SANDY, CLAYEY SILT. z variably carbonaceous. wood frags very poorly sorted as above but predom. finer matrix + smaller pebbles to 1/4"	0.0 0.0	variable yellow red stain evident	3-5% small black carb. wood frags	minor kaol. material after f. (app.)		0/4/160 0/4/165	
150		0.0 0.0		~10% black wood frags			0/4/170	
170	CARBONACEOUS SANDY, CLAYEY SILT. z carb. wood frags -as above but z gradation to finer grade. brownish grey colour predominates - some gtz sand, subround to subangular	0.0 0.0	possibly sil. FeO yellow red orange stain clay thru out.	~50% ave. 20%			0/4/175 0/4/180	
180	some bands? of light grey yellow organic brown clay. -grey brown silt predominates.	0.0 0.0					0/4/185 0/4/190	
200		0.0 0.0		75% small carb. wood frags			0/4/195 0/4/200	
210		0.0 0.0	~5% raddy orange yellow FeO stained clay	~75% wood			0/4/205 0/4/210	
220		0.0 0.0		~20% carb. wood			0/4/215 0/4/220	
230		0.0 0.0					0/4/225 0/4/230	
240	gradation to CARBONACEOUS SILTY CLAY + carb. wood frags variable colouration -dark brown due to organic matter, grey brown light grey -some mottled orange brown -shaley appearance -occasional sandy silty bands?	0.0 0.0	~5% reddish orange yellow FeO stain clay	~20% small black wood frags + interstitial brown peaty material	n.p.		0/4/235 0/4/240	
250		0.0 0.0					0/4/245 0/4/250	
260		0.0 0.0					0/4/255 0/4/260	
270	CARBONACEOUS CLAY -dark brown, grey yellow, orange generally as above.	0.0 0.0	20% orange clay	5-10% wood + dark brown clay z peaty material			0/4/265 0/4/270	
280		0.0 0.0	~10% FeO stain clay				0/4/275 0/4/280	
290		0.0 0.0					0/4/285 0/4/290	
300	DECOMPOSED DOLERITE: -soft friable -mainly dark green z relict igneous texture.	+	+				0/4/295 0/4/300	
	END OF HOLE 300.							