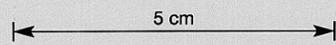


GETTY OIL DEVELOPMENT CO. LTD.
 PERCUSSION DRILLING LOG.
 LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. *F7*
 LOCATION *2MS N OF CLEVELAND*
 COORDS N E
 TOTAL DEPTH *330'*
 COLLAR ELEV.

CONTRACTOR
 GAMMA LOGGED
 GEOL. LOGGED *P. GRIFFITHS*
 HOLE DIAMETER
 PROBE DIAMETER

STARTED *27/11/72*
 COMPLETED *28/11/72*
 SHEET OF
 SCALE



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	<i>SILTY SAND: FINE to very fine rnd to subrnd Qtz xrls (10%) in silty clay matrix - Predom grey brown - orange stain (to orange brown) 2 depth.</i>		<i>5% orange stain</i>	<i>top 6" dark brown</i>	n.p.		<i>F14/5</i> <i>F14/10</i>	
20	<i>SANDY SILT: well sorted banded - grey to orange (stain), brown to dark brown. fine to very fine predom Qtz (~10-20%) in silt matrix (80-90%) grain size ↓ 2 depth. Fe stain ↑ 2 depth. to max. 20'-30' - rare black (C.) specks.</i>		<i>orange ↑ 2 depth to 40% orange.</i>	n.p.	n.p.		<i>F14/20</i> <i>F14/25</i> <i>F14/30</i>	
30				<i>rare black specks.</i>			<i>F14/35</i> <i>F14/40</i>	
40	<i>CLAY: - Predom light grey - homogeneous - rare orange (Fe) stain - 2 ↑ in depth → rare black C. specks.</i>		<i>2-5% stain orange.</i>	<i>rare specks</i>			<i>F14/45</i> <i>F14/50</i>	
50			<i>rare orange stain</i>	<i>2-3% black specks.</i>			<i>F14/55</i>	
55	<i>CARBONACEOUS SILTY CLAY: Predom dark brown. C. content ↑ to max at 65' - abt. wood frags in dark brown, soft, peaty. - frags up to 10mm² - some grey clay - contamination.</i>		n.p.	<i>black specks ~20%</i>	n.p.		<i>F14/60</i>	
60			n.p.	<i>Wood chips ~40%</i>			<i>F14/65</i>	
70	<i>CARBONACEOUS SANDY SILT: Predom dark grey green. fine to very fine Qtz xrls (~20%) in a grey green silty matrix. CARBONACEOUS SILTY CLAY: Predom light grey, - C. content as wood frags - small lumps of orange stain silty clay - contamination.</i>			<i>3% Wood frags.</i>			<i>F14/75</i> <i>F14/80</i>	
75				<i>Wood frags ~20%</i>			<i>F14/85</i>	
80	<i>PEBBLY GRAVEL: - very poorly sorted. ans to subang. Qtz pebbles 15mm-2mm in a clay matrix.</i>		n.p.	n.p.	n.p.		<i>F14/90</i>	
85	<i>CARBONACEOUS SILTY SAND: Predom grey green - ans to subang Qtz (<math>\leq 1/2\text{mm}</math>) (40%) + rare f'dpar + black specks of C. (10%) - in a grey green mafic matrix (60%) - Qtz pebbles due to contamination - ↑ in C. content 2 depth to a max. at 125'-150' - abt. wood frags - soft, peaty black to dark brown.</i>		n.p.	<i>5% black specks</i>	<i>rare filter frag.</i>		<i>F14/95</i> <i>F14/100</i>	
90							<i>F14/105</i> <i>F14/110</i>	
100				<i>Wood frag - 40% of C. dark brown to black 60% peat bands</i>			<i>F14/115</i> <i>F14/120</i>	
110				<i>Wood 20% of C.</i>			<i>F14/125</i>	
120				<i>Wood 10%</i>			<i>F14/130</i> <i>F14/135</i>	
125	<i>CARBONACEOUS ARKOSIC SILTY SAND: Kaol after f'dpar ↑ to ~10% - ans to subang Qtz grains <math>\leq 4\text{mm}</math> - grey green mafic matrix ↑ to 80%. Peaty brown bands in matrix - rare mica xrl.</i>		n.p.	<i>band of brown Peaty material - 10%</i>	<i>10% Kaol. after f'dpar</i>	<i>rare mica.</i>	<i>F14/140</i> <i>F14/145</i> <i>F14/150</i>	
130				<i>↑ in soft black to dark brown Peat - 30%</i>			<i>F14/155</i> <i>F14/160</i>	
140							<i>F14/165</i> <i>F14/170</i>	
150	<i>Very poorly sorted carbonaceous arkosic silty sand where ans to subang frags of Qtz <math>\leq 5\text{mm}</math> (20%) + fine f'dpar (20%) occur in a predom grey green silty mafic matrix - brown silt ~10% of matrix. Qtz pebbles fin size 2 depth (10% of Qtz) to 160'</i>			<i>Peat 45% wood frags</i>	<i>~20% kaol.</i>		<i>F14/175</i> <i>F14/180</i>	
160	<i>At 160' fin kaol content predom fine f'dpar + black silty sand. light grey clay brown clay - 30% of matrix. ↓ in grain size 2 depth. to give a</i>			<i>Peat + Wood frags ~20%</i>	<i>↑ in kaol to ~30%</i>		<i>F14/185</i> <i>F14/190</i>	
170				<i>fin wood frags. C. content <math>\leq 5\%</math></i>			<i>F14/195</i> <i>F14/200</i>	
180			<i>rare orange stain</i>				<i>F14/205</i> <i>F14/210</i>	
190				<i>fin black Peat to ~10%</i>		<i>n.p.</i>	<i>F14/215</i> <i>F14/220</i>	
200	<i>SANDY SILT: fine (<math>\leq 1/4\text{mm}</math>) xrls of Qtz + f'dpar 10% rnd to subrnd in a predom grey green to brown silt matrix. - peaty bands in matrix.</i>		n.p.				<i>F14/225</i> <i>F14/230</i>	