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GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. 0/1

CONTRACTOR AUSTRAL UNITED & EO PHYSICAL STARTED 9/12/72

LOCATION - 2 1/2 miles E. of CRESSY on PANSHANGEN GAMMA LOGGED

COMPLETED 10/12/72

COORDS N E GEOL. LOGGED P. GRIFFITHS

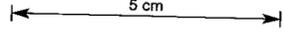
SHEET 1 OF 2

TOTAL DEPTH 470' HOLE DIAMETER 4 1/2"

SCALE 10' = 1"

COLLAR ELEV. 490' A.S.L.

PROBE DIAMETER



DEPTH	DESCRIPTION	Graphic Lith	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	SILTY SAND: - poorly sorted - fine to very fine, subang. to subrnd gtz (60-70%) + white gtz, some possibly flspar + some gtz pebbles up to 5mm, and to subrnd in an orange brown silt matrix (30-40%) 510 - as above - 2 gtz, gtz like pebbles up to 10mm - rare.		orange brown matrix	np.	possibly some flspar		0/1/5 0/1/10	air flushed to 125' - hit water at 58'
20	SANDY CLAY: ~10% gtz fine to very fine, subang. to subround, predom. colourless in a grey clay matrix = some orange stain		~20% orange stain to clay - rare gtz stained		np.		0/1/15 0/1/20	
30	CLAYEY FELS SAND 20-25 predom fine to very fine, colourless gtz subang. to rnd + 5-10% white slightly to totally kaolinised flspar xtrals + 1-3% black mineral grains - decomposed + friable + some mica flakes in a white to grey kaolinitic matrix 10-20% - slight orange stained - probably in thin bands 25-30*		1-5% cement orange stained 80-90% cement orange 10% gtz 10% flspar	np.	5-10% slightly to totally kaolinised xtrals + kaolinitic cement (10-20%) 30-50% kaolinitic cement		0/1/25 0/1/30	*25-30: gtz xtrals, angular to subangular, predom. colourless ~10% = faint orange stain - gtz contained in a kaolinitic 'cement' (60-80% - soft, white = 80-90% orange stained - rare to no black mineral or mica flakes. ** black mineral or possibly lithic fragments
40	SAND = SANDY CLAY Bands gtz xtrals medium to very fine subangular to subround - ~90% orange stain - 1-3% black lithic specks. - 5/10 as gray sandy clay as for 10-20 - possibly contamination		gtz 90% orange stained	np.	np.		0/1/35 0/1/40 0/1/45 0/1/50	
60	SANDY SILTY CLAY - moderate compact ~10% gtz, subangular to subround, fine to very fine, predom. in an orange stained ~1-2% white xtrals (possibly flspar) in an orange brown silty clay matrix - plastic 65-75:		silty clay 10% dark orange brown 10% light orange brown silty clay	np.	np. rare flspar.		0/1/60 0/1/65 0/1/70 0/1/75	
80	75-80: increase in % and size of gtz - 10-15% and up to 1/2 mm. in a banded orange brown to gray silty clay matrix 80-85: 10-20% gtz		~70% silty clay orange brown 100% orange brown.				0/1/80 0/1/85	
90	CLAYEY SAND = PEBBLE Bands - poorly sorted, 40-50% gtz any to subround, medium to very fine - colourless + 1-5% as large kaolin grains + black mineral (1-3%) - decomposed, friable in a light grey to slight grey blue tinge clay matrix (appears kaolinitic 30-50%)		np.	np.	1-5% kaolin after flspar? grains.		0/1/90 0/1/95 0/1/100	
110	- rare large frags of gtz like and dolerite up to 15mm - either at thin pebble band or more probably just a stray pebble. 100-125: decrease in xtal size to fine to very fine - increase in % of gtz up to 80-90% in a predom gray matrix ~10% - rare small pebbles of gtz up to 5mm, subang. to subrnd.						0/1/105 0/1/110 0/1/115 0/1/120 0/1/125	
130	SAND + carbonaceous WOOD Fragments. Predom gtz, subang to subround, fine to very fine, colourless + 1-5% medium to very fine, predom. medium white flspar xtrals, - predom. slightly kaolinised + 1-3% gray lithic grains - predom. very fine		np.	5-10% wood frags from 1mm to 5mm.	1-5% flspar slightly kaolinised.		0/1/130 0/1/135 0/1/140	NO. BRAN USED 125-325' very little return of cuttings. and most of this was lost through the finest mesh into the trough to leave only the bran and wood frags.
140							0/1/145 0/1/150	- the fine sand was obtained from the trough and is in the sample bag marked 0/1/130-355
150							0/1/155 0/1/160	
160							0/1/165 0/1/170	
170							0/1/175 0/1/180	
180							0/1/185 0/1/190	
190							0/1/195 0/1/200	
200	CONTINUOUS SAND. Hard layer between 265-270 and 295-297 - NO CUTTINGS - presumably SILCRETE Bands.						0/1/205 0/1/370 0/1/375	ALL CONT. sampled at every 5' interval as before
370							0/1/380 0/1/385	
380	375-395 } increase in size of gtz xtrals - predom medium to coarse		rare orange stain				0/1/390 0/1/395	
390							0/1/400 0/1/405	
400	CARBONACEOUS SILTY SAND. poorly sorted - subangular to subround gtz xtrals, colourless coarse to very fine + small black peaty specks = in dark brown silt matrix - carbon an interstitial component?		np.	abt. peaty specks + wood frags	~5% slightly to totally kaolinised flspar		0/1/410 0/1/415 0/1/420	
420							0/1/425 0/1/430	
430			rare orange stain matrix				0/1/435 0/1/440	
440			predom gtz stained + 40-50% matrix orange stain				0/1/445 0/1/450	
450							0/1/455 0/1/460	
460	PEBBY SAND + carb WOOD silt particles - possibly contamination from drilling fluid - silt content ~5% is gtz pebbles up to 5mm. subang. to subrnd.		30-40% gtz orange stained	60% carb wood frags			0/1/465 0/1/470	
470	465-470 ~5-10% gtz pebbles up to 8mm.							