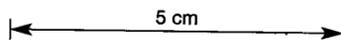


GETTY OIL DEVELOPMENT CO. LTD.
 PERCUSSION DRILLING LOG.
 LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. S/14 ii ~ 150 yds East of S/14 i
 LOCATION ~ 5 miles WNW of LONFORD.
 COORDS N E
 TOTAL DEPTH 455'
 COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL
 GAMMA LOGGED D. TOWREY
 GEOL. LOGGED P. GRIFFITHS.
 HOLE DIAMETER 4 1/2"
 PROBE DIAMETER

STARTED 22/1/73
 COMPLETED 22/1/73
 SHEET 1 OF 2
 SCALE 10' = 1"



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
	SILTY CLAY: a mottly orange brown to reddish brown - moderately compact (plastic)	---	100% orange brown to reddish brown	n.p.	n.p.		S/14/5	S/14 ii was stopped at 185' due to large and numerous ground cracks giving rise to little cutting return and excessive water loss.
10	CLAY: - light grey & some orange brown staining - plastic & homogeneous. - Bands(?) of well compacted orange brown to reddish brown clay (20-30%)	---	10-20% orange brown stain		2 in matrix as kaol.		S/14/10	
	10-15: clay & predom yellow orange stain - band(?) of red brown Fe stone ~ 10% of whole.	---	10-20% yellow orange stain				S/14/15	Samples 0-100' are from S/14 i & are marked S/14/10-100
20	15-20: clay & reddish brown to yellow orange stain	---	10-20% red brown 5-10% yellow orange				S/14/20	Sample 105-455' are from S/14 ii & are marked S/14 ii/105-455
	20-25: clay as for 15-20' - an increase in Fe stain	---	20-30% red brown 5% yellow orange				S/14/25	* Fe column refers to stain in plastic clay 5'-45-53'
30	25-30: clay is predom red brown & some yellow orange to orange brown stain - ~ 10% Fe stone frags	---	70% red brown 10-20% orange brown yellow orange				S/14/30	
	30-35: clay a fawn to red to orange brown & ~ 10% Fe stone frags => Fe stone band(?) + thin band of brown silt to clayey silt (~ 5%)	---	40% fawn brown 20% red brown 5-10% orange brown				S/14/35	
40	35-40: clay predom fawn brown & some red brown stain - thin band of brown to fawn brown silt (5-10% of whole).	---	70-80% fawn brown 5-10% red brown				S/14/40	
	SANDY CLAY: fine to very fine qtz (10-20%) in a clay as above - light grey & some yellow orange & red to fawn brown staining - plastic	---	20-30% fawn brown 10-20% yellow orange 5% red brown				S/14/45	
50	CLAY: - predom orange brown stained & some rare red brown staining.	---	80-90% fawn brown + rare red brown stain				S/14/50	
~ 53'		---					S/14/55	
60	CARBONACEOUS CLAY: dark grey to predominantly chocolate brown - plastic and homogeneous - black carbonaceous inclusions + carbon as an interstitial component of matrix - 1-2% white mica flakes.	---	rare orange brown stain	black carb. inclusions etc.	n.p.		S/14/60	
70	- minor silt content.	---		as comp. of matrix			S/14/65	
80	65-70: thin band of brown silt to clayey silt (~ 2%) - poorly compacted.	---					S/14/75	
		---					S/14/80	
90		---					S/14/85	
		---					S/14/90	
100		---					S/14/95	
		---					S/14/100	
100-105:	thin band of brown silt to clayey silt.	---					S/14/105	
~ 109'		---					S/14/110	
110	SANDY SILT: fine to very fine qtz - round x tals ~ 10-50% + 5-10% white kaolin specks + 1-2% green mafic minerals. + 1-2% white mica flakes + abt. thin peaty stringers + black carb. inclusions in a grey blue to yellow grey to grey brown silty matrix	---	n.p.	1-3% carb. wood frags	5-10% kaol. flecks		S/14/115	
120	- bands of 'coarser' sandy silt containing 40-50% fine to very fine qtz & finer bands containing predom silt size grains & 10-30% fine to very fine qtz.	---		rare wood frags			S/14/120	
130	109-120: predom fine sandy silt	---		~ 5% wood frags			S/14/125	
	120-133: predom coarse sandy silt	---		10-20% wood frags.			S/14/130	
~ 133'		---					S/14/135	
140	CARB. SILTY CLAY: 133-145': as for carb. clay above but increase in silt content up to ~ 40%.	---	n.p.	rare wood frags	n.p.		S/14/140	
		---					S/14/145	
150	145-153' ~ 50% of sample is a light grey (& slight blue tinge) silty clay - plastic - homog. ~ 50% carb. silty clay.	---		no wood frags.			S/14/150	
		---					S/14/155	
160	SANDY SILT: 153-160: ~ 10% fine to very fine qtz, round + 1-5% white kaolin specks + 1-3% green mafic mineral + rare carbonaceous stringers + wood frags. in a grey blue silty matrix - contains a rare slightly yellow orange stain	---	rare yellow orange stain	rare peaty stringers + wood frags	1-5% white kaol.		S/14/160	
	160 - increase in % kaolin up to 5-10%	---			5-10% white kaolin		S/14/165	
170	~ 10-20% of samples consists of a coarser sandy silt where up to 40%	---					S/14/170	
	16 fine to very fine qtz => Bands of 'coarser' sandy silt & in a predom. finer' sandy silt	---					S/14/175	
180	165-170: thin band of hard SILCRETE. (a silicified sandy silt containing white kaol. specks).	---		1-5% of sample contains abt. black peaty stringers			S/14/180	
	175-195: 1-5% of sample contains black peaty stringers => thin bands of carb. sandy silt & non carb. sandy silt	---					S/14/185	
190	Increase in % of green mafic mineral up to ~ 5%	---					S/14/190	
		---					S/14/195	
195-200:	Bands of SANDY SILT + PEAT & CARB. WOOD.	---	n.p.	~ 20% carb. matter + peat in sandy silt			S/14/200	
200	~ 70-80% SANDY SILT. + 20% carb. peaty wood frags - soft dark brown to black & peat - very soft dark brown carb. matter	---		carb. wood frags				