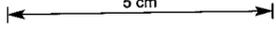


1386

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

HOLE NO. 0/6 CONTRACTOR AUSTRAL UNITED GEOPHYSICAL STARTED 8/12/1973
LOCATION ~ 4.2 miles N.E. of CRESSY on PRINSHANGER GAMMA LOGGED COMPLETED 9/12/1973
COORDS N E GEOL. LOGGED R.J. WILLIAMS T. MIDDLETON SHEET 1 OF 2
TOTAL DEPTH 320 FT. HOLE DIAMETER 4" SCALE 10 FEET = 1 INCH
COLLAR ELEV. 520' A.S.L. PROBE DIAMETER



DEPTH	DESCRIPTION	Graphic Lith	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
10	PEBBLE SILTY SAND. Predom brown, poorly sorted sand & abundant Qtz - colorless to brown due to ferrug staining. Silty matrix extensive stained & ferrug material. Pebbles 10-20% of cuttings from 0-6", 5-10% from 5-10", include Qtz predom (1/8") sub-ang to med, stained brown due to ferrug. staining, rare lim nodes, possible flint?			Fe ferrug staining of all components As rare lim nodes	n.p.	As possible minor gravel content. 10% to clay mins silty matrix	0/6/03 0/6/10	Cuttings water flushed
20	SILTY CLAY WITH LENSES OF SILTY SAND AND IRONSTONE CRIBBLE. Mottled grey, brown and red brown. Predom grey homog silty clay with minor lenses of silty sand predom Qtz ferrug stained silty clay matrix (carbon 0-10%) Ironstone (limonite?) frags 5-10% of cuttings - compact hard, sub-ang to med sized (rare common pebbles of Qtz/iron) and flint?			As limonite pebbles (cuttings rounded) 10% of cuttings are largest of silt	n.p.	As minor sand, sand, sand and rare flint pebbles	0/6/15 0/6/20	
30	SILTY SAND. Mottled yellow brown and grey with rare patches of red ferrug st. silty clay. Silty sand, homog predom Qtz 0-20% ended clear to brown. Common white specks kaolin after flint 20-30%, rare dark mineral 1%. 20-25% minor contamination of cuttings with ironstone frags.			As ferrug brown red orange staining throughout As rare common ironstone frags 20-25%	n.p.	Kaolin after flint 20% white specks in silty sand	0/6/25 0/6/30 0/6/35	
40	SANDY SILT - grey to grey brown. Sand component 1/2 depth, gradational change to silty clay. Sandy silt to predom Qtz (rounded) & minor dull white to yellow flint specks. Common brown ferrug stained patches 20%.			As minor ferrug stain in brown patches	n.p.	Dull white to yellow specks Kaolin after flint	0/6/40 0/6/45	
50	FERRUGINOUS STAINED SILTY CLAY. Predom brown (ferrug) with orange patches. Cuttings predom clay & minor silt component. Fine gr, homog. Constituents predom clay mins. Orange ferrug st. patches 2%.			As ferrug staining brown to yellow brown to orange throughout	n.p.	All clay? mins?	0/6/50 0/6/55	
60	60-50'. Common 2-3% Qtz pebbles - subrounded (1/8") pebbles contain? at thin band through clay. 60-60'. abundant 30% limonite frags - hard compact, brown, angular. Possible banding through softer clay. Oxidation Boundary?			As limonite bands?			0/6/60 0/6/65	
70	CARBONACEOUS SILTY CLAY. Dark grey to dark brown. Fine gr, homog texture. Constituents predom clay minerals. Carbon as fine gr, interstitial component in clay matrix giving brown coloration, and as peaty black chips - abundance variable & depth (see CARBON). Overall plastic cuttings.			n.p.	As fine gr. interstitial compo. nodes throughout		0/6/70 0/6/75 0/6/80	
80	Common light brown silty clay frags throughout. Abundant & depth & contain from above			As 20-35% peaty chips 1/2			0/6/85	
90	SILTY SAND. Homog texture. Grey to bluish grey. Appearance Qtz (rounded) and dull white flint (minor) in minor silty matrix (bluish grey to colour). Sand component 1/2 depth.			n.p.	n.p.	As dull white frags of flint through silty sand	0/6/90 0/6/95 0/6/100	
100							0/6/105	
110							0/6/110 0/6/115	0/6/110? Extensively contaminated & poor. 0/6/115?
120	CARBONACEOUS SANDY SILT. Overall homog. Sand component 1/2 depth 40-20% as silt component & 2 depth 60-80%. Overall bluish grey to brown in colour depending on relative abundance of carbonaceous material. Sand with apparent mottled Qtz predom, + minor yellow white specks - kaolin after flint. Silt predom constituent clay mins.			n.p.	As 15% interstitial through out.	As fine gr. interstitial compo. nodes throughout	0/6/120 0/6/125	
130	Carbon as fine gr interstitial component of silty matrix and as large peaty chips abundance variable & depth (see CARBON). 115-135' frequent pebbles frags of lithic rock crystalline with apparent Qtz and mafic? 5-10% of cuttings - hard.			As 135-135' fine peaty black chips		As fine gr. interstitial compo. nodes throughout	0/6/130 0/6/135	
140	Abundance of lithic pebbles & after 135'						0/6/140	
150	Throughout sandy silt frags - rare 1-2% frags of fine gr, brown clay, probably thin bands through sandy silt. Remnant from 130-135'						0/6/145 0/6/150	
160	Abundance of carbonaceous material ↑ & depth						0/6/155 0/6/160	
170				As 165-175' 60-80% peaty chips			0/6/165 0/6/170	
180							0/6/175 0/6/180	
190	PERT. partly carbonised dark brown to black peaty wood fragments & organic material, with minor silt and clayey frags. Clay with white kaolinitic particles.			n.p.	As 75% carbonaceous matter	Kaolin after flint white patches in grey clay	0/6/185 0/6/190 0/6/195	
200	CLAYEY SILT. Notable 1/2 in carbonaceous material. Cuttings predom silt with minor clay and fine sand (Qtz) components			n.p.	As 5% carb. material	All to clay? mins?	0/6/200	
210	PERT-LIGNITE. 75% dark brown to black partly carbonised wood and organic material. Minor carbonaceous clayey silt component through cuttings.			n.p.	As 75% carbonaceous material		0/6/205 0/6/210	0/6 CONTINUED SHEET 2 OF 2
220	SANDY, CLAYEY SILT. variably carbonaceous			n.p.	As 30% carb. material throughout	All to clay? mins?	0/6/215 0/6/220 0/6/225 0/6/230	
230							0/6/235	
240	PERT-LIGNITE. As from 200 & 210. >50% carb. material with minor grey clayey organic silt & some sand grade kaolinitic particles. grey, brown SILTY CLAY & decomposed DOLERITE boulders. and abundant peaty wood.				>50%	Kaolin after flint (minor)	0/6/240 0/6/245	
250	decomposed DOLERITE - soft friable grey to dark green with igneous text & boulders?						0/6/250 0/6/255	
260	SILTY SANDY CLAY - carbonaceous - minor DOLERITE BOULDERS. Silty sandy clay - dark brown						0/6/260	
270	Decomposed DOLERITE - common persistent brown organic silty clay frags - possible boulder beds? Clay persistent to 280 ft						0/6/265 0/6/270	
280							0/6/275 0/6/280	
290							0/6/285 0/6/290	
300							0/6/295 0/6/300	
310							0/6/305 0/6/310	
320							0/6/315 0/6/320	
320	END OF HOLE 320 FT - DOLERITE BASEMENT							