

GETTY OIL DEVELOPMENT CO. LTD.

PERCUSSION DRILLING LOG.

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. S/11

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

STARTED 19/11/1973

LOCATION 5.5 miles W.S.W. of LONGFORD

GAMMA LOGGED D. TOWREY

COMPLETED 20/1/1973

COORDS N E

GEOL. LOGGED R.J. WILLINK

SHEET 1 OF 2

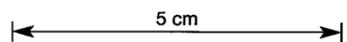
TOTAL DEPTH 495 FT

HOLE DIAMETER 4 1/2"

SCALE 10 FT = 1 IN.

COLLAR ELEV.

PROBE DIAMETER



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
0-5ft	CLAY WITH FERRUG. STAINING AND LIMONITIC BANDS Overall fine gr homog clay & minor silt component. Variable colour, plasticity and limonitic content & depth. Constituent clay mins. predominant	(Fe)	As ferrug brown, yellow brown and red	np	Att. to clay mins?		S/11/0-5	Cuttings air flushed 0-12ft. Hole cased 0-12ft due to presence of large ground cracks (visible from surface).
5-10ft	brown & minor grey clay patches - plastic						S/11/10	
10-15ft	grey & minor brown clay patches - plastic		Staining throughout				S/11/15	Cuttings water flushed 12ft onwards.
15-20ft	mottled grey and ferrugst red brown plastic clays. Common yellow brown non plastic clay frags.	(Fe)	As extensive limonitic bands				S/11/20	
20-25ft	mottled grey and red brown plastic clays.						S/11/25	
25-30ft	loosely compacted, predom ferrugst red brown & 10% of cuttings - hard ang. brown limonitic frags -> banding?						S/11/30	
30-35ft	25-30ft mottled grey & red brown clays & 30% hard ang limonitic frags -> extensive banding	(Fe)					S/11/35	
35-40ft	60% hard yellow brown, ang limonitic frags scattered through loosely compacted yellow brown NON plastic, homog. clay						S/11/40	
40-45ft	Extensive limonitic banding?						S/11/45	
45-50ft	Lower Oxidation limit?	(Fe)					S/11/50	
50-55ft	CARBONACEOUS CLAY Dark brown to dark grey. Fine gr. homog. Plastic. Carbon as fine gr. interstitial component of clay matrix		As rare ferrug streaks	As rare silt of clay matrix	Att. to clay mins.		S/11/55	
55-60ft	Extensive contam. of cuttings - limonitic frags 5%. Rare ferrug red streaks through clay 2%.						S/11/60	
60-65ft	INTERBEDDED CARBONACEOUS CLAY (brown), FERRUGINOUS CLAY (red mud) AND NON-CARBONACEOUS SILTY CLAY (grey)		As ferrug red staining in ferrug clay	As inter. silt of carb clay	Att. to clay mins kaolin after silt clay?		S/11/65	
65-70ft	Carbonaceous clay - as from 60-65ft (above)						S/11/70	
70-75ft	Ferrug clay red mud like appearance. Fine gr & ferrug staining of matrix const.	(Fe)	As rare limonitic ang frags 70-80%				S/11/75	
75-80ft	Non carb silty clay - predom grey, fine gr & minor silt component in otherwise homog clay matrix						S/11/80	
80-85ft	Apparent kaolinitic white specks 5-10% through silty clay						S/11/85	
85-90ft	% abundance of components - variable & depth						S/11/90	
90-95ft	60-65' 80% carb. clay 25% non carb silty clay 5% ferrug clay	(Fe)					S/11/95	
95-100ft	& depth - silty clay ↑, carb clay ↓ 65-95' carb clay 40-20% non carb silty clay 60-80% ferrug clay 5-10% (relatively constant abund.)						S/11/100	
100-105ft	70-80' Rare hard limonitic ang frags -> banding OR contam.?						S/11/105	
105-110ft	STRANDY SILT Predom grey. Fine gr & minor fine gr. sand frags in otherwise homog silty matrix. Sand & apparent Qtz? (clean) and kaolinitic sand grade particles in fine gr silty matrix		np	np	kaolin after silt		S/11/110	
110-115ft	Minor contam. of cuttings - carb clay ferrug mud and silty clay				(white specks 5-10%)		S/11/115	
115-120ft	CARBONACEOUS SILT WITH MINOR BANDS OF FERRUGINOUS CLAY, CARBONACEOUS CLAY AND NON-CARBONACEOUS CLAY		As ferrug stain in carb red ferrug clay frags	As interbedded + peaty stringers through silt	kaolin after silt 5%		S/11/120	
120-125ft	Ferrug clay Carb clay Non carb silty clay } As from 60-95ft. } 20% of cuttings collectively						S/11/125	
125-130ft	Carbonaceous silt - 80% - homogeneous, brown & common yellow to white kaolinitic specks and carbonaceous peaty stringers 5-10% through fine gr silty matrix						S/11/130	
130-135ft	Rare hard angular brown consolidated silt frags 5% throughout -> banding?						S/11/135	
135-140ft	INTERBEDDED CARBONACEOUS CLAY, NON-CARBONACEOUS SILTY CLAY AND FERRUGINOUS CLAY		As ferrug red brown stain in carb red ferrug clay frags	As clay clay inter. silt	Att. to clay mins kaolin after silt white specks in silty clay		S/11/140	Extensive discoloration and contamination of cuttings - washing medium does allow accurate % abundance determination of components.
140-145ft	Carbonaceous clay - moderately compacted to moderately plastic. Fine gr brown, homog.	(Fe)					S/11/145	
145-150ft	Non carb silty clay - grey & apparent white kaolinitic particles through homog. matrix moderately compacted.						S/11/150	
150-155ft	Ferrug clay - fine gr. ferrug red brown staining. Variable plastic to moderately compact.						S/11/155	
155-160ft	Cuttings throughout predom carb clay 60-70% & slight ↓ in abundance & depth						S/11/160	
160-165ft	Minor non carb silty clay ↑ & depth 20-25%						S/11/165	
165-170ft	Ferrug clay - relatively constant throughout 5-10%						S/11/170	
170-175ft		(Fe)					S/11/175	
175-180ft							S/11/180	
180-185ft							S/11/185	
185-190ft							S/11/190	
190-195ft							S/11/195	
195-200ft		(Fe)					S/11/200	