

LAUNCESTON BASIN PROJECT TASMANIA

HOLE NO. T/8

LOCATION

COORDS

TOTAL DEPTH 465'

COLLAR ELEV.

CONTRACTOR AUSTRAL UNITED GEOPHYSICAL

GAMMA LOGGED

GEOL. LOGGED P. GRIFFITHS

HOLE DIAMETER

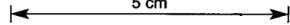
PROBE DIAMETER

STARTED 18/12/72 at 8:00am

COMPLETED 18/12/72 at 6:00pm

SHEET OF

SCALE



DEPTH	DESCRIPTION	Graphic Lith.	Fe.	Carbon	Feldspar	Other	Sample No.	COMMENTS
0'	SANDY SILT: fine to very fine qtz & a predom orange brown stained silt matrix - banded grey to yellow orange to orange brown.		70% orange stain	n.p.	n.p.		T/8/5	
4'	SANDY SILTY CLAY: dark grey to fine qtz - 1m frag up to 2mm rare qtz like pebbles up to 0.5mm - some dark red brown stain in matrix - moderately compact.		30-40% red brown stain	"	"		T/8/10	
10'	CLAY: Predom light grey - homogeneous, moderately compact - some yellow orange stain 10-15% - abt 1m nodules a band of lim nodules (corconna). Thin band of		30-40% yellow orange stain	rare black specks	lim clay		T/8/15	
15'	SANDY SILTY CLAY: poorly sorted, some fine to very fine (orange stained) + f'dpar + 1-2% black specks + minor wood frag in matrix		60-70% clay orange stain + most of qtz	1-2% black specks	minor wood frag		T/8/20	
20'	CLAY: as for 15' + abt 1m nodules, clay stained yellow orange (to brick red) (br.)		70-80% brick red to orange brown stain	rare specks			T/8/25	
25-30'	Thin bands of well compacted brick red brown clay in the mod. compacted clay, mottled brick red, orange, yellow orange to light grey		30-40% brick red to orange brown stain				T/8/30	
30'	grades in a predom orange brown to fawn clay homogeneous. Some thin bands of dark brown to black silty clay - some brick red clay - rare lim nodules (conna) - predom buff		70-80% brick red to orange brown stain				T/8/35	
35-45'	thin bands of sandy silty clay - 10-20% qtz + f'dpar, fine to very fine (radio subrad)						T/8/40	
40'			80-90% orange brown to buff				T/8/45	
50'	grades into a						T/8/50	
60'	CARBONACEOUS CLAY: Predom chocolate brown, some grey clay - homogeneous, poorly to moderately compacted - 1-2% mica specks + some black carb. inclusions + interstitial carb. matter.		rare orange stain	black carb. inclusions + interstitial carb. matter	n.p.		T/8/55	
70'			n.p.				T/8/60	
80'							T/8/65	
90'							T/8/70	
100'							T/8/75	
110'							T/8/80	
120'							T/8/85	
130'	125-197' Thin bands of competent, brown siltstone + some silty clay bands. - for example, 125-130' chocolate brown to dark grey carb. silty clay - grades into a well compacted brown silty clay - grades into a thin band of siltstone at 132'						T/8/90	
140'							T/8/95	
150'	150-155 - thin band of siltstone.						T/8/100	
160'							T/8/105	
170'	170-175 band of greenish brown siltstone.						T/8/110	
180'	180-185 band of brown siltstone						T/8/115	
190'	190-195 brown siltstone.						T/8/120	
200'	CARB SANDY SILTY CLAY: poorly sorted, predom. med to subrad, fine to very fine (some medium) qtz (10-30%) + wood frags, + peaty flakes + black specks in a blue grey silty clay matrix.		n.p.	~5% wood frags + black specks			T/8/125	
210'	abundant wood fragments, soft, dark brown to black, slightly peaty up to ~10mm long.			~5% wood frags + small peaty flakes + black specks			T/8/130	
220'	↑ in % qtz (+f'dpar!) up to 50% - fine to very fine - only rare medium size grains. - in a blue grey matrix. - grades into a			40-50% wood frags + black specks			T/8/135	
230'	CARB. SILTY SAND. qtz + f'dpar! (60-80%) - fine to very fine, med to subrad. + ~5% black specks + some peaty band in a grey to grey blue silt matrix. - grades into a		n.p.	~5% wood frags + peaty flakes + black specks			T/8/140	
240'	CARB. FEELS SAND: poorly sorted very coarse to very fine (± 2-3mm) qtz (80-90%) + f'dpar (~10%) + wood fragments + some black specks. - grain size predom medium to very fine		n.p.	20-30% wood frags	~10% xtals.		T/8/145	
250'				5-10% wood frags			T/8/150	
260'				~5% wood frags			T/8/155	
268'				1-5% wood frags			T/8/160	
270'	CARB SILTY SAND: As above 230-238' ~70-80% qtz + some f'dpar, subang to subrad fine to very fine + 1-2% black specks + some wood fragments in a grey blue silt matrix - 270' to 450' brown carb. clay lenses - grades into a			~5% wood frags + 1-2% black specks	some f'dpar		T/8/165	
280'			rare orange stain in matrix.				T/8/170	
290'	SANDY SILT: - poorly sorted ~10-30% qtz + f'dpar (!), medium to very fine + 5-20% black specks in a grey blue silty matrix.		n.p.	rare wood 5-20% black specks			T/8/175	
							T/8/180	