



AYU-1 STRATIGRAPHY

DEPT. NAT. RES & ENV



PE902103

A.H. Feb 90

AGE/ EPOCH	LITHO. STRATIGRAPHY	BIO. STRAT.	SEISMO. STRAT.	TWT (sec) S.S.	DEPTH (m) R.K.B.	DEPTH (m) S.S.	KEY HORIZONS RKB (ELEV. 28m)	STRAT. COLUMN	LITHOLOGY			
							SEA LEVEL					
				0.112	112	(-84)	SEA FLOOR		No returns.			
MIOCENE-PLIOCENE	SEASPRAY GROUP	GIPPSLAND LIMESTONE	B-2					500m	CALCARENITE: light grey, off white firm-mod. hard, common forams, abundant calcite cement.			
				TG6							MARL: light grey, soft to firm, sticky, variably silty.	
					0.792	935	(-907)					CALCARENITE: as above, but loc. light green with abd. glauc. nodules.
				TG4							MARL: light grey, light olive grey, soft, sticky.	
					0.870	1053	(-1025)					CALCARENITE: as above, but very argillaceous, common glauconite.
				TG3								
								1.221	1740	(-1712)	TOP LAKES ENTRANCE	
		LAKES ENTRANCE FM.	UPPER	C								
				D-1	TL2					CLAYSTONE: light grey, soft sticky silty in parts, very calc, grading to marl.		
				E-1								
				F								
				G								
		LOWER		H	TL1				CLAYSTONE: as above.			
									SILTSTONE: med. grey, greenish grey, mod. hard, very argillaceous, carb. in parts, pyritic in parts.			
? - ? OLIGOCENE				? - ? I-1								
				1.714	2490	(-2462)	TOP LATROBE (NO GURNARD FORMATION PRESENT IN AYU-1)					
PALAEOCENE	LATROBE GROUP			L. BALMEI	PL.			2500m	SANDSTONE: light grey, clear, fine - med, occ coarse, predom. loose, trace arg., traces glauc., occ lithics, good por, no shows			
MAAST.					UK5				SANDSTONE: as above, but calc cement, no show COAL: traces near T.D.			
		U.T. LONGUS		1.830	2705.5	(-2677.5)	TOP MAASTRICHTIAN					
				2.064	2750	(-2722)	T.D. AYU-1 2750m					
								3000m				