MUDSKIPPER - 1

STRATIGRAPHY

DEPT. NAT. RES & ENV
PE906525

AGE/ EPOCH	LITHO. STRATIGRAPHY		BIO. STRAT.	SEISMO. STRAT.	TWT (sec) S.S.	DEPTH (m) R.K.B.	DEPTH (m) S.S.	KEY HORIZONS	STRAT. COLUMN	LITHOLOGY
								RKB (ELEV. 27m)		
								SEA LEVEL		
						101	(-74)	SEA FLOOR		
MIOCENE - PLIOCENE	SEASPRAY GROUP	GIPPSLAND LIMESTONE							500m	NO RETURNS
		LAKES ENTRANCE FM. UPPER			561	615.5?	588.5?	TOP LAKES ENTRANCE FM.		CALCARENITE: off white to light grey, occasionally medium grey, loose very friable, abundant fossil fragments, fine to coarse, good porisity.
									1000m	MARL: light olive grey, soft to firm, dispersive in part, trace glauconite, trace pyrite, rare fossil fragments, amorphous.
										CLAYSTONE: light to medium grey, soft to firm, very calcareous, trace pyrite, amorphous.
										MARL: as above, grades to claystone in part.
		LAKES ENTRANCE FM. LOWER			1025	1175	(-1148)	INTRA LAKES ENTRANCE		
										CLAYSTONE: medium grey, soft to moderately hard, very calcareous, grades to silty in part, blocky to fissile with trace hard limestone.
					1242	1475	(-1448)	TOP GURNARD FM.	1500m	
EOCENE U.		GURNARD	N.ASPE-RUS	UP.	GURNARD	1258	1499	(-1472)		CLAYSTONE: red, silty-sandy, radioactive, soft.
EAR. M.				LW.		1262	1504.5	(-1477.5)		SANDSTONE: light grey, translucent, very lean, fine to coarse.
PALAEOCENE	LATROBE GROUP	EOCENE PALAEOCENE	LEAN		REGRESSIVE CYCLE	1276	1525	(-1498)	TOP LATROBE GROUP	SILTSTONE: light grey, radioactive, interbedded with:
			L. BALMEI		TRAN. CYCLE	1302	1586	(-1559)		SANDSTONE: as above, abundant arg. and micaceous matrix.
						1312	1612	(-1585)	TOP PALAEOCENE TRANSGRESSIVE CYCLE	
	BASEMENT		TD = 1631m bkb (-1604m bsl)				1631	(-1604)	TOP BASEMENT	BASEMENT GRANITE: pink hard, weathered.

A.H. 29/6/90
G 934