



FORAMINIFERAL ANALYSIS
OF PERCH-2,
GIPPSLAND BASIN

by

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D.G. FILE = PERCH2

PALEO.CARDS MBR = PERCH2F

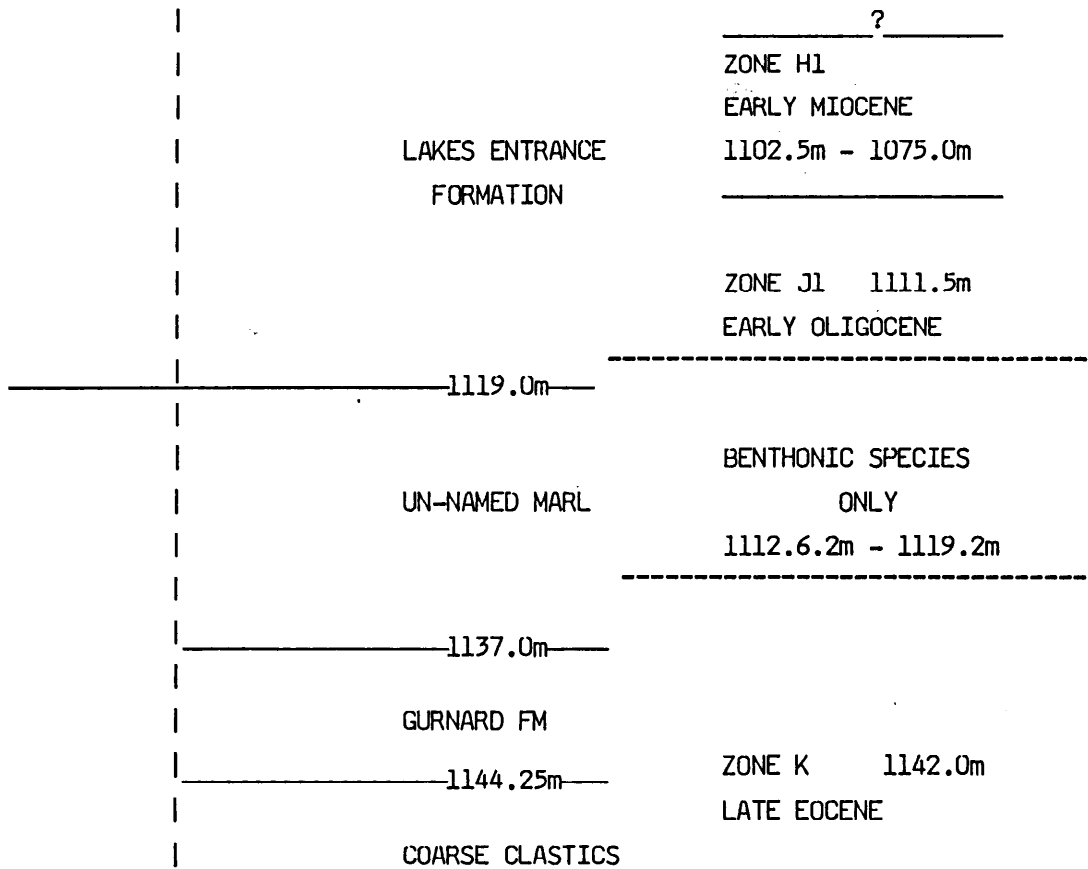
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INTRODUCTION

Seven sidewall core samples were examined from across the Latrobe Group/Seaspray Group boundary. Sample gaps and a dearth of planktonic feraminifera makes the exact position of the boundary uncertain.

GEOLOGICAL SUMMARY - PERCH 2



BIOSTRATIGRAPHY

LATE EOCENE - ZONE K - 1142.0m

The recognition of Globigerina brevis, Globigerina linaperta and Globorotalia postcretacea enables this sample to be assigned to zone K with a high degree of confidence.

EARLY OLIGOCENE - ZONE J1 - 1111.5m.

The sample assigned to this zone lacks the accepted zonal indicator species. However, the recognition of Chiloguembelina cubensis and Globigerina triloculinoides is sufficient for the zonal assignment albeit with a reduced confidence rating.

EARLY MIOCENE - ZONE H1 1102.0m - 1075.0m.

The presence of Globigerina woodi connecta without Globigerinoides trilobus is indicative of zone H1.

Reworking of Early Oligocene/Late Eocene material (Globigerina labiacrassata and Globorotalia postcretacea) occurs in the basal zone H1 sample (Sidewall core 29 at 1102.0m).

TABLE 1: DATA SUMMARY, PERCH-2, GIPPSLAND BASIN

DEPTH (M)	SWC NO.	PRESERVATION	YIELD	ZONE	AGE	COMMENTS
1142.0	23	Good	Poor	K	Late Eocene	
1126.2	25	Poor	Poor	?	Indeterminate	Benthonic species only
1119.2	26	Poor	Poor	?	Indeterminate	Benthonic species only
1111.5	27	Moderate	Fair	J1	Early Oligocene	
1102.5	28	Moderate	Fair	H-1	Early Miocene	
1088.0	29	Moderate	Good	H-1	Early Miocene	
1075.0	30	Poor	Fair	H-1	Early Miocene	Top Sample

MICROPALAEONTOLOGICAL DATA SHEET

BASIN: GIPPSLAND

ELEVATION: KB: 21 GL: -45.5

WELL NAME: PERCH-2

TOTAL DEPTH: 1321.0

AGE	FORAM. ZONULES	HIGHEST DATA					LOWEST DATA				
		Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time	Preferred Depth	Rtg	Alternate Depth	Rtg	Two Way Time
PLEIS- TOCENE	A ₁										
	A ₂										
PLIO- CENE	A ₃										
	A ₄										
MIOCENE	LATE	B ₁									
		B ₂									
		C									
	MIDDLE	D ₁									
		D ₂									
		E ₁									
		E ₂									
	EARLY	F									
		G									
		H ₁	1075.0	1				1102.5	1		
	OLIGOCENE	LATE	H ₂								
			I ₁								
I ₂											
EARLY		J ₁	1111.5	2				1111.5	2		
		J ₂									
EOC- ENE	K	1142.0	0				1142.0	0			
	Pre-K										

COMMENTS: Top of Zone H1 - top sample taken

- CONFIDENCE RATING:
- 0: SWC or Core - Complete assemblage (very high confidence).
 - 1: SWC or Core - Almost complete assemblage (high confidence).
 - 2: SWC or Core - Close to zonule change but able to interpret (low confidence).
 - 3: Cuttings - Complete assemblage (low confidence).
 - 4: Cuttings - Incomplete assemblage, next to uninterpretable or SWC with depth suspicion (very low confidence).

NOTE: If an entry is given a 3 or 4 confidence rating, an alternative depth with a better confidence rating should be entered, if possible. If a sample cannot be assigned to one particular zone, then no entry should be made, unless a range of zones is given where the highest possible limit will appear in one zone and the lowest possible limit in another.

DATA RECORDED BY: MICHAEL HANNAH

DATE: 5/11/85

DATA REVISED BY: _____

DATE: _____