



PE990528

MICROPALAEONTOLOGICAL ANALYSIS, MUDSKIPPER-1, GIPPSLAND BASIN

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II. INTRODUCTION

A total of 10 sidewall core samples have been scrutinized for foraminifera from the interval 800m to 1472m in Mudskipper-1. Fossil assemblages identified in the well section have been plotted on the distribution chart (Appendix No. 2).

APPENDIX NO. 1: SUMMARY OF MICROPALAEONTOLOGICAL DATA, MUDSKIPPER-1

SAMPLE (mKB)	FORAM YIELD	FORAM PRESERV.	FORAM DIVERSITY
SWC30, 800	moderate/low	moderate/good	moderate
SWC29, 850	high	good	high
SWC28, 950	high	moderate	moderate/high
SWC27, 1000	high	moderate/good	high
SWC25, 1180	high	moderate/good	moderate
SWC24, 1210	high	moderate/good	high
SWC23, 1235	very low	very poor	low
*SWC22, 1300	very low	poor	very low
*SWC21, 1450	very low	poor	low
#SWC20, 1472	very low	poor	very low

* sample comprises contaminants only.

sample includes both in-situ taxa and contaminants.

SAMPLE TYPE OR NO.	SVC											DEPTH	FOSSIL NAMES
	800m	850m	950m	1000m	1180m	1210m	1235m	1300m	1450m	1472m			
BENTHONIC FORAMINIFERA													
	/	/		0	0	0	.						
Cibicides spp.	/	0	0	0		0			c.				
Fissurina spp.	.			.	.								
Bullimina pupoides	0	/											
Siphouvigerina proboscidea	0	0	0	0	0			c.					
Brizalina spp.	/	.	.										
Dentalina spp.	0												
Nodosaria spp.	/	0	/	/		0			/				
Lenticulina spp.	/	/	.	0	0	0	.	c.					
Globocassidulina subglobosa	/	0	.	.	.								
Lagenonodosaria scalaris	/	0											
Martinottiella communis	/	0	/	.	/								
Sphaeroidina bulloides	/	0	/	0	/			c/					
Cibicides spp. (small)	.	0	0	0	0			c/					
Siphonina australis	.	.	/	/	/								
Quinqueloculina spp.	/	0	0	0	/	0							
Cassidulina delicata/laevigata	.												
Pullenia aff. bulloides	.	/	0	/		0		c/					
Cibicides mediocris	/												
Pleurostomella spp.	0	.											
Lagena apiculata	/	.	.	.	.				
Heronallenia lingulata	.												
Textularia spp.	0	.											
Euuvigerina schwageri	/				/								
Gyroidina spp.	/												
Ramulina spp.	/												
Anomalina spp.	/	.	.	/	.								
Gyroidina zelandica	.	.	.	.	.			
Gaudryina spp.	.	.	.	.	.			
Cassidulinoides bradyi	.												
Pullenia quinqueloba	.												
Nonionella spp.	.	.	.	.	.			
Lagena spp.	/	.	/	0	/								
Hanzawala spp.	.				/								
Pyrulina aff. cylindroides	/												
Cassidulina spp.	.												
Quadriformina spp.	/												
Textularia semicarinata	.												
Pullenia bulloides	/	.	/	.	0								
Anomalinoides procolligera	.												
Indeterminate nodosarids	.	.	.	.	.			
Lagena sulcata	.	0		/									
Lagena acuticostata	.												
Globocassidulina spp.	.												
Trifarina bradyi	.				/	/							
Dorothia spp.	.												
Bulimina aff. aculeata	.												
Textularia aff. semicarinata	.												
Buliminella spp.	/												
Euuvigerina aff. flintii	.												
Glandulina spp.	.												
Karrerina maoria	.												
Eponides praecinctus	.												
Marssonella spp.	.												
Parrelina spp.	/												

. Single / Rare 0 Few ■ Dominant C Contamination
 / Rare . Common P Rare

SAMPLE TYPE OR NO.	DEPTH										
	800m	850m	950m	1000m	1180m	1210m	1235m	1300m	1450m	1472m	
Indeterminate agglutinates						.	/			.	
Heronallenia spp.						.					
Ammodiscus spp.						.					
?Guttelina spp.							.				
Hyperammina spp.							.				
?Marssonella spp.							.				
Haplophragmoides spp.										/	
Indeterminate rotalids										c.	
PLANKTONIC FORAMINIFERA											
Globorotalia miozea miozea	/	0	/	0		/					
Praeorbulina glomerosa	/										
Globigerina woodi woodi	/	0	0	■	0	●					
Globigerinoides trilobus	/	0	0	0	0	0			c.		
Globigerina praebulloides	/	●	0	■	0	●	/				
Globigerinoides sicanus	/	0			c/						
Turborotalia bella	/			/	.	.					
Globorotalia praescitula	/	●	0	■	0	0			c/		
Small planktonics	0	■	■	■	●	●		c.	c/	c.	
Globoquadrina dehiscens s.s.	/	.	.		/						
Globoquadrina advena	.	.	.	.	.	.
Globigerinoides spp.	.	.	.	.	.	.
Orbulina universa			c.		c.	c.				c.	
Globigerinoides aff. sicanus			.								
Turborotalia mayeri				0	.	0					
Globigerina woodi-connecta				/	/	/					
Turborotalia spp.					/				c/		
Globigerina venezuelana						0					
Indeterminate planktonics							/		c.		
Globigerina spp.							.	c.	c/		
Turborotalia aff. mayeri								c.			
OTHER SKELETAL MATERIAL											
Ostracods	.	/		/	.	/					
Fish teeth	.	.	.	.	.	.	.	.	.	.
Sponge spicules	/			/	/						

. Single / Rare 0 Few ■ Dominant C Contamination
 ● Common B Barren