

SELECTED BENTHONIC FORAMINIFERA IN ENVIRONMENTAL GROUPS

RESIDUE LITHOLOGY

PALEO-ENVIRONMENT

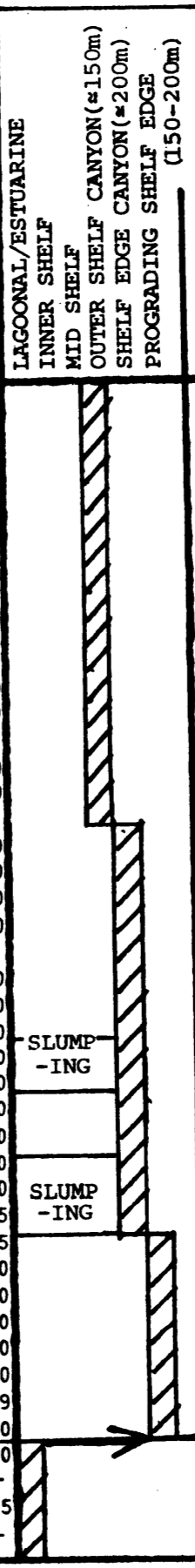
Foraminiferal Sequence by PALTECH

SIDEWALL CORE
Depth in metres

600.0
625.0
663.0
690.0
720.0
750.0
782.0
805.0
830.0
849.0
897.0
928.0
965.0
980.0
1010.0
1040.0
1055.0
1060.0
1077.0
1092.0
1110.0
1115.0
1130.0
1140.0
1150.0
1160.0
1170.0
1180.0
1187.0
1195.0
1199.0
1203.0
1207.0
1225.0
1240.0
1256.0
1265.0
1270.0
1270.0
1282.5
1285.0
1286.5
1288.0
1291.0

LAGOONAL	SLOPE/SHELF BREAK → OUTER SHELF	
Haplobragmoides spp. (coarse)		
Bathysiphon anguloseaensis		
Glaucospira corona		
Ammobaculites sp.		
Ammobaculites sp. (coarse)		
Trochammina spp.		
Bolivina spp. (smooth)		
Gaudryina "excavata"		
Gaudryina convexa		
Textularia spp.		
NODOSARIDS		
? Cyclammina spp.		
Karrerella bradyi		
Euvigierina maynii		
Vaginulinopsis gippslandica		
Bolivina spp. (smooth)		
Vulvulina granulosa		
Cassidulina subglobosa		
Notorotalia crassimurra		
Gyroldina zelandica		
Cibicides perforatus		
Cibicides mediocris		
Cibicides temperata		
Globbulimina spp.		
Osangularia bengalensis		
Sigmoidopsis schlumbergeri		
Sphaeroidina bulloides		
Discorbinaella berthei		
Siphovigierina proboscidea		
Cibicides opacus		
Cibicides subhaideri		
Martinotiella communis		
Anomalina macroglabra		
Astrononion centroplax		
MILIOLIDS		
Cibicides refulgens		
Hetrolepa victoriensis		
Euvigierina peregrina		
Karrerella maori		
Cibicides lobatulus		
Anomalinoidea procolligera		
Cassidulina laevigata		

MAJOR COMPONENTS	MINOR COMPONENTS	foram count	plank. foram %
b: bryozoa	biogenic pyrite		
sp: sponge spicules	limonite		
f: foraminifera	glauconite - pellets		
qtz: sandy silt	glauconite - clay		
micrite	c. ang. qtz.		
limonite	dk. gy. carb. siltst.		
pyrite	rock frags.		
glauc clay	mica		
glauc pellets	Gastropods		
dolomite	sponge spicules		
c-m ang. qtz.	bryozoal frags.		
f. ang. qtz.	echinoid spines		
	ostracodes		



MAJOR E-LOG CHARACTER CHANGES

PLANKTONIC FORAMINIFERAL ASSEMBLAGE

ZONE	Depth at Base
B-2	
C	849.0
?	965.0
	1010.0
D-1	
	1150.0
D-2	
	1170.0
	1203.0
	1207.0
E-1	1225.0
E-2	1240.0
F	
	1282.5
J	
	1288.0

AGE

LATE MIOCENE

MID MIOCENE

EARLY MIOCENE

EARLY OLIGOCENE

?

KEY: • = <20 specimens w = Worn specimens
* = ≥20 specimens R = Recycled glauc. moulds.

A = abundant 1-5% total grains
C = common <20 grains
r = rare

TABLE 2: SIGNIFICANT BENTHONIC FORAMINIFERAL DISTRIBUTION, RESIDUE LITHOLOGY & PALEOENVIRONMENTAL ASSESSMENT - HAMMERHEAD # 1. PALTECH REPORT 1982/19