

COMLEY-1

DEPT. NAT. RES & ENV  
PE900762

ENVIRONMENT	Inner Neritic	Inner/Middle Neritic	Middle Neritic	Inner Neritic	Inner/Middle Neritic	Middle Neritic	Indeterminate	Inner Neritic	Marine					
	Indeterminate	Middle Miocene	upper Early Miocene	Early Miocene	MI or younger	MI	No older than Late Oligocene	Late Oligocene	Indeterminate					
AGE									Early/Late Oligocene boundary					
PLANKTONIC FORAMINIFERAL ZONE	Indeterminate	D	F	G	MI or younger	MI	No older than Late Oligocene	Indeterminate	Indeterminate					
CALCAREOUS NANNOPLANKTON ZONE	Indeterminate		NN4 - NN5	NN2 - NN3	NN1	NP25	Indeterminate	Indeterminate	NP23 - NP24					
DEPTH (m)	161.0	178.3	347.5	352.0	379.0	412.5	424.0	438.0	447.5	465.0	473.0	476.5	478.5	480.0
CALCAREOUS NANNOPLANKTON Indeterminate coccoliths Juvenile coccoliths Sphenolithus spp. Coccolithus eupelagicus/pelagicus	•	○	•		○	○		•	•	•	•	•	•	•
Micrantholithus attenuatus Sphenolithus heteromorphous Discoaster deflandre Cyclcarcolithus floridanus Discoaster sp. 1		•	•	•	•	•	○	○	○	•	•	•	○	•
Cyclococcolithus macintyre Sphenolithus moriformis Pontosphaera spp. Discoaster spp. Sphenolithus abies			•	•	•	•	○	○	○	○	•	•	•	•
Braarudosphaera bigelowi Rhabdosphaera sp. Helicosphaera cf. cartieri Cyclococcolithus spp. Discoaster druggii					•	•	•	•	•	•	•	○	•	•
Discoaster aulakos Discoaster adamanteus Ascidian spicules Zygrhablithus bijugatus Dictyococcites bisectus								•	○	•	•	•	○	•
Chiasmolithus oamaruensis <b>PLANKTONIC FORAMINIFERA</b> Globigerinoides trilobus Globigerina woodi woodi Globorotalia mayeri	•	•	•	•	○	•	•							○
Orbulina universa Globigerinoides sicanus Globigerina praebulloides Indeterminate planktonics Globobulimina dehiscens		•	•	•	•	•	•	•	○	○	•	•	•	•
Globorotalia obesa Globigerina spp. Globigerina woodi connecta Globigerina ciperoensis Globigerina foliata							•	○	•	•	•	○	•	•
Globorotalia continuosa Globorotalia nana Juvenile planktonics <b>BENTHONIC FORAMINIFERA</b> Discorbis aff. zealandica	•							○	○	•	•	•	•	•
Elphidium spp. Elphidium crassatum Uvigerina miozea Trifarina bradyi Anomalinoides spp.	○	•	•	•	•	•	•	•	•	•	•	•	•	•
Cibicides spp. Lenticulina spp. Karreria maoria Textularia spp. Fissurina spp.	○	•	•	•	•	•	•	•	•	•	•	•	•	•
Cibicides mediocris Cibicides vortex Brizalina spp. Reusella spp. Dentalina spp.	○	•	•	•	•	•	•	•	•	•	•	•	•	•
Lagena sp. 1 Gyroldina spp. Lagena hexagona Heronallenia parri Heronallenia lingulata	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>Bulimina pupula</b> Cassidulina laevigata Ammodiscus spp. Brizalina aff. anastomosa Discorbis sp. 1	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Lagena sp. 2 Sphaeroidina bulloides Cassidulina subglobosa Lagena sp. 3 Siphonina australis	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Uvigerina cf. canariensis Guttulina problema Parrellina sp. 1 Cancris auriculus Lingulina metungensis	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pullenia quinqueloba Quinqueloculina spp. Pullenia bulloides Nodosaria spp. (costate) Robertina sp. 1	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Gaudryina spp. Plectotrondicularia aff. turgida Robertina sp. 2 Pseudonodosaria spp. Dorothia spp.	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Nodosaria spp. (non-costate) Bathysiphon spp. Ehrenbergina marwicki Stilostomella spp. Haplophragmoides spp.	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Almaena gippslandica Marginulina sp. 1 Parrellina crespinae Cassidulinoides aequalatera <b>OTHER SKELETAL MATERIAL</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ostracods Bryozoan fragments Bivalve fragments Echinoid spines/fragments Sponge spicules and fragments Microgastropods	•	•	•	•	•	•	•	•	•	•	•	•	•	•

KEY

- RARE
- FEW
- COMMON
- c CONTAMINATION

ECL AUSTRALIA PTY LTD

GIPPSLAND BASIN

MICROPALAEONTOLOGICAL  
DISTRIBUTION CHART,  
COMLEY-1  
161.0m to 480.0m

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