SIDEWALL CORES Depth in metres	EARLY MIOCENE PLANKTONICS	SHALLOW WATER BENTHONIC FORAMINIFERA	RESIDUE LITHOLOGY: MAJOR COMPONENTS	RESIDUE LITHOLOGY: MINOR COMPONENTS	¶PALEO-ENVIRONMENTAL ASSESSMENT.	PLANKTONIC FORAMINIFERAL BIOSTRATIGRAPHY
	G'ina woodi connecta *G'ina woodi woodi* *G'ina bulloides* *G'ina & G'alia indet (<.2mm)* *G'quad dehiscens (S.L.)* *G'alia continuosa* *Cat. dissimilis*	*Cibicides refulgens* *Cibicides lobatulus* *Notorotalia crassimurra* *Anomalina macroglabra* *Cassidulina subglobosa* NODOSARIDS *Ammosphaeroidina sp.* *Pseudoclavulina rudis* *Sphaeroidina bulloides* *Gyroidina zealandica* *Cibicides perforatus* *Cibicides brevoralis* *Notorotalia howchini & miocenica* *Guttulina spp.* *Bolivina zedirecta* *Nonionella sp.*	÷.÷= calc. silty f qtz sdst. G = pellet & botryoidal glauc ÷¶= calc glauc claystone ÷÷= calc claystone o = polymodal qtz .-.= f silty sdst ∇Δ = frosted & fractured qtz ...= f. qtz. ≈ = micaceous silty f sdst. [=] = silicified claystone P = pyrite	limonitic clay pyrite glauconitic pellets f-c ang qtz pyritized tubes faecal pellets ostracods echinoid spines bryozoal fragments foram count planktonic %	DELTA FRONT & BARRIER DUNE SYSTEM ESTUARINE-LAGOONAL (<10m) SHALLOW SHELF (<40m) MAJOR E-LOG CHARACTER CHANGE	ZONE / Depth at Base / AGE
908.0→ 985.5→ 991.0→ 995.5→ 1001.0→ 1003.5→			÷.÷.÷. GGGGGGGGG ÷¶÷¶÷¶÷¶÷¶÷¶÷ GGG ¶÷¶÷¶÷¶÷¶÷¶÷¶÷¶÷¶ ÷÷÷÷÷÷÷÷÷÷÷÷÷÷÷÷ ÷¶÷¶÷¶÷¶÷¶÷¶÷¶÷¶÷ ¶÷¶÷¶÷¶÷¶÷¶÷¶÷¶÷¶	A Ar r A C r D r Cr r A A Dr C A C D	500 5 200 20 200 10 500 10 200 nil 40 nil	H-1 ?H-1 995.5 1003.5 1012	EARLY MIOCENE
1013.0→ 1017.0→ 1020.0→ 1024.0→ 1026.5→			oo .-.-. GGGGGGGG ..... ∇Δ∇Δ G ..... ≈≈≈≈≈ oo ..... GGGGG oooooooo GGGGGGGG	A A A C C	- - - - - - - - - -	1028
1030.0→ 1031.0→ 1032.0→ 1042.5→ 1182.0→ 1192.0→ 1207.0→ 1210.0→ 1212.5→ 1215.5→	NO FORAMINIFERA FOUND		∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ ..... ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ∇Δ oooooooooo ≡≡≡ PP	A A A A A C A	- - - - - - - - - - - - - - - - - - - -	1218	NO FORAMINIFERA FOUND
1257.5→ 1270.0→			≈≈≈≈≈≈≈≈≈≈≈≈≈≈≈≈ ≈≈≈≈≈≈≈≈≈≈≈≈≈≈≈≈		- - - -	?

KEY:

° = <20 specimens
x = >20 specimens

D = <10% grains
A = <5% grains
C = <1% grains
r = rare

¶Paleodepth estimate in parentheses

TABLE 1: PLANKTONIC FORAMINIFERAL BIOSTRATIGRAPHY and SEDIMENT GRAIN ANALYSIS - KYARRA # 1.

DEPT. NAT. RES & ENV
PE906062

David Taylor, 11/3/1983.