

PALYNOLOGICAL DETERMINATIONS FOR
KON KON-1 WELL, BASS BASIN, AUSTRALIA

by

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SUMMARY

<u>Sample</u>	<u>Depth</u>	<u>Zone</u>	<u>Age</u>
SWC 39	3450' ✓	Middle <i>N. asperus</i>	Middle Eocene
SWC 38	3500' ✓	Middle <i>N. asperus</i>	Middle Eocene
SWC 35	3595' ✓	Middle <i>N. asperus</i>	Middle Eocene
SWC 27	3900' ✓	Lower <i>N. asperus</i>	Middle Eocene
SWC 26	3950'	<i>Proteacidites asperopolus</i>	Early Eocene
SWC 21	4210'	Upper <i>M. diversus</i>	Early Eocene
SWC 19	4310'	Upper <i>M. diversus</i>	Early Eocene
Core 1	4437' ✓	Middle <i>M. diversus</i>	Early Eocene
SWC 17	4445'	Middle <i>M. diversus</i>	Early Eocene
SWC 16	4460' ✓	Lower <i>M. diversus</i>	Early Eocene
SWC 15	4480' ✓	Lower <i>M. diversus</i>	Early Eocene
SWC 14	4500' ✓	Upper <i>L. balmei</i>	Paleocene
SWC 13	4550' ✓	Upper <i>L. balmei</i>	Paleocene
SWC 12	4602'	Upper <i>L. balmei</i>	Paleocene
SWC 11	4650' ✓	Lower <i>L. balmei</i>	Paleocene
SWC 10	4700' ✓	Lower <i>L. balmei</i>	Paleocene
SWC 9	4750'	Lower <i>L. balmei</i>	Paleocene
SWC 8	4800'	Lower <i>L. balmei</i>	Paleocene
SWC 7	4852'	Lower <i>L. balmei</i>	Paleocene
SWC 6	4890'	Indeterminate (no diagnostic species)	
SWC 5	4904'	<i>Tricolpites longus</i>	Paleocene
SWC 4	4911'	Indeterminate (barren)	
SWC 3	4920'	Indeterminate (barren)	
SWC 2	4958'	Indeterminate (barren)	
SWC 1	5010'	Indeterminate (barren)	

✓ - denotes occurrences of microplankton as well as spore-pollen.

DISCUSSION

Samples from 3450 to 3595 feet are assigned confidently to the Middle *Nothofagidites asperus* zone because of the occurrence of *Aglaoreidia qualumis*, *Triorites magnificus*, *Proteacidites reticulatus*, *P. rectomarginis* and *Tricolporites leuros* in this interval. Assemblages from the Middle *N. asperus* zone typically contain an abundance of angiosperm pollen dominated by specimens of *Nothofagidites* spp. and sparse microplankton and such is the