


PE990441

APPENDIX II

PALYNOLOGY OF
GROPER -2

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November 21, 1969.

INTRODUCTIONPALYNOLOGY GROPER-2
P.R. EVANS

Ditch samples, sidewall cores and samples of main core 4, covering the interval 2500-2860' were submitted for routine palynological examination on September 24, 1969. A selection of these samples was processed, the remainder rejected because the rock type they represented was not suitable for study. All the sidewall cores and main cores considered are listed below, whether or not they were processed:

SUMMARY

Sample	Depth (ft.)	Age	Comment
Sidewall Core	2520	Indeterminate.	Sst. Not processed.
"	2530	"	" "
"	2548	"	" "
"	2582	M-U Eocene	
"	2596	Indeterminate	Sst. Not Processed.
"	2626	"	No yield.
"	2650	"	" "
"	2670	"	Sst. Not processed.
"	2690	"	No yield.
"	2702	"	Coarse Sst. Not proc.
"	2730	"	No yield.
"	2786	"	Red shale. Not proc.
"	2813	"	" " "
Core 4	2834/60	"	" " "

COMMENT

The microflora from 2588' was relatively abundant and included the following species -

<u>Nothofagidites emarcidus-heterus</u>	Very common.
<u>N. asperus</u>	
<u>N. flemingii</u>	Fairly common.
<u>N. goniatus</u>	
<u>Simplicepollis meridianus</u>	
<u>Dacrydimites mawsonii</u>	
<u>Dacrycarpites australiensis</u>	
<u>Araucariacites australis</u>	
<u>Cycadopites sp.</u>	
<u>Microcachyridites antarcticus</u>	
<u>Laevigatosporites major</u>	
<u>Polyodiidites sp.</u>	
<u>Cupaneidites reticularis</u>	
<u>Malvacipollis diversus</u>	
<u>Periporopollenites polyoratus</u>	
<u>Proteacidites symphyenemoides</u>	
<u>Proteacidites spp. nov.</u>	Fairly common.
<u>?Gothanipollis sp.</u>	
<u>Tricolporites spp. nov.</u>	
<u>Triorites harrisii</u>	

This assemblage resembles others known from northern parts of the Gippsland Basin which are of Middle or Upper Eocene age.