



Rosedale - 1
76/87

APPENDIX 2

PALYNOLOGICAL EXAMINATION OF ROSEDALE BORE SAMPLES

The following bore core samples from A.P.M. Rosedale No.1 bore have been treated by the Hydro-fluoric acid - Schulze's Solution method and isolated microfloras examined under the microscope.

Depth	Slide Nos.	Sample No.	Microfloras
1991' - 3'	991-1001	1	Nothofagus } and other Proteacidites } Lower Triarites } Tertiary pollens
2195' - 7'	1002-9	2	
2197' - 9'	1013-6	3	
5243' -65'	1017-8	4	Barren, but core contains Mesozoic macrofossils Taeniopteris spatulata † Oldham & Morris † Elatocladus conferta † Oldham & Morris †

The work was undertaken in conjunction with Western District Deep bore Palynological examination, and hence sampling was not as extensive as desirable.

Samples 1, 2 and 3 contain the typical Lower Tertiary Nothofagus microflora and probably originate from sediments of Oligocene age.

Sample 4 is rather barren, but macrofossils (leaf impression) are of the widespread Victorian Upper Mesozoic sequence.

Further sampling is proceeding.

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