

PE990708

PALYNOLOGICAL EXAMINATION OF ESSO FLATHEAD NO. 1 BORE CORE.

by J. DOUGLAS

DOUG/29

STARTS



Geological Survey of Victoria

Palynological Examination of Esso Flathead No. 1 bore core.

Depth 1756-1759 ft.

1759-1782 ft.

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PALYNOLOGICAL EXAMINATION OF BORE SAMPLE.

Samples from the .Esso.Flathead... Bore No. 1.....
were treated by the hydrofluoric acid - Schulze's
solution method, and the residues examined under the
microscope for acid insoluble microfossils.

Sample Details.

| <u>Bore No.</u> | <u>Rock Type</u> | <u>Depth</u> | <u>Microfossils.</u> |
|-----------------|------------------|--------------|---|
| 1 | | 1576-1579ft. | Many sporomorphs including <u>Schizosporis</u> <u>reticulatus</u> <u>Pilosporites</u> <u>parvispinosus</u> <u>Crybelosporites</u> <u>striatus</u> <u>Lycopodiumsporites</u> <u>austroclavatidites</u> <u>Catadricosisporites</u> <u>australlensis</u> <u>Cyathidites Sp.</u> |
| | | 1579-1582ft. | Cuticular debris and sporomorphs as found at 1576-1579ft. |

Remarks

This microflora is characteristic of the Speciosis
Assemblage Zone of Dettmann (1963) found in Strzelecki Group
sediments in the Gippsland Basin


SENIOR

D. DOUGLAS.
GEOLOGIST.