

PALYNOLOGY

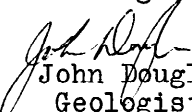
Examination of plant remains from Core No.14
Esso Gippsland Offshore No.1 Bore

Core from this bore was macerated, in hydrofluoric acid and Schulze's solution, and leaf and microfossil remains isolated.

The former include upper and lower leaf surfaces cuticles from angiosperm leaves, and the latter Proteacidites sp. and Nothofagus deminuta Cookson.

Angiosperm pollen grains have not been recorded from Otway or Strzelecki Group sediments, but both types found here have been recorded from the uppermost Upper Cretaceous sediments (Evans 1962) of the Otway Group, and also Lower Tertiary sediments in Gippsland.

The age of the sediments therefore is in the range Lower Miocene - Upper Cretaceous.


John Douglas
Geologist.

Reference

Evans, P.R. 1962

Palynological observations on F.B.H. Flaxman's Hill No.1 well.
Bureau Min. Resour. Aust. Rec. 1962/57 (Unpub.)

Approx. 12.4.65