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BIOSTRATIGRAPHY OF PERMIAN
SAMPLES FROM SADME LOCK NO. 1

By

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Biostrat. 7/80
D.M.E. No. 675/78

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BIOSTRATIGRAPHY OF PERMIAN SAMPLES FROM
LOCK NO. 1 POLDA BASIN

Five samples were submitted from SADME Lock No. 1 by G. Kwitko Fossil Fuels Section. All were processed by standard palynological techniques and examined for palynomorphs. Three of samples were boiled, washed and the residue searched for foraminifera and other microfossils.

Location of Hole

Province: Polda Basin
Map: Kimba 1:250 000
Hundred: Palkagee
Co-ordinates: 577995.0 mE
628805.0 mN

Palynological Examination

1. Depth: 357.61m - 357.73 m (S4983)

Significant Miospores:

Latosporites colliensis

Cycadopites cymbatus

Apiculatisporis levis

Microbaculispora tentula

Age:

Stage 2 of Evans (1969); Price (1976).

2. Depth: 329.04m - 329.08 m (S4982)

Significant Miospores:

Latosporites colliensis

Microbaculispora tentula

Age:

Stage 2 of Evans (1969), Price (1976)

3. Depth: 240.70m - 240.75 m (S4990)

Sample barren of palynomorphs

4. Depth: 227.30m - 227.35 m (S4989)

Significant Miospores:

Cycadopites cymbatus

Microbaculispora virkkiae

Parasaccites gondwanensis

Punctatisporites gretensis

Age:

Late Stage 2 - ?stage 3 of Evans (1969), Price (1976)

5. Depth: 206.90 - 206.96

Significant Miospores:

Cycadopites cymbatus

Microbaculispora virkkiae

M. tentula

Parasaccites gondwanensis

Punctatisporites gracilis

Age:

Late Stage 2 - ?Stage 3 of Evans (1969), Price (1976)

Palaeontological Examination

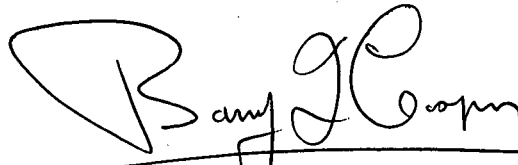
No foraminifera or other microfossils were seen in washed samples from: -

240.70m - 240.75m (F8/80)

227.30m. - 227.35m (F7/80)

206.90m - 206.96m (F6/80)

BJC:AF

A handwritten signature in dark ink, reading "Barry J. Cooper". The signature is written in a cursive style with a large, looped initial "B".

Dr. Barry J. Cooper

REFERENCES

- Evans, P.R., 1969. Upper Carboniferous and Permian palynological stages and their distribution in eastern Australia.
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