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MICROPALAEONTOLOGICAL EXAMINATION OF SAMPLES FROM BORE NO. 3259
ON W. GILBY'S PROPERTY WONGA, WHITE CLIFFS, N.S.W.

by

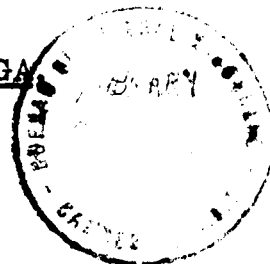
I. Crespin

MICROPALAEONTOLOGICAL EXAMINATION OF SAMPLES

FROM BORE NO. 3259 ON W. GILBY'S PROPERTY WONGA

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1450 feet. Grey, carbonaceous shale with numerous poorly preserved foraminifera, a few shell fragments indeterminate and ostracoda.

FORAMINIFERA: Hyperammina sp., Haplophragmoides cf. chapmani, H. sp., Ammobaculites sp., Arenobulimina sp., Spiroplectammina sp., Trochammina parvula, Marginulina cf. jarvisi, M. sp., Planulina cretacea.

OSTRACODA: Cytheropteron cf. concentricum

1500 - 1550 feet. Similar to 1450 feet but with numerous glauconite grains.

FORAMINIFERA: cf. Crithionina, Haplophragmoides cf. chapmani, Ammobaculites australe, A. sp., Spiroplectammina cushmani, Arenobulimina cf. puschi, Textularia sp., cf. Frankeina, Patellina jonesi, Marginulina cf. jarvisi, M. bullata, M. sp., Lenticulina cf. narrejoensis, Eponides sp.

1600 feet. Grey carbonaceous shale and sandstone with foraminifera (Haplophragmoides cf. chapmani, Spiroplectammina cushmani, common).

1650 feet. Fine grained sandstone. No organisms.

1700- 1800 feet. Sandstone, finer grained than 1650 feet.

Notes on the Samples.

The samples submitted for micro-examination came from between the depths of 1450 and 1800 feet. It is stated that samples above 1450 feet were destroyed by fire.

The samples from 1450 down to 1550 feet consisted of carbonaceous shales containing numerous poorly preserved foraminifera. The sample at 1600 feet which consisted of carbonaceous sandstone and shale, also contained foraminifera.

The assemblage of foraminifera identified is similar to that recorded from many of the bores examined from the Great Artesian Basin and is considered to be of Lower Cretaceous age.

No palaeontological evidence is available to give an age to the sands from 1650 down to 1800 feet.

I. Crespin

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CANBERRA.
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