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Micro-examination of samples from
Bore No. 3853 on E.W. Langbien's
Bullaroon Station, Bourke,
Northern N.S.W.

by

I. Crespin

DEPARTMENT OF SUPPLY & SHIPPING

MINERAL RESOURCES SURVEY

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MICRO-EXAMINATION OF SAMPLES FROM BORE NO. 3853 ON E. W.

LANGBIEN'S BULLAROON STATION, BOURKE, NORTHERN

NEW SOUTH WALES.

(Report No. 1945/22).

28-95 feet - Cream to ochreous shale. No fossils.

100 feet - Grey, carbonaceous shale with a few poorly preserved foraminifera (Trochammina sp., Globigerina sp., Buliminella sp.) and radiolaria (Porodiscus sp. and Cenosphaera sp.).

150-250 feet - Grey, carbonaceous shale, with a few poorly preserved foraminifera (cf. Ammobaculites, cf. Trochammina sp.) and radiolaria (Porodiscus sp., Cenosphaera sp.).

300 feet - Grey, sandy shale, with poorly preserved foraminifera (Ammobaculites sp. and fragments of arenaceous tests indeterminate).

350-386 feet - Grey, carbonaceous shale with a few foraminifera (Ammobaculites sp., arenaceous tests indeterminate, cf. Planulina).

- Notes on the Samples -

Bore No. 3853 on E.W. Langbien's Bullaroon Station, Bourke is situated 2 miles west-northwest from Bore No. 3825 on the same property and reported upon 7/12/'43 and 2/11/'44.

The samples from 100 feet down to 386 feet contain a micro fauna of Lower Cretaceous age, the assemblage consisting of poorly preserved foraminifera and radiolaria.

The micro fossils which were present in Bore No. 3825, between the depths of 250 feet and 1,000 feet, were also few and poorly preserved.

CANBERRA.
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