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COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS

RECORDS

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MICROPALAEONTOLOGICAL EXAMINATION
OF TWO SAMPLES FROM THE KIMBERLEY
DISTRICT. WESTERN AUSTRALIA

By

I. CRESPIN

MICROPALAEONTOLOGICAL EXAMINATION
OF TWO SAMPLES FROM THE KIMBERLEY
DISTRICT. WESTERN AUSTRALIA.

Report No. 1948/62
(Pal. Ser. No. 24)

4 1/2 miles S. of Babrongan Tower.

Sample No. 727a. Pinkish to ochreous sandstone, composed of angular to rounded quartz grains. No microfossils.

Hamilton's Well 47 miles S.E. of Broome.

Sample No. 734. Purplish to limonitic sandstone composed chiefly of angular quartz grains. No microfossils.

Note on the Samples

No palaeontological evidence is available in these two samples to suggest any age for the rocks.

With regard to Sample 1, Collection A (Report No. 1948/56, 16/9/48) from Bopperoo water hole, 40 miles south-east of Pallatine Mission, which was sent to Dr. Teichert for determination, Dr. Teichert has made the following remarks:

F. 15.778
"The sample contains two species of fossils which I have never seen before. The large tubular form is somewhat rather reminiscent of Serpulites but does not have the typical strongly compressed cross section of this form. There is also a much smaller fossil which I found very puzzling and which might be the remains of some sort of calcareous algae. None of these forms, unfortunately, give any indication of the age. As far as these fossils are concerned, the age might be anything from Ordovician to Permian or younger."

I. Crespin

1st October, 1948.
CANBERRA, A.C.T.

(I. Crespin)
Commonwealth Palaeontologist.