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MICROPALAEONTOLOGICAL EXAMINATION OF SAMPLES FROM BORES AT BOND SPRINGS,
WEST OF ALICE SPRINGS, NORTHERN TERRITORY

by

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Micropalaeontological Examination of Samples from Bores
at Bond Springs, West of Alice Springs, Northern
Territory.

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Sample 1. "Bond Springs Bore, 20 feet"

Red sandstone with fine angular quartz grains. No micro-fossils.

Sample 2. "Bond Springs Bore, 30-40 feet"

Similar to Sample 1.

Sample 3. "Bond Springs Bore, 80 feet"

Cream to pinkish sandy clay. No microfossils.

Sample 4. "Water worn boulder, 100 feet. Ferruginous Conglomerate"

Hard ferruginous sandy clay.

Sample 5. "From just above first water at 115 feet"

Ochreous sandy clay with fragments of brown ironstone and angular quartz grains. No microfossils.

Sample 6. "Bore, 130 feet"

Ochreous sandstone. No microfossils.

Sample 7. "Bond Springs Bore about 160 feet"

Ochreous sandstone. No microfossils.

Sample 8. "Bond Springs Bore about 160-180 feet"

Greyish fragmental material consisting of particles of rock containing quartz and mica.

Sample 9. "Bond Springs Bore about 190-200 feet"

Whitish to limenitic sandy clay. No microfossils.

Sample 10. "Bond Springs Bore below 200 feet"

Fragments of basement rock consisting of quartz and mica and some decomposed material.

Sample 11. "Bond Springs Bore below 200 feet"

Chiefly greenish decomposed material with fragments of basement rock containing quartz and mica.

Sample 12. "Bond Springs, 230 feet at bottom. Water 320 galls. per hour"

Basement rock.

Notes on the Samples.

This series of samples from bores at Bond Springs is unfossiliferous. None of the specimens are comparable with those submitted by Mr. Mawby from Bond Springs Station on 24/8/48 and reported upon 8/9/48. The earlier samples contained a characteristic Lower Cretaceous Microfauna.

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CANBERRA, A.C.T.
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