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COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS

RECORDS:

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BMR PUBLICATIONS COMPACTUS
(NON-LENDING-SECTION)

MICROPALAEONTOLOGICAL EXAMINATION OF CORES FROM BMR.

I.S.C., ST. HELIERS. N.S.W.

by

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MICROPALAEONTOLOGICAL EXAMINATION OF CORE SAMPLES

FROM HOLE NO. BMR 1 S.C., ST. HELIER'S NEAR

MUSWELLBROOK, N.S.W.

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PAMPHLET NON

Core samples from the above bore were received for examination from the depth of 64'10" down to 275'5". The beds through which the bore passed were very hard but foraminifera and ostracoda were obtained by crushing and bryozoa were present on the fractured surfaces of one core sample. A detailed list of the microfauna found in the beds is given below.

64'10"-68'10" -

Foraminifera - Frondicularia woodwardi
Hyperamminoides acicula
Thuramminoides sp. aff. T. sphaeroidalis
Trochammina sp. aff. T. arenosa

Crinoidea - Crinoid ossicles

Ostracoda - Basslerella australe

93'8" -

Foraminifera - Frondicularia woodwardi
Frondicularia sp. aff. F. fissicostata
Hyperamminoides acicula

Ostracoda - Microkellinella aequivalvis
Form indeterminate

106'6" -

Foraminifera - Frondicularia woodwardi (common)
Trochammina sp.

Ostracoda - Indeterminate

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108'6" -

Foraminifera - Dentalina cf. grayi
Frondicularia parri
Frondicularia woodwardi

Ostracoda - Basslerella australae

115'0" -

Foraminifera - Frondicularia sp. aff. F. excavata
Frondicularia woodwardi
Hyperamminoides acicula
Nodosaria sp.

Ostracoda - Microkellinella aequivalvis
Forms indeterminate

134'9" -

Foraminifera - Frondicularia woodwardi

Crinoidea - Crinoid stems

135'6" -

Foraminifera - Ammodiscus cf. nitidus
Frondicularia sp. aff. F. excavata
cf. Trochamminoides anceps

138' -

Foraminifera - Ammodiscus cf. nitidus
Dentalina grayi



