

1948/22

COP1

COMMONWEALTH OF AUSTRALIA.

DEPARTMENT OF SUPPLY AND SHIPPING.
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS.

REPORT No. 1948/22

MICROPALAEONTOLOGICAL EXAMINATION OF SAMPLES FROM
NO. 5 BORE, KLEIN POINT, SOUTH AUSTRALIA.

by

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- 30 feet. Ochreous bryozoal limestone with a few small foraminifera, and bryozoa all partially recrystallized.
- Foraminifera: Cibicides lobatulus, C. cf. ungerianus, C. sp.2, C. sp.3, Anomalina glabrata, A. nonionoides, Discorbis patelliformis Sherbornina atkinsoni, Elphidium spp.
- 40 feet. Cream to whitish bryozoal limestone with numerous foraminifera including Sherbornina and Victoriella, bryozoa fairly well preserved, ostracoda and numerous fine angular quartz grains.
- Foraminifera: Textularia sp., Reussella sp., Fronicularia spp., Guttulina irregularis, G. (Sig-moidina) silvestrii, Cypsinella globulus, Victoriella plecte, Planorbulina mediterraneensis, Anomalina glabrata, A. nonionoides, Cibicides refulgens, C. sp.2, Discorbis balcombensis, Eponides repandus, E. concentricus, E. scabriculus, Sherbornina atkinsoni, Elphidium crassatum.
- Ostracoda: Bairdia amygdaloides, Cythere lactea, C. sp., Cytherella lata, Cytheropteron cf. fenestratum.
- 50 feet. Dark cream bryozoal limestones with foraminifera and bryozoa less well preserved. Victoriella is absent but Sherbornina present.
- 60 feet. Similar to 50 feet, with foraminifera and bryozoa very poorly preserved.
- 70 feet. Similar to 60 feet.
- 80 feet. Shelly bryozoal limestone with poorly preserved foraminifera and bryozoa and fragments of Chlamys cf. aldingensis.
- Foraminifera: Cibicides sp.2, Eponides repandus, Sherbornina atkinsoni.
- 90 feet. Ochreous bryozoal limestone with foraminifera poorly preserved.
- Foraminifera: Cibicides sp.2, C. sp.3, Corefulgens, Discorbis balcombensis, Sherbornina atkinsoni.
- 100 feet. Pink crystalline limestone with foraminifera and bryozoa almost entirely altered.

Notes on the Samples.

The samples from the depths of 30 feet down to 100 feet in No. 5 Bore, Klein Point, consist entirely of bryozoal limestones of Middle Miocene age. They are similar to the limestones from another bore at Klein Point reported upon 20.2.48.

The zonal foraminifera are Victoriella plecte and Sherbornina atkinsoni which are common in parts of the type section for the Janjukian Stage in the vicinity of Torquay, Victoria. These bryozoal limestone from Klein Point are correlated with those in the Aldinga section south of Adelaide. S. atkinsoni is a characteristic species in the Aldinga limestones but V. plecte has not been recorded previously from the horizon. It is suggested that the beds in No. 5 Bore Klein Point may represent an horizon lower than exposed in the cliff section at Aldinga.

(I. Crosin)