

67/999

6628 III

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DEPARTMENT OF MINES
SOUTH AUSTRALIA

Sample No. F2-5/67
References DM.1347/66

PALAEONTOLOGICAL EXAMINATION OF MATERIAL

Locality: County Adelaide Distance and direction from nearest
Hundred Yatala town or station - Kintore Ave.,
Section Govt. Reserve Adelaide.

Details: Collected from bore, New Dept. of Chemistry, foundation
test bore No. 2, open-tube samples.

Depth - 50-54 feet

Information required - Palaeontological examination.

Submitted by - G.F. Roberts
Address - Department of Mines
Date - 19th January, 1967

PALAEONTOLOGIST'S REPORT

Bore No.

F2/67, 50'

This sample was collected from 6" below the base of Hallett Cove Sandstone. It is pale greenish-grey with brown ferruginous mottling spotting, and streak-like markings, and ranges from silty clay to clayey silt, stiff, non-calcareous, finely micaceous. Occasional small sponge spicule fragments and ovoid faecal pellets are present, but the sample is otherwise unfossiliferous.

F3/67, 54'

Similar to above but with more prominent brown ferruginous patches, one containing bryozoa; common faecal pellets sometimes in clusters; some very fine-grained quartz sand content.

F4/67, 50' 3"

As for F3/67, but with a ferruginous impression of Turritella sp.

F5/67, 52'

As above with portion of an impression of a postonid.

Sample No. F2-5/67
References DM. 1342/66

Remarks

By comparison with similar but more fossiliferous beds penetrated in bores at Victoria Square, Central Market, and Waymouth Street, the samples are considered to represent lower Port Willunga Beds, of Oligocene to Upper Eocene age.

J. M. Lindsay

J.M. LINDSAY
PALAEONTOLOGIST

JML:GAE

Date 19th January, 1967.