

DEPARTMENT OF MINES AND ENERGY
SOUTH AUSTRALIA

REPT. BK. NO. 90/5

FORAMINIFERAL AGE OF A SAMPLE FROM
SELICKS BEACH WAVE-CUT PLATFORM
MARGIN.

GEOLOGICAL SURVEY

by

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BIOSTRATIGRAPHY

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TITLE: Foraminiferal age of a sample from Sellicks Beach wave-cut platform margin.

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LOCALITY: South end Sellicks Beach; low-tide margin of wave-cut platform.

SAMPLE DATA:

Depth: sea-level

Type of sample: Surface

Lithology: Richly fossiliferous, cream to pale green, skeletal, fine sand to coarse sand size limestone.

Submitter: Karen Lablack

LOCATION:

Mapsheet: Barker

Latitude: 35°22'

Longitude: 138°25'

STRATIGRAPHIC INFORMATION:

Stratigraphic unit: Pt. Willunga Formation

Geological Province: St. Vincent Basin

Rock sample (RS) no.: 6527 RS 324

RESULTS:

Range Species: *Parrellina craticulatifomis*, *Amphistegina lessoni*, *Pararotalia verriculata*.

Associates Present: *Operculina victoriensis*

Age: Early Miocene (Upper Longfordian to Batesfordian).

Palaeoenvironment: Shallow-marine

Other Comments: Youngest surface exposure of Pt Willunga Formation.

REFERENCES:

Lindsay, J.M., 1969. Cainozoic foraminifera and stratigraphy of the Adelaide Plains Sub-basin, South Australia. South Australia. Geological Survey. Bulletin, 42.

Lindsay, J.M., 1985. Aspects of South Australian Tertiary foraminiferal biostratigraphy, with emphasis on studies of *Massilina* and *Subbotina*. In: Lindsay, J.M. (Ed.), Stratigraphy, palaeontology, malacology: Papers in honour of Dr Nell Ludbrook. South Australia. Department of Mines and Energy. Special Publication, 5:187-231.

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