

# NOLAND BAY

Geological Survey of Tasmania  
Department of Mines — Hobart

GEOLOGICAL ATLAS 1 MILE SERIES  
8316S 11 & 111 ZONE 7 SHEET NO. 23

FIRST EDITION 1967 1:63,360

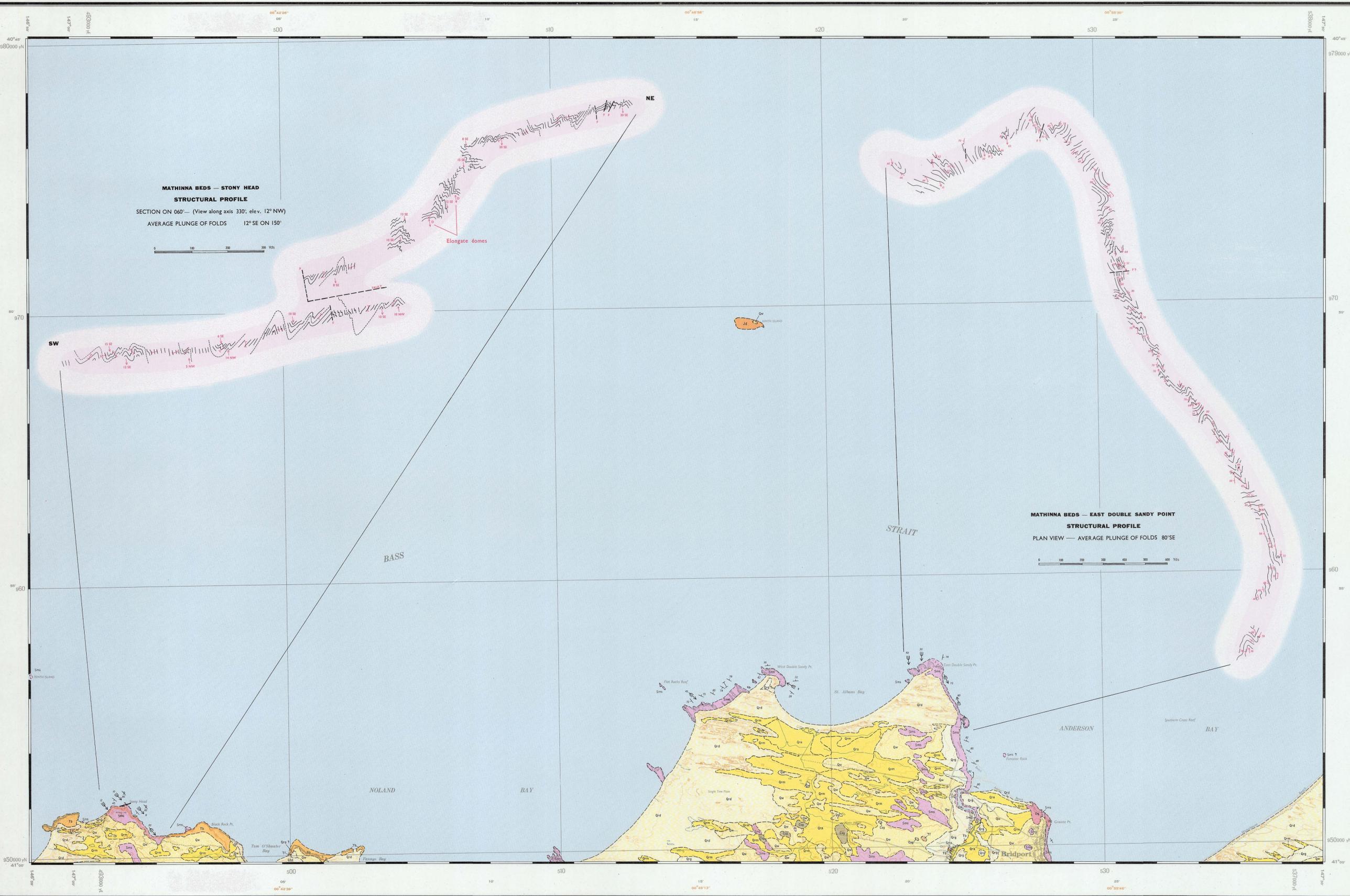
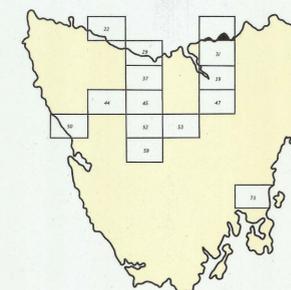


REFERENCE

- |                        |                      |  |               |
|------------------------|----------------------|--|---------------|
| Cenozoic<br>QUATERNARY |                      | Marsh and swamp deposits                     |               |
|                        |                      | Alluvial deposits, including younger gravels |               |
|                        |                      | Dune sand                                    |               |
|                        |                      | Windblown and locally derived sand           |               |
|                        |                      | Basalt talus                                 |               |
|                        |                      | Older gravels                                |               |
| Tertiary<br>DEVONIAN   |                      | Gravel, mainly vein quartz                   |               |
|                        |                      | Siliceous conglomerate                       |               |
| Palaeozoic<br>DEVONIAN |                      | Predominantly siltstone and sandstone        | MATHINNA BEDS |
|                        | <b>Igneous Rocks</b> |  |               |
|                        |                      | TERTIARY                                     | Basalt        |
|                        |                      | JURASSIC                                     | Dolerite      |
|                        | DEVONIAN             | Granodiorite                                 |               |

- Geological boundary — position approximate
- Strike and dip of beds
- Vertical bedding
- Plunge of folds
- Anticline — plunge indicated
- Syncline — plunge indicated
- Fault
- Strike and dip of cleavage
- Vertical cleavage

Geology by D. I. Jennings, B.Sc. (Hons.).  
Base map adapted from 40 chain to 1 inch sheets produced by the Lands and Surveys Department, Hobart.  
Geological map production by Drawing Office, Department of Mines, Hobart.  
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Issued under the authority of the Honourable Eric E. Reece, Minister for Mines.  
Published 1967.



**MATHINNA BEDS — STONY HEAD  
STRUCTURAL PROFILE**  
SECTION ON 060° — (View along axis 330°, elev. 12° NW)  
AVERAGE PLUNGE OF FOLDS 12° SE ON 150°

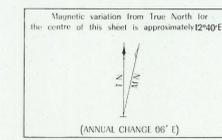
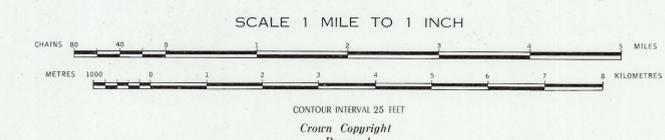
**MATHINNA BEDS — EAST DOUBLE SANDY POINT  
STRUCTURAL PROFILE**  
PLAN VIEW — AVERAGE PLUNGE OF FOLDS 80° SE

CONTROL: 2nd and 3rd Order Triangulation based on Lochmaben Astronomical Station Lat. 41° 39' 23.88" S Long. 117° 17' 28.72" E.  
DETAIL: Aerial Photography 1956  
PROJECTION: Transverse Mercator  
LEVEL DATUM: Mean Sea Level Hobart  
NOMENCLATURE: Approved by the Nomenclature Board of Tasmania  
GRID CONVERGENCE: Based on Longitude 146° 00' E. To obtain True bearing use correction as shown in brown in margin of map.

Trip: Stations 2nd and 3rd Order  
14th Order  
State Permanent Mark  
House  
Windpump Water Tower  
Mine Light House  
Electric Transmission Line

INDEX TO ADJOINING SHEETS

	NOLAND BAY	BOORBAYLA
BEACONSFIELD	PIPERS RIVER	RINGAROCMA



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