

BRIDPORT

Scale 1:25 000



CENOZOIC	
QUATERNARY	Qha - Stream alluvium, swamp and marsh deposits (Qha).
HOLOCENE	Qhd - Dune sand (Qhd).
	Qhb - Beach sand (Qhb).
	Qhw - Windblown and locally derived sand (Qhw).
PLEISTOCENE	Qpsm - Marine terrace deposits of gravel, sand, clay, shells and organic material (Qpsm).
	TQgrs - Rounded and angular gravel, mainly vein quartz (TQgrs).
PALEOCENE-NEOGENE	Tb - Basalt (Tb); olivine tholeiite (Tbt) indicated.
	Tgbs - Grey-billy and silcrete (Tgbs).
	--- Unconformity

PALEOZOIC	
SILURIAN DEVONIAN	SDps - Dominantly fine-grained turbiditic quartz-rich sandstone, with some interbedded siltstone; contains vascular plant fossil fragments (SDps). Metamorphosed by granitic intrusion (SDpsm). (SDps, SDpsm: Sealing Silicification).
LOWER DEVONIAN	SDpl - Dominantly thin-bedded siltstone, with interbedded fine-grained quartz-rich sandstone increasing towards top; contains Silurian (Ludlow) graptolites (SDpl). Metamorphosed by granitic intrusion (SDplm). (SDpl, SDplm: Lone Star Siltstone).

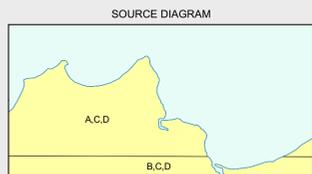
IGNEOUS ROCKS	
Tb	Basalt (Tb); olivine tholeiite (Tbt) indicated.
Dgrs	Medium- to coarse-grained equigranular biotite-hornblende granodiorite (Dgrs) (Didikum Granodiorite, 14pp).

CONTACTS	
—	Geological contact.
- - -	Transitional geological contact.
—	Unconformable lithological contact.
—	Igneous intrusive contact.
—	Limit of detailed mapping.

FAULTS	
—	Fault - concealed, inferred from magnetic data.

LINEARS	
—	Lineament - visible in magnetic data.

—	Strike and dip of bedding, facing unknown; vertical.
—	Strike and dip of cleavage, type and relative age unspecified; vertical; vertical penetrative cleavage.
—	Trend and plunge of minor fold hinge line, unspecified relative age; antiform.
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
✕	Construction material/industrial mineral/gemstone location.



- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg. 1:25 000 map or equivalent detail).
- Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent (all other scales)).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by M.P. McClenaghan, B.Sc.(Hons), Ph.D., 2006 from the following sources (see source diagram):

A JENNINGS, D.J. 1967. Geological Atlas 1:63 360 series, sheet 23 (B316) Hobart Bay, Department of Mines, Tasmania.

B MARSHALL, B., BARTON, C.M., JENNINGS, D.J., NAQVI, I.H. 1965. Geological Atlas 1:63 360 series, sheet 31 (B315N) Pipers River, Department of Mines, Tasmania.

Updated by:

C D.B. Seymour 2008-2009. Stratigraphic re-assignment of Mathinna Supergroup with limited ground-checking and supported by interpretation of airborne geophysical data, as part of the TradeStore Project, Mineral Resources Tasmania.

D SEYMOUR, D.B., WOOLWARD, I.R., McCLENAGHAN, M.P., BOTTRILL, R.S. 2011. Stratigraphic revision and re-mapping of the Mathinna Supergroup between the River Tamar and the Scottsdale Batholith, northeast Tasmania. 1:25 000 Scale Digital Geological Map Series. Explanatory Report 4.

REFERENCE THIS MAP AS:
SEYMOUR, D.B. and McCLENAGHAN, M.P. 2010 (compilers). Digital Geological Atlas 1:25 000 Scale Series, Sheet 5246 Bridport, Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.
Map produced by Spatial Information Services,
Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au
GDA94 - MGA Zone 55. Contour Interval: 20 metres.



While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data.
Crown copyright reserved.

