

BRIDPORT

Scale: 1:25 000



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

PALEOZOIC	SILURIAN-DEVONIAN	
	UPPER DEVONIAN	LOWER DEVONIAN
	SDps	Dominantly fine-grained turbiditic quartz-rich sandstone, with some interbedded siltstone; contains vascular plant fossil fragments (SDps). Metamorphosed by granitic intrusion (SDpm).
	SDpm	Dominantly thin-bedded siltstone, with interbedded fine-grained quartz-rich sandstone (lower part); contains Silurian (Lobelia) graptolites (SDpm). Metamorphosed by granitic intrusion (SDps).

PALEOZOIC	DEVONIAN-NEOGENE	
	DEVONIAN	NEOGENE
	Tb	Basalt (Tb); olivine tholeiite (Tb) indicated.
	Tgr	Medium- to coarse-grained, equigranular, biotite-tremolite granodiorite (Tgr) (Dukeston granodiorite, f-type).

- Geological boundary - position approximate.
- Transitional geological boundary - position approximate.
- Unconformable boundary - position approximate.
- Intrusive boundary - position approximate.
- Fault - concealed, inferred from airborne magnetic data.
- Lineament visible in airborne magnetic data.
- Limit of mapping.

- 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.
- Notable small outcrop with rock unit indicated.
- Field station for adjacent readings on the map.
- Construction material/industrial mineral/gemstone location.

Compiled by M.P. McClenaghan, B.Sc. (Hons), Ph.D., 2006 from the following sources (see responsibility diagram):
 A. JENNINGS, D.J. 1967, Geological Atlas 1:63 300 series, sheet 23 (8115) Inland Bay, Department of Mines, Tasmania.
 B. MARSHALL, L., BARTON, C.M., JENNINGS, D.J., MADYLI, L.H. 1965, Geological Atlas 1:63 300 series, sheet 31 (8135) Pipes River, Department of Mines, Tasmania.
 Updated by:
 C. D.B. Seymour 2008-09: Stratigraphic re-assignment of Mathinna Supergroup with limited ground-checking and supported by interpretation of airborne geophysical data, as part of the TasExplore Project, Mineral Resources Tasmania.

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 the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.
 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.



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