

MESOPROTEROZOIC-NEOPROTEROZOIC		PALEOZOIC		PALEOGENE-NEOGENE		CENOZOIC		
CAMBRIAN	TYNALL GROUP	OWEN GROUP	WILKINSON GROUP	ELDON GROUP	QUATERNARY	QUATERNARY	Qha	Alluvium, swamp and marsh deposits (Qha).
							Qoptoc	Scree and talus derived from siliciclastic rocks (Qoptoc).
DEVONIAN	OWEN GROUP	WILKINSON GROUP	ELDON GROUP	PALEOGENE-NEOGENE	QUATERNARY	QUATERNARY	Tb	Basalt (Tb). Olivine tholeiite (Tbt) and transitional olivine basalt (Ttr) indicated.
							SDb	Fossiliferous sandstone and mudstone (correlate of Bell Shale) (SDb).
CARBONIFEROUS	OWEN GROUP	WILKINSON GROUP	ELDON GROUP	PALEOGENE-NEOGENE	QUATERNARY	QUATERNARY	SDf	Quartz sandstone with minor siltstone (correlate of Florence Quartzite) (SDf).
							OSm	Bioclastic sandstone and minor conglomerate (correlate of Moira Sandstone) (OSm).
PERMIAN	OWEN GROUP	WILKINSON GROUP	ELDON GROUP	PALEOGENE-NEOGENE	QUATERNARY	QUATERNARY	COs	Sandstone and pebbly sandstone (correlate of Upper Owen Sandstone) (COs).
							COc	Dominantly siliciclastic conglomerate (COc).
TRIASSIC	OWEN GROUP	WILKINSON GROUP	ELDON GROUP	PALEOGENE-NEOGENE	QUATERNARY	QUATERNARY	Cdt	Mixed sequence of sedimentary and extrusive, felsic to intermediate volcanic rocks (Cdt).
							Cdsvt	Fine-grained vitric tuff with intercalated mass flow breccia, lithic tuff and shale (Cdsvt).
				Eo				Interbedded quartzose lithic tuff and phyllite (correlate of Burnie and Onah Formations) (Eo).

CONTACTS	
	Geological contact.
	Geological contact - inferred.
	Limit of detailed mapping.

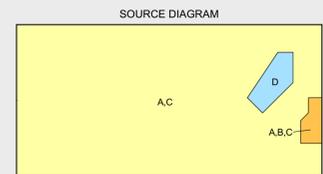
  

FAULTS	
	Fault - inferred.

LINEARS	
	Lineament - visible in magnetic data.

	Strike and dip of bedding - facing known.
	Strike and dip of bedding - facing unknown.
	Strike and dip of cleavage of unspecified type and relative age; relative local age S <sub>2</sub> ; relative local age S <sub>1</sub> .
	Notable small outcrop with rock unit indicated.
	Mineral deposit location - hardrock.
	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 detail).
- 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 J.L. Everard, B.Sc.(Hons), 2001 from the following sources (see source diagram)

A BAILLIE, P.W.; WILLIAMS, P.R.; SEYMOUR, D.B.; LENNOX, P.G. & GREEN, G.R. 1986. Geological Atlas 1:50 000 Series, Sheet 36 (8075N), St. Valentines, Tasmania. Tasmania Department of Mines.

B PEMBERTON, J. & VICARY, M.J. 1988. Mt Read Volcanics Project, Project Map 8 Geology of the Mt Cattery - Mt Tor areas, Laongana, Tasmania. Tasmania Department of Mines.

Updated by:

C CORBETT, K.D. 2004. Updating and revision of the 1:25 000 scale series geological maps covering the Mt Read Volcanics belt in western and northwestern Tasmania. Tasmanian Geological Survey Record 2004/03, with additional information from:

D POLLOCK, R. 2002. Ground truthing aeromagnetic and radiometric features, Northern Tasmania. Tasmanian Geological Survey Record 2002/02.

### REFERENCE THIS MAP AS:

EVERARD, J.L. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3841 Guildford, 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](http://www.mrt.tas.gov.au)  
GDA94 - MGA Zone 55. Contour Interval: 20 metres.



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### LOCATION DIAGRAM

