

PERIOD	UNIT	DESCRIPTION		
CENOZOIC	Quaternary	Qdbr	Talus consisting dominantly of dolerite boulders (Qdbr).	
	Pleistocene	Oqpg	Fluvioglacial and lacustrine deposits (Oqpg).	
		Oqgmh	Hummocky moraine (Oqgmh).	
		Oqgg	Glacial and glaciogenic deposits (Oqgg).	
PALEOZOIC	Permian	Puuv	Well bedded to massive quartz-feldspathic sandstone, bioturbated argillaceous mudstone and carbonaceous shale and sandstone. (Mt Inglis Sandstone) (Puuv).	
		Puups	Fine to coarse grained quartz-feldspathic sandstone and minor pebble conglomerate (Benson Peak Sandstone) (Puups).	
	Pucc	Well bedded micaceous and argillaceous siltstone and siltstone (Waterfall Valley Siltstone) (Pucc).		
	Pish	Black carbonaceous siltstone, quartzite siltstone and quartz-feldspathic sandstone (Lake Holmes Coal Measures) (Pish).		
	Pilw	Well stratified sequence of siltstone and conglomerate, calcareous siltstone, mudstone and sandstone (Lake Will Pebbly Siltstone) (Pilw).		
	Pibb	Massive, poorly bedded and sorted pebble-boulder grade conglomerate (Barn Bluff Conglomerate) (Pibb).		
	Pibr	Pebbly siltstone and conglomerate with minor limestone and sandstone (Bluff River Pebbly Siltstone) (Pibr).		
	Mesoproterozoic	Tennant Region	Pc	Undifferentiated Permo-Carboniferous sediments (P).
			Pu	Undifferentiated Upper Glaciogenic Sequence. Possible correlate of Fentree Group (Pu).
		Lower Supergroup	Ptu	Undifferentiated Mery and Woodbridge Groups (Ptu).
Ptw			Gray-black pebbly mudstone with minor sandstone, conglomerate and black shale. Includes lower unit of cobble conglomerate in some areas. (Possible correlate of Wallace River Group and lower Basal Conglomerate) (Ptw).	
Devonian/Jurassic	Dm	Metamorphic rocks, dominantly metaquartzite and metapelite (P).		
	Dtp	Dominantly phyllite (Dtp).		

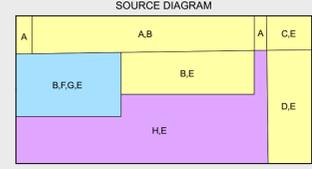
UNIT	DESCRIPTION
Jd	Dolerite and related rocks (Jd).
Dgbr	Medium- to coarse-grained, porphyritic (K-feldspar) to equigranular, zircon-muscovite-bearing alkali feldspar granite (Granite Tor Granite; S-type) (Dgbr).
Dmh	Calc-silicate hornfels (Dmh).

CONTACT	DESCRIPTION
—	Geological contact
- - -	Geological contact - inferred
⋯	Geological contact - inferred from radiometric data
---	Limit of mapping of sub-unit within undifferentiated rock unit
---	Limit of detailed mapping

FAULT	DESCRIPTION
---	Fault
- - -	Fault - inferred
---	Fault - concealed

LINEAR	DESCRIPTION
---	Moraine ridge crest
---	Lineament - visible on aerial photographs
---	Lineament - visible in magnetic data

- Strike and dip of compositional layering.
- Strike and dip of metamorphic foliation other than cleavage, parallel to compositional layering.
- Strike and dip of cleavage, relative local age  $S_2$ .
- Strike of vertical cleavage, relative local age  $S_3$ .
- Trend and plunge of lineation  $L_1$  formed by intersection of cleavages or foliations of relative local ages  $S_2$  and  $S_3$  relative local age  $F_2$ .
- Glacial striae, showing sense of movement.
- Field station for adjacent readings on the map.
- Mineral deposit location - handrock.
- Mineral deposit location - alluvial/allings.



- 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 M.J. Vicary & S. (Hors), 2004 as part of the Western Tasmanian Regional Minerals Program from the following sources (see source diagram):

A. BARTON, C.M., BURNS, K.L., GEE, R.D., GROVES, D.J., GULLINE, A.B., JENNINGS, D.J., LONGMAN, M.J., MARSHALL, B., MATTHEWS, W.L., MOORE, W.R., JACKI, L.H., THREADER, V.M. and ULDQUHART, G. 1966. Geological Atlas 1:63 360 Series. 8014N I & IV Zone 7 Sheet 43, Macleodish. Tasmania Department of Mines.

B. GEE, R.D. and BURNS, K.L. 1968. Permian stratigraphy and sedimentation in the Barn Bluff area, Central Tasmania. Rep. geol. surv. Tasm. 10.

C. JENNINGS, I.B. and BURNS, K.L. 1966. Geological Atlas 1:63 360 Series. Zone 7 Sheet 45, Middlesex. Tasmania Department of Mines.

D. JENNINGS, I.B., MACLEOD, W.N., BURNS, K.L., JACK, R.H., MATTHEWS, W.L., ROBINSON, R.D. and THREADER, V.M. 1961. Geological Atlas 1:63 360 Series. Zone 7 Sheet 52, Du Cane. Tasmania Department of Mines.

E. VICARY, M.J. 2005. Additional map compilation and review of existing maps in western Tasmania. Tasmanian Geological Survey Record 2005/05. Mineral Resources Tasmania.

F. MCCLENDHAM, M.P. 2003. Ground truthing of Western Tasmanian Regional Minerals Program geophysical data in the Granite Tor area. Tasmanian Geological Survey Record 2003/10. Mineral Resources Tasmania.

G. Spoelers, D.C. 1979. Report on exploration of EL21978 during 1980. Unpublished Report. Alcoa of Australia Limited Exploration Division. TCR 80-1490.

H. CORBETT, K.D. and BROWN, A.V. 1975. Mapping based largely on air photo interpretation. Geological Atlas 1:250 000 Sheet 8065G, Queenstown. Mineral Resources Tasmania.

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VICARY, M.J. (compiler) 2004. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4037 Will. Mineral Resources Tasmania.

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Website: www.mrt.tas.gov.au  
GD494 - MGA Zone 55. Contour Interval: 20 metres.

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