

PERIOD	UNIT	DESCRIPTION	
QUATERNARY	Qhm	Undifferentiated Quaternary sediments (Q).	
	Qha	Mine tailings and man-disturbed ground (Qhm).	
	Qha	Stream alluvium, swamp and marsh deposits (Qha).	
	Qha	Erosional surface.	
PALEOGENE - NEOGENE	Tsc	Basalt (Tb); with local occurrence of olivine tholeiite (Tol); transitional olivine basalt (Tol); basaltic andesite (Tol).	
	Tsc	Sand, silt and conglomerate, interlayered with basalt (Tsc).	
	Tsc	Siltstone conglomerate, grit, occasional fossiliferous sandstone and clay (Tsc).	
	Tsc	Interbedded sand and clay (Tsc).	
ORDOVICIAN - SILURIAN	SDa	Shallow marine quartz sandstone, siltstone and shale (Eldon Group correlative) (SD).	
	SDg	Siltstone, mudstone and calcareous siltstone (correlate of Anker Formation, including Austral Creek Siltstone and Keel Quartzite) (SDg).	
	QI	Quartz sandstone with minor mudstone and granule conglomerate (correlate of Crofty Formation) (SDg).	
	QI	Limestone and impure limestone (correlate of Gordon Group) (QI).	
	Qm	Poorly sorted quartz sandstone and minor mudstone (probable correlate of Moira Sandstone) (Qm).	
	PALEOZOIC	Cmac	Marine conglomerate with some sandstone and mudstone (Cmac).
		Cocw	Failed contacts attributed to major thrusting.
		Cocw	Metre volcanoclastic sandstone, siltstone, mudstone, chert, minor carbonate sequences with intercalated tholeiitic basalt flows. Considered allochthonous Luina Group and correlative (Cocw). Metre volcanoclastic siltstone with interbedded siltstone and mudstone (including Crescent Spur Sandstone) (Cocw).
		Cocw	Interbedded grey, brown and maroon chert, shale and argillite (Cocw).
	CAMBRIAN	Ccm	Volcaniclastic siltstone with interbedded siltstone, mudstone and minor mafic tuff (Ccm).
Ccm		Coarse-grained massive mafic breccia, derived dominantly from tholeiitic basalt (Ccm).	
Ccm		Tholeiitic basalt with locally developed pillows and minor intercalated tuff (Ccm).	
Ccm		Thinly bedded siltstone and conglomerate, with minor quartzite and mudstone (correlate of upper Oatash Formation) (Pom).	
MESO-PROTEROZOIC	Pom	Thinly bedded siltstone and conglomerate, with minor quartzite and mudstone (correlate of upper Oatash Formation) (Pom).	

PERIOD	UNIT	DESCRIPTION
DEVONIAN	Dgaci	Very coarse-grained equigranular biotite-bearing syenogranite/alkali feldspar granite, with very abundant inclusions of fine to coarse-grained, porphyritic quartz, K-feldspar and plagioclase biotite granite, and abundant quartz-tourmaline nodules (Meredith Granite) (Dgaci).
	Dgash	Dominantly fine to medium-grained equigranular to sparsely porphyritic quartz, K-feldspar and plagioclase, biotite-minor hornblende-bearing monzonite (Wombat Flat Granite) (Dgash).
PALEOZOIC	Ccbg	Local occurrences of dolerite and microgabbro (Ccbg).
	Ccb	Undifferentiated mafic and ultramafic rocks (Cb).
	Ccb	Coarse-grained gneiss associated with boninitic lavas (Ccb).
	Ccb	Massive ultramafic cumulate (Ccb).
	Ccb	Massive variably serpentinized wherite and plagioclase wherite (Ccb).
	Ccb	Fine to medium-grained gabbroite (Ccb).
	Ccb	Serpentinized layered peridotite and gabbroite (Ccb).
	Ccb	Serpentinized layered orthopyroxene, dunite and pyroxene-bearing dunite (Ccb). Dominantly harzburgite, plagioclase harzburgite and subordinate dunite, orthopyroxene and plagioclase hercynite (Ccb).
	Ccb	Dominantly plagioclase, dunite-harzburgite-hercynite, troctolite and minor spineliferous (Ccb).
	Ccb	Caps, Ccaps, Ccaps - layered pyroxene-dunite association, LPD.
ALLOCHTHONOUS SEQUENCES	Ccb	Serpentinized interlayered dunite, harzburgite and minor orthopyroxene. Layered dunite-harzburgite succession, LDW (Ccb).
	Ccb	Massive serpentinite (Ccb).

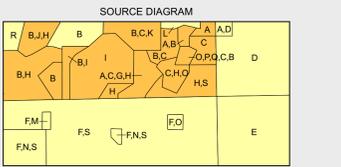
PERIOD	UNIT	DESCRIPTION
DEVONIAN	Dm	Massive, fine- to medium-grained tonalite; highly variable but commonly consisting of plagioclase, quartz, unresorbed oligoclase and Fe-Ti oxides, with secondary actinolite, chlorite and epidote (Dm).

CONTACTS	DESCRIPTION
—	Geological contact.
- - -	Geological contact - inferred.
· · · · ·	Geological contact - inferred from radiometric data.
· · · · ·	Limit of mapping of sub-unit within undifferentiated rock unit.

FAULTS	DESCRIPTION
---	Fault.
---	Fault - inferred.
---	Fault - concealed.
---	Fault - inferred from radiometric data.
---	Thrust fault (teeth on upper plate).

LINEARS	DESCRIPTION
---	Lineament - visible on aerial photographs.
---	Lineament - visible in magnetic data.
---	Magnetic gradient or lineament (direction towards lower values indicated).

SYMBOL	DESCRIPTION
↘	Strike and dip of bedding, facing known - right way up; overturned.
↘	Strike and dip of bedding, facing unknown - dipping; vertical.
↘	Strike and dip of cleavage - dipping; vertical.
↘	Strike and dip of cleavage, relative local age S ₂ .
↘	Strike and dip of cleavage, relative local age S ₃ .
↘	Strike and dip of outcrop-scale fault of unspecified type and relative age; vertical.
↘	Trend and plunge of minor fold hinge line, unspecified relative age, with vertical axial surface.
↘	Strike and dip of primary igneous banding or ptyg alignment, and schistosity in granitic rocks.
↘	Trend and plunge of hinge line of minor fold, relative local age F ₂ .
↘	Strike and dip of dominant joint set; vertical.
↘	Strike and dip of apparent lineation of K-feldspar phenocrysts on horizontal surface of granitic rock.
↘	Strike and dip of dyke or vein; vertical. Dolerite and microgabbro (Ccbg); Quartz-muscovite granite (Dgac).
↘	Field station for adjacent readings on the map.
↘	Notable small outcrop with rock unit indicated.
↘	Mineral deposit location - hardrock.
↘	Mineral deposit location - alluvial/alluvial.
↘	Construction material/industrial mineral/gastone location.



Compiled by J.L. Everard, B.Sc (Hons) and G.V. Cumming, B.Sc (Hons), 2016 from the following sources (see source diagram):

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Website: www.mrt.tas.gov.au
GDA84 - MGA Zone 55. Contour Interval: 20 metres.

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