

PERIOD	UNIT	DESCRIPTION
CENOZOIC	QUATERNARY	Ohm Mine tailings and man-disturbed ground (Ohm).
		Oha Stream alluvium, swamp and marsh deposits (Oha).
PHLEGGENE	Tsa Erosional surface.	
	Tsb Basalt (Tsb) transitional olivine basalt (Tsa), basaltic indicated (Tsa).	
SILURIAN	Tss Sand, silt and conglomerate, interlayered with basalt (Tss).	
	Tsg Silty conglomerate, grit, occasional fossiliferous sandstone and clay (Tsg).	
DEVONIAN	Tst Interbedded sand and clay (Tst).	
	Ad Dolerite, known only as erratic boulders on this sheet (Ad).	
SILURIAN	SDa Siltstone, mudstone and calcareous siltstone (correlate of Amber Formation, including Austral Creek Siltstone and Kest Quartzite) (SDa).	
	SDag Quartz sandstone with minor mudstone and granule conglomerate (correlate of Crilly Formation) (SDag).	
DEVONIAN	Oa Limestone and impure limestone (correlate of Gordon Group) (Oa).	
	Oam Poorly sorted quartz sandstone and minor mudstone (probable correlate of Males Sandstone) (Oam).	
SILURIAN	CSa Marine conglomerate with some sandstone and mudstone (CSa).	
	CSa Faulted contacts attributed to major thrusting.	
DEVONIAN	CSa Micaceous quartzose siltstone with interbedded siltstone and mudstone (including Crescent Spur Sandstone) (CSa).	
	CSa Interbedded grey, brown and maroon chert, shale and argillite (CSa).	
SILURIAN	CSa Volcaniclastic siltstone with interbedded siltstone, mudstone and minor mafic tuff (CSa).	
	CSa Coarse-grained massive mafic breccia, derived dominantly from mafic basalt (CSa).	
DEVONIAN	CSa Tholeiitic basalt with locally developed pillow and minor interstratified tuff (CSa). Igneous dyke flow (CSa) indicated (CSa).	
	CSa Massive and pillowed mafic basalt flows (low-titanium tholeiite) commonly brecciated. Individual flows graded from coarse-grained base to pillowed top (CSa).	
SILURIAN	CSa Coarse-grained mafic volcanoclastics, derived dominantly from low-titanium tholeiite lavas (CSa).	
	CSa Minor intercalated chert and sedimentary rocks (CSa).	
DEVONIAN	CSa (CSa undifferentiated mafic and ultramafic rocks).	
	CSa Faulted contacts of CSa attributed to major thrusting.	
SILURIAN	Pom Thinly bedded calcareous siltstone and conglomerate, with minor quartzite and mudstone (correlate of upper Devonian Formation) (Pom).	
	Pom Faulted contacts of Pom attributed to major thrusting.	

PERIOD	UNIT	DESCRIPTION
DEVONIAN	Dgca 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, I-type) (Dgca).	
	Dgcb Dominantly fine- to medium-grained, equigranular to sparsely porphyritic (quartz, K-feldspar and plagioclase) biotite-mior hornblende-bearing monzonite (Russett Fall Granite, I-type) (Dgcb).	
CAMBERIAN	Cbap Coarse-grained pyroxenite associated with boninitic lavas (Cbap).	
	Cba Massive ultramafic cumulate (Cba).	
CAMBERIAN	Cbs Massive variably serpentinized wehrlite and plagioclase wehrlite (Cbs).	
	Cgg Fine to medium-grained gabbroanite (Cgg).	
CAMBERIAN	Cdpa Serpentinized interlayered orthopyroxene, dunite and pyroxene-bearing dunite (Cdp). Dominantly hornblende, plagioclase hornblende and subvolcanic dunite, orthopyroxene and plagioclase hornblende (Cdp).	
	Cdpc Dominantly plagioclase dunite-hornblende-hercynite, trachyte and minor orthopyroxene (Cdp).	
CAMBERIAN	Cds Serpentinized interlayered dunite, hornblende and minor orthopyroxene. Layered dunite-hornblende succession (LD) (Cds).	
	Cem Massive serpentinite (Cem).	
CAMBERIAN	Cf Massive, fine- to medium-grained tonalite, highly variable but commonly consisting of plagioclase, quartz, unaltered clinopyroxene and Fe-Ti oxides, with secondary actinolite, chlorite and apatite (Cf).	
	DM Magnetite skarn (DM).	

SYMBOL	DESCRIPTION
—	Geological boundary - position approximate.
- - -	Geological boundary - inferred.
- · - · -	Geological boundary - inferred from airborne radiometric data.
- - - - -	Fault - position accurate or approximate.
- · - · -	Fault - inferred.
· · · · ·	Fault - concealed.
- - - - -	Fault - inferred from airborne radiometric data.
- - - - -	Thrust fault (teeth on upper plate) - position accurate or approximate.
- - - - -	Lineament visible on aerial photographs.
- - - - -	Lineament visible in airborne magnetic data.
- - - - -	Magnetic gradient or lineament (direction towards lower values indicated).
- - - - -	(white line) Limit of mapping of sub-unit within undifferentiated rock unit.
↗ ↘	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 S2.
↗ ↘	Strike and dip of cleavage, relative local age S1.
↗ ↘	Sense of lateral offset on wrench or oblique-slip fault: sinistral.
↗ ↘	Trend and plunge of minor fold hinge line, unspecified relative age, with vertical axis surface.
↗ ↘	Strike and dip of primary igneous banding or platy alignment, and schlieren in granitic rocks.
↗ ↘	Trend and plunge of hinge line of minor fold, relative local age T2, with vertical axis surface.
↗ ↘	Strike and dip of dominant joint set, vertical.
↗ ↘	Trend of apparent location of K-feldspar phenocrysts on horizontal surface of granitic rock.
↗ ↘	Strike and dip of dyke or vein, rock type or mineral specified in digital data vertical.
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
•	Notable small float or lag occurrence, with rock type indicated.
✕	Mineral deposit location - hardrock
✕	Mineral deposit location - alluvial/alluvial
✕	Construction material/industrial mineral/gemstone location

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 S2.
↗ ↘	Strike and dip of cleavage, relative local age S1.
↗ ↘	Sense of lateral offset on wrench or oblique-slip fault: sinistral.
↗ ↘	Trend and plunge of minor fold hinge line, unspecified relative age, with vertical axis surface.
↗ ↘	Strike and dip of primary igneous banding or platy alignment, and schlieren in granitic rocks.
↗ ↘	Trend and plunge of hinge line of minor fold, relative local age T2, with vertical axis surface.
↗ ↘	Strike and dip of dominant joint set, vertical.
↗ ↘	Trend of apparent location of K-feldspar phenocrysts on horizontal surface of granitic rock.
↗ ↘	Strike and dip of dyke or vein, rock type or mineral specified in digital data vertical.
•	Field station for adjacent readings on the map.
•	Notable small outcrop with rock unit indicated.
•	Notable small float or lag occurrence, with rock type indicated.
✕	Mineral deposit location - hardrock
✕	Mineral deposit location - alluvial/alluvial
✕	Construction material/industrial mineral/gemstone location

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

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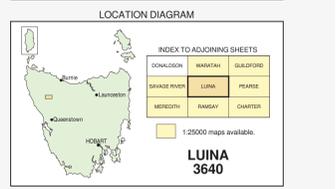
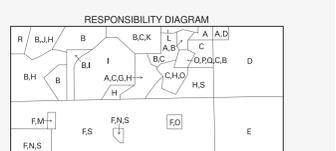
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Website: www.mrt.tas.gov.au

GDA84 - MGA Zone 55. Contour Interval: 20 metres.

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