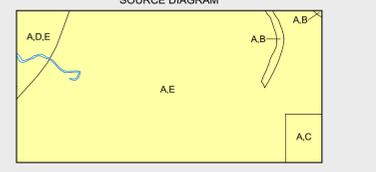


CENOZOIC	
Qha	Marsh and swamp deposits, alluvium, river gravels and slope wash deposits (Qha).
Qpt	Talus (Qpt).
Erosional surface.	
Tss	Quartzose gravel and sand (Tss).
Tb	Basalt (Tb), including local occurrence of transitional olivine basalt (Tbr) at 340720mE, 5385880mN.
Tgs	Quartzose gravel and sand with lignite silty clay (Tgs), with upper Eocene-Oligocene microfossils at 347900mE, 5385770mN; minor gravel with lag of gravel and bedrock-derived vein quartz (Tgva).
Angular unconformity.	
Pdv	Mafic volcanoclastic lithowacke, siltstone and mudstone, with minor carbonate and tholeiitic basalt (Crimson Creek Formation) (Pdv).
Pds	Red chert mudstone with minor conglomerate layers (upper 'red rock' member of Renison Bell Formation) (Pds).
Pdsu	Black mudstone, laminated siliceous to calcareous siltstone and minor sandstone with conglomerate horizons (Pdsu).
Angular unconformity.	
Pom	Thinly bedded, dark grey, slaty to relatively massive pellic siltstone and mudstone with minor chert (Pom).
Po	Interbedded metamorphosed basalt, basaltic wacke, slaty to phyllitic siltstone, quartzwacke and minor dolomite (Bernalda Volcanics and correlatives) (Po).
Transitional metamorphic boundary.	
Pat	Micaceous quartz schist with locally preserved graded beds, interlayered with grey and green, pelitic phyllite and minor fine-grained schist (correlate of Keith schist) (Pat).
Transitional to relatively sharp lithological boundary.	
Pac	Interbedded green to grey phyllite and fine-grained schist, usually comprising muscovite and quartz with trace to dominant chlorite, albite and dolomite, and containing scattered thin layers of actinolitic amphibole (Pac).
Pacq	Interbedded phyllite, fine-grained schist and minor actinolitic amphibole, with micaceous quartz schist and relatively minor porphyroblastic schist (Pacq).
Pacp	Grey phyllite common to dominant (Pacp).
Pac	Interbedded phyllite, fine-grained schist and minor actinolitic amphibole, with intervals of boudinaged thin beds and probable flattened clasts of annealed meta-quartzite (Pac).

NEOPROTEROZOIC	
Paa	Dominant to common layers of foliated, fine- to rarely coarse-grained, occasionally chloritised, hornblende subalkaline amphibolite with common magnetite, interlayered with usually chloritic phyllite and schist (Paa).
Pear	Dominantly amphibolite with rare magnetite, interlayered with chloritic phyllite and schist (Pear).
Pead	Dominantly amphibolite with lenses of richly disseminated magnetite (calcuminite pyrite), interlayered with chloritic phyllite and schist (Pead).
Ppac	Dominantly amphibolite with lenses of massive magnetite (subordinate pyrite), interlayered with chloritic phyllite and schist (Ppac).
Pacy	Dominantly felsic albite schist with relict medium-grained microcline-albite granitoid (Pacy).
Faulted contacts with Pash etc.	
Purh	Grey slaty pellic siltstone with minor banded chert and thin layers of siliceous oolitic carbonate (Purh).
Conformable boundaries.	
Pshd	Pale grey and cream, massive, fine-grained dolomite (Pshd).
Pshs	Variably siliceified dolomite (Pshs).
Pshas	Mainly lag of silicification products of dolomite (Pshd), including silica flour, commonly obscured by Tertiary derived slope wash deposits (Pshas).
Faulted boundaries on this sheet, conformable elsewhere.	
Pshbh	Interbedded metamorphosed basalt, basaltic wacke, slaty to phyllitic siltstone, quartzwacke and minor dolomite (Bernalda Volcanics and correlatives) (Pshbh). Abundant metabasalt, with grey tuffaceous and pellic siltstone (Pshbh).
Pshbt	Interbedded slaty or phyllitic to relatively massive, green to grey, tuffaceous and pellic, chloritic metasilstone with minor fine-grained foliated metamorphosed basalt and basaltic wacke (Pshbt).
Pshbg	Dominantly grey tuffaceous and pellic metasilstone (Pshbg).
Psh	Pale green and cream, fine-grained dolomite, locally pelitic, with stromatolites, or interbedded with rhyolite carbonaceous siltstone (Savage Dolomite and correlatives) (Psh).

PALEOZOIC	
Dgacp	Very coarse-grained equigranular biotite granite, with very abundant intrusions of fine- to coarse-grained porphyritic (quartz, K-feldspar, plagioclase) biotite granite (Dgacp). Some areas of pink (Dgacp), and grey to white (Dgace) medium- to coarse-grained equigranular granite shown. Quartz-thornalite nodules locally abundant (Dgacp, Dgacp, Dgace: felsic phase of Meredith Granite).
CONTACTS	
—	Geological contact
- - -	Geological contact - inferred
- · - · -	Transitional geological contact
Limit of mapping of sub-unit within undifferentiated rock unit.	
FAULTS	
- - -	Fault
- · - · -	Fault - inferred
· · · · ·	Fault - concealed
LINEARS	
—	Lineament - visible on aerial photographs.

INTRUSIVE ROCKS	
Strike and dip of bedding, facing known - right way up, facing indicated by single tic, 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 ₁ - dipping, vertical.
Strike and dip of cleavage, relative local age S ₂ - dipping, vertical.	Strike and dip of crenulation cleavage - dipping, vertical.
Strike and dip of kink band, movement sense unspecified - dipping, vertical.	Trend and plunge of hinge line of minor fold, with dip and dip direction of axial surface indicated.
Trend and plunge of hinge line of minor fold, relative age F ₁ , with dip and dip direction of axial surface, relative local age F ₂ .	Trend of apparent lineation of K-feldspar phenocrysts on horizontal surface of granitic rock.
Strike and dip of dyke or vein, rock unit indicated, Quartz-tourmaline rock (Dgqr).	Strike and dip of dominant joint set - dipping, vertical.
Strike and dip of kink band, movement sense unspecified - dipping, vertical.	Field station for adjacent readings on the map.
Mineral deposit location - hardrock.	Notable small outcrop with rock unit indicated.
Mineral deposit location - alluvial/tailings.	Construction material/industrial mineral/gemstone location.



Compiled by J.L. Everard, 2001 from the following sources (see source diagram):
 A TURNER, N.J., BROWN, A.V., MCCLELLAGHAN, M.P. & SOETIRSINO, I. 1991. Geological Atlas 1:50,000 series sheet 43 (7914N), Corinna, Tasmania. Department of Mines.
 B SHARPLES, C. 1992. Subdivisions in the southern part of the Meredith Granite. Appendix C in Tasmania Department of Mines Report 1992/06.
 C BROWN, A.V. 1968. Geology of the Dundas-Mt Lindsay-Mt Youngbuck Region. Geological Survey Bulletin 62, Tasmania Department of Mines.
 D Additional information from C.R. Calver 1998. Reconnaissance isotopic chemostratigraphy of Neoproterozoic carbonate rocks in Western Tasmania. Tasmanian Geological Survey Record 1998/10.
 Updated by:
 E M.J. Vicary, 2004 using air photograph and geophysical data interpretation as part of the Western Tasmanian Regional Minerals Program.

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 EVERARD, J.L. (compiler) 2001. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3438 Livingstone. 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
 GDSM - MGA Zone 55. Contour Interval: 20 metres.
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