

CENOZOIC
PALEOGENE-NEOGENE
SILURIAN-DEVONIAN

Qpnt	Talus (Qpnt)
Qha	Stream alluvium, swamp and marsh deposits (Qha)
Qpo	Older alluvial gravels, mainly on raised terraces developed on Paleogene - Neogene deposits and showing a gradational relationship to younger alluvium (Qpo)
Qhas	Older alluvial fan deposit associated with steep slopes (Qhas)
----- Unconformity	
Tsng	Semi-consolidated interbedded sands, pebble-cobble gravels (up to boulder grade in some places), silts and clays, some horizons contain coalified wood and rare amber (Tsng)
Tsbb	Coarse bouldery deposits with clasts to 5m. Mostly developed near graben margin, with clasts of local derivation (Tsbb)
----- Unconformity	
SD	Shallow marine quartz sandstone, siltstone and shale (Eidon Group correlates) (SD)

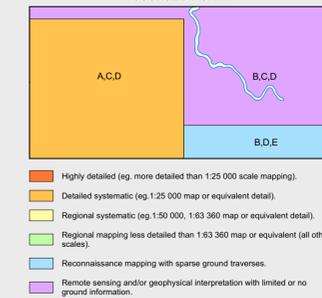
PALEOZOIC
CARBONIFEROUS
CAMBRIAN

Os	Dark grey limestone, dolomite, calcareous mudstone, minor quartz sandstone and black clay weathering products. In part fossiliferous (Os)
OCc	Pink to grey sandstone and granite-pebble conglomerate with minor siltstone and calcareous sandstone, locally bioturbated and fossiliferous (OCc)
OCOp	Pink thick-bedded to massive pebble-conglomerate with minor sandstone (OCOp)
OCs	Quartz sandstone, pink to grey, typically cross-bedded to thin-bedded, with minor siltstone, conglomerate and calcareous sandstone (OCs)
OCOp	Mainly pink rough cross-bedded sandstone with interbeds of pebble conglomerate (OCOp)
OCOp	Mainly grey rough cross-bedded micaceous sandstone with some pebble conglomerate and minor siltstone (OCOp)
OCOp	Mainly interbedded granule-pebble to pebble-cobble conglomerate and sandstone, with minor siltstone (OCOp)
OCOp	Volcaniclastic conglomerate and sandstone with minor siltstone (OCOp)
OCOp	Volcaniclastic conglomerate with upper unit of poorly exposed black shale and siltstone in some areas (Waterloo Creek Group) (OCOp)
----- Unconformity	
Cdqlt	Dominantly felsic lavas and/or intrusives typically quartz-feldspar-phyric, with minor felsic volcaniclastic rocks (Cdqlt)
Cdqv	Dominantly felsic volcaniclastic rocks, typically quartz-feldspar-phyric, well bedded to massive. Includes minor felsic lava and lava breccia (Cdqv)
Cdqb	Siliceous breccia-conglomerate, with quartzite clasts to 20cm. Strongly fractured and recrystallised (Cdqb)
Cdqb	Siliceous granule-pebble conglomerate and sandstone with interbedded micaceous siltstone and minor volcaniclastic rocks (Corvate of Sloch Range Beds) (Cdqb)

INTRUSIVE ROCKS
METAMORPHIC ROCKS

Ph	Platy or schistose micaceous quartzite (Ph)
Qtz	Dominantly quartzite (Qtz)
Ph	Dominantly phyllite (Ph)
Cfhp	Quartz-feldspar-biotite porphyry, typically coarse-grained (Cfhp)

↘ ↙	Strike and dip of bedding - right way up; facing unknown.
↘ ↙	Strike and dip of cleavage of unspecified type and relative age; vertical; parallel to bedding, facing unknown.
↘ ↙	Strike and dip of dominant joint set; vertical.
↘ ↙	Strike and dip of igneous banding of platy alignment.
↘ ↙	Strike and dip of link band, movement sense unspecified.
•	Field station for adjacent readings on the map.
⊙	Macrofossil location.



Compiled by D. Green, B.Sc. (Hons) Ph.D., 2003 from the following sources (see source diagram):

A. BRADBURY, J. PEMBERTON, J. VICARY, M.J. & CORBETT, K.D., 1992. Geology of the D'Aguilar Range area. Map 12. Mt Read Volcanics Project. Department of Mines, Tasmania.

B. BROWN, A.V. et al 2005. Southwest Tasmania. Edition 2005.1 Geological Atlas 1:250 000 Digital Series. Mineral Resources Tasmania.

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 2004/3.

D. VICARY, M.J. 2005. Additional map compilation and review of existing maps in western Tasmania. Tasmanian Geological Survey Record 2005/5.

E. Air photograph interpretation by W.D.M. Hall and M.J. Vicary, 2006.

REFERENCE THIS MAP AS:
GREEN, D.C. (compiler) 2003. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3828 D'Aguilar. Mineral Resources Tasmania.

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Website: www.mrt.tas.gov.au

GD54M - MGA Zone 55. Contour Interval: 20 metres.

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