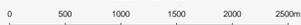


MAINWARING

Scale: 1:25 000



CENOZOIC	
QUATERNARY	
Qoptac	Talus derived from Ordovician conglomerate (Qoptac).
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qpsw	Older aeolian sand and sand dunes (Qpsw).
Qsp	Sands and gravels associated with older marine platforms - probably includes marine, alluvial and slope deposits (Qsp).

PALEOZOIC	
LATE CAMBRIAN	
COs	Sandstone grey to pink, trough cross-bedded, micaceous, with minor pebble conglomerate and siltstone (COs).
COms	Marine sequence of interbedded sandstone, siltstone and conglomerate (COms).
COmsc	Mainly conglomerate, granite-pebble grade, with interbedded sandstone and minor siltstone (COmsc).
COmsh	Mainly thin-bedded micaceous siltstone, green to grey, with interbedded sandstone (COmsh).
COmsi	Dominantly interbedded sandstone and siltstone (COmsi).
COmshp	Mainly black pyritic shale and siltstone (COmshp).
COvc	Mainly volcanoclastic conglomerate and sandstone (COvc).
COvs	Locally developed sequence of volcanoclastic sandstone and siltstone, well bedded, with common graded bedding (COvs).
	Unconformity.

PALEOZOIC	
MIDDLE CAMBRIAN	
Cdsv	Mixed sequence of volcano-sedimentary, sedimentary and volcanic rocks, ranging from felsic to andesitic in composition, includes some non-volcanic sedimentary rocks (Cdsv).
Cdsvs	Dominantly volcanoclastic conglomerate and sandstone with some interbedded siltstone (Cdsvs).
Cdsvs	Dominantly volcanoclastic sandstone with interbedded siltstone and mudstone and minor conglomerate (Cdsvs).
Cda	Andesitic lava, breccia and possible intrusive, typically plagioclase-pyroxene-phyric (Cda).
Cdsvh	Dominantly siltstone and shale, grey to black, with some interbedded sandstone and vitric ash (Cdsvh).
Cdsvm	Mafic volcanoclastic sandstone, siltstone and possible lava, chlorite-epidote-altered, schistose (Cdsvm).
Cdsvia	Felsic lava and breccia at Acacia Rocks (Cdsvia).

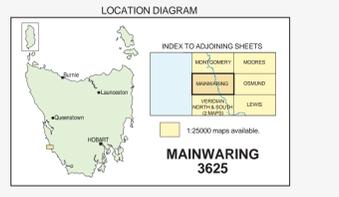
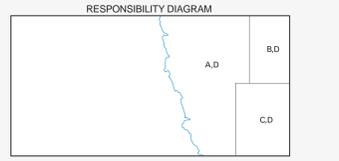
PALEOZOIC	
EARLY CAMBRIAN	
Ccam	Volcanoclastic sandstone, siltstone, mudstone and minor chert with interbedded basaltic lava and breccia (Mainwaring Group) (Ccam).
Ccam	Dominantly mafic volcanoclastic sandstone with siltstone, dolomitic sandstone, mafic volcanic breccia and minor mafic lava (Ccam).
Ccamsh	Mainly laminated siltstone with interbedded laminated chert zones (Ccamsh).
Ccab	Dominantly basaltic lava and breccias with minor sedimentary rocks (Ccab).

PALEOZOIC	
MIDDLE CAMBRIAN	
Cdqb	Quartz-feldspar-biotite-phyric lava and/or intrusive (Cdqb).
Cdcb	Mafic dykes, typically chlorite-altered (Cdcb).
Cda	Andesitic dykes and sills (Cda).

MINERALISATION	
Cemo	Outcrop of massive sulphide (Cemo).

- Strike and dip of bedding, facing known - right way up; overturned, vertical, facing indicated by single tic.
- Strike and dip of bedding, facing unknown - dipping, vertical.
- Strike and dip of cleavage of unspecified type and relative age; vertical.
- Strike and dip of cleavage of unspecified type and relative age; vertical.
- Strike and dip of cleavage, relative local age S2; S3.
- Strike and dip of crenulation cleavage; vertical.
- Strike of vertical kink band, movement sense unspecified.
- Strike and dip of primary igneous banding or ply alignment.
- Strike and dip of metamorphic foliation other than cleavage, parallel to compositional layering.
- Trend and plunge of hinge line of minor fold, unspecified relative age; with dip and dip direction of axial surface.
- Trend and plunge of hinge line of minor antiform, unspecified relative age.
- Trend and plunge of hinge line of minor fold, relative local age F2.
- Trend and plunge of mineral elongation lineation.
- Strike and dip of vein, rock type or mineral specified by ICODE in text. Arrowhead to face.
- Field station for adjacent readings on the map.
- Mineral deposit location - hardrock.
- Mineral deposit location - alluvial.

Compiled by D.B. Seymour, B.Sc.(Hons), Ph.D. and D.Green B.Sc. (Hons) Ph.D. 2003 from the following sources (see Responsibility Diagram).
 A. BROWN, A.V., 1986. Geological Atlas 1:25 000 Series, Sheet 3625 (25). Montgomery, with modifications based on aeromagnetic and geophysics interpretation.
 B. VICARY, M.J., PEMBERTON, J., BRADBURY, J. and CORBETT, K.D., 1992. Geology of the Wanderoo River-Moorea Valley area. Map 11. MR Road Volcanics Project. Department of Mines, Tasmania.
 C. PEMBERTON, J., VICARY, M.J., BRADBURY, J. and CORBETT, K.D., 1991. Geology of the Black Bay - Mt Carmel area. Map 13. MR Road Volcanics Project. Department of Mines, Tasmania.
 Updated by D. K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program.



REFERENCE THIS MAP AS:
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 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.
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