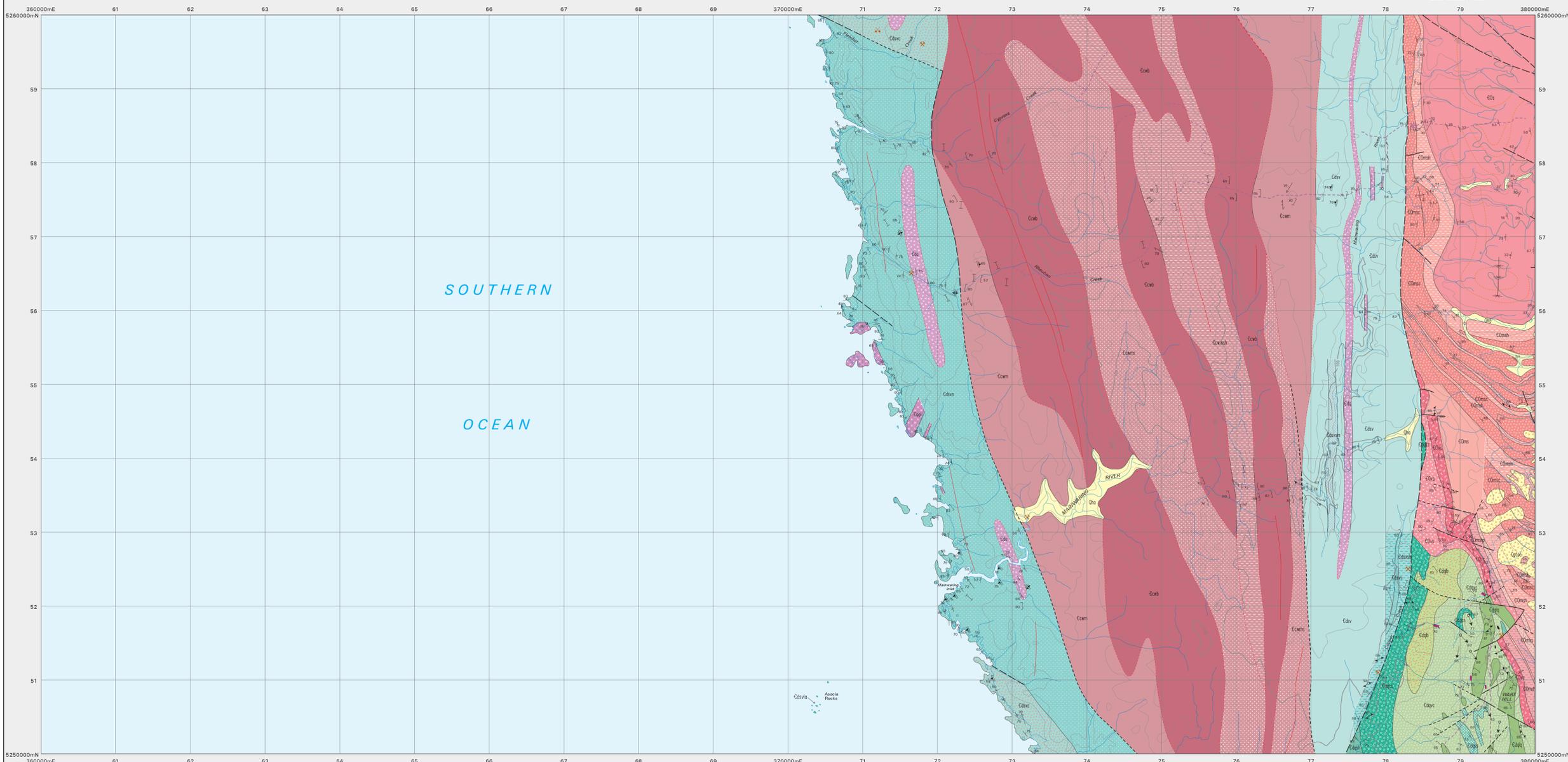
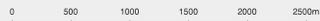


# MAINWARING

Scale: 1:25 000



SOUTHERN

OCEAN

MAINWARING RIVER

PERIOD	UNIT	DESCRIPTION
CAINOZOIC	Quaternary	Qafoa: Talus derived from Ordovician conglomerate (Oafo).
	Quaternary	Qha: Stream alluvium, swamp and marsh deposits (Qha).
PALAEOZOIC	COa	Sandstone grey to pink, trough cross-bedded, micaceous, with minor pebble conglomerate and siltstone (COa).
	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).
	COmshp	Mainly sandstone, typically micaceous, thin-bedded (COmshp).
	COmshp	Mainly black pyritic shale and siltstone (COmshp).
	COvc	Mainly volcanoclastic conglomerate and sandstone (COvc).
COva	Locally developed sequence of volcanoclastic sandstone and siltstone, well bedded, with common graded bedding (COva).	
	Unconformity	

PERIOD	UNIT	DESCRIPTION
PALAEOZOIC	COsv	Mixed sequence of volcano-sedimentary, sedimentary and volcanic rocks, ranging from basic to andesitic in composition. Includes some non-volcanic sedimentary rocks (COsv).
	COsvc	Dominantly volcanoclastic conglomerate and sandstone with some interbedded siltstone (COsvc).
	COsvs	Dominantly volcanoclastic sandstone with interbedded siltstone and mudstone and minor conglomerate (COsvs).
	COsva	Andesitic lava, breccia and possible intrusive, typically plagioclase-pyroxene-phyric (COsva).
	COsvsh	Dominantly siltstone and shale, grey to black, with some interbedded sandstone and vitric ash (COsvsh).
PALAEOZOIC	COsvam	Mafic volcanoclastic sandstone, siltstone and possible lava, chlorite-epidote-altered, schistose (COsvam).
	COsvia	Felsic lava and breccia at Acacia Rocks (COsvia).
PALAEOZOIC	COsqh	Dominantly siltstone sequence, typically grey, thinly bedded (COsqh).
	COsqc	Siliceous conglomerate, sandstone and breccia (COsqc).
	COsqv	Dominantly felsic volcanoclastic rocks, well bedded to massive, includes sandstone, siltstone, minor conglomerate, probable pyroclastic rocks and minor felsic lavas (COsqv).
	COsqss	Siliceous-micaceous sandstone, generally thin bedded (COsqss).
PALAEOZOIC	COsqf	Dominantly felsic quartz-feldspar-phyric lavas and/or intrusives, with minor felsic volcanoclastic rocks (COsqf).
	COsqb	Quartz-feldspar-biotite-phyric lava and/or intrusive (COsqb).

PERIOD	UNIT	DESCRIPTION
PALAEOZOIC	COwm	Volcanoclastic sandstone, siltstone, mudstone and minor chert with interbedded basaltic lavas and breccias (Mainwaring Group) (COwm).
	COwms	Dominantly mafic volcanoclastic sandstone with siltstone, dolomitic sandstone, mafic volcanic breccia and minor mafic lava (COwms).
	COwmsh	Mainly laminated siltstone with interbedded laminated chert zones (COwmsh).
PALAEOZOIC	COwb	Dominantly basaltic lavas and breccias with minor sedimentary rocks (COwb).
	COwb	Dominantly basaltic lavas and breccias with minor sedimentary rocks (COwb).

PERIOD	UNIT	DESCRIPTION
PALAEOZOIC	COqf	Quartz-feldspar-biotite-phyric lava and/or intrusive (COqf).
	CObc	Mafic dykes, typically chlorite-altered (CObc).
PALAEOZOIC	COaf	Andesitic dykes and sills (COaf).
	COaf	Andesitic dykes and sills (COaf).

PERIOD	UNIT	DESCRIPTION
PALAEOZOIC	COma	Outcrop of massive sulphide (COma).
	COma	Outcrop of massive sulphide (COma).

## INTRUSIVE ROCKS

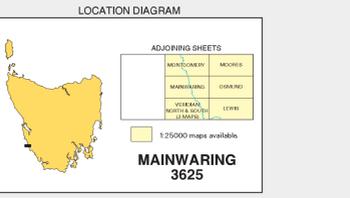
## MINERALISATION

- Geological boundary - position accurate or approximate.
- Geological boundary inferred from aeromagnetic data.
- Fault - unspecified type, position accurate or approximate.
- Fault - unspecified type, inferred.
- Lithological trend line.
- Lineament visible in airborne magnetic data.
- Astrial surface trace of major unitform.
- Astrial surface trace of major synform.
- Limit of mapping of sub-unit within undifferentiated rock unit.

- 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, type and relative age unspecified - dipping; vertical parallel to bedding, facing unknown.
- Strike and dip of cleavage, relative local age S2.
- Strike and dip of cleavage, relative local age S3, vertical.
- Strike and dip of crumulation cleavage; vertical.
- Strike and dip of primary igneous banding or platy alignment.
- Strike and dip of metamorphic foliation other than cleavage, parallel to compositional layering.
- Trend and plunge of hingeline of minor fold, unspecified relative age, with dip and dip direction of axial surface.
- Trend and plunge of hingeline of minor antiform, unspecified relative age.
- Trend and plunge of hingeline of minor fold, relative local age F1.
- Trend and plunge of mineral elongation lineation.
- Strike and dip of vein, rock type or mineral specified by RCODE in Point Attribute Table.
- Field station for adjacent readings on the map.
- Mineral deposit location - hardrock - Data derived from Mineral Resources Tasmania (MRT) 2015 data base. Data point position has not been verified in every case.
- Mineral deposit location - alluvial -

Compiled by D.B. Seymour, B.Sc. (Hons), Ph.D. and D.Green, 2003  
From the following sources (see Responsibility Diagram):  
A. Brown, A.V. 1986: Geological Atlas 1:50,000 Series, Sheet 781(7125), Mtngamery, with modifications based on aeromagnetic and aerphoto interpretation.  
B. Vicary, M.J., Pemberton, J., Bradbury, J. & Corbett, K.D. 1992: Geology of the Wandera River - Moonee Valley area. Mt Read Volcanics Project, Map 11.  
C. Pemberton, J., Vicary, M.J., Bradbury, J. & Corbett, K.D. 1991: Geology of the Elliott Bay - Mt Damurd area. Mt Read Volcanics Project, Map 10.  
D. Updated by K.D. Corbett, 2004 as part of the Western Tasmania Regional Minerals Program.

Base data from the UST, Copyright State of Tasmania.  
Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software: ArcView - ArcMap 9.3.1. Contour Interval: 20 metres.



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