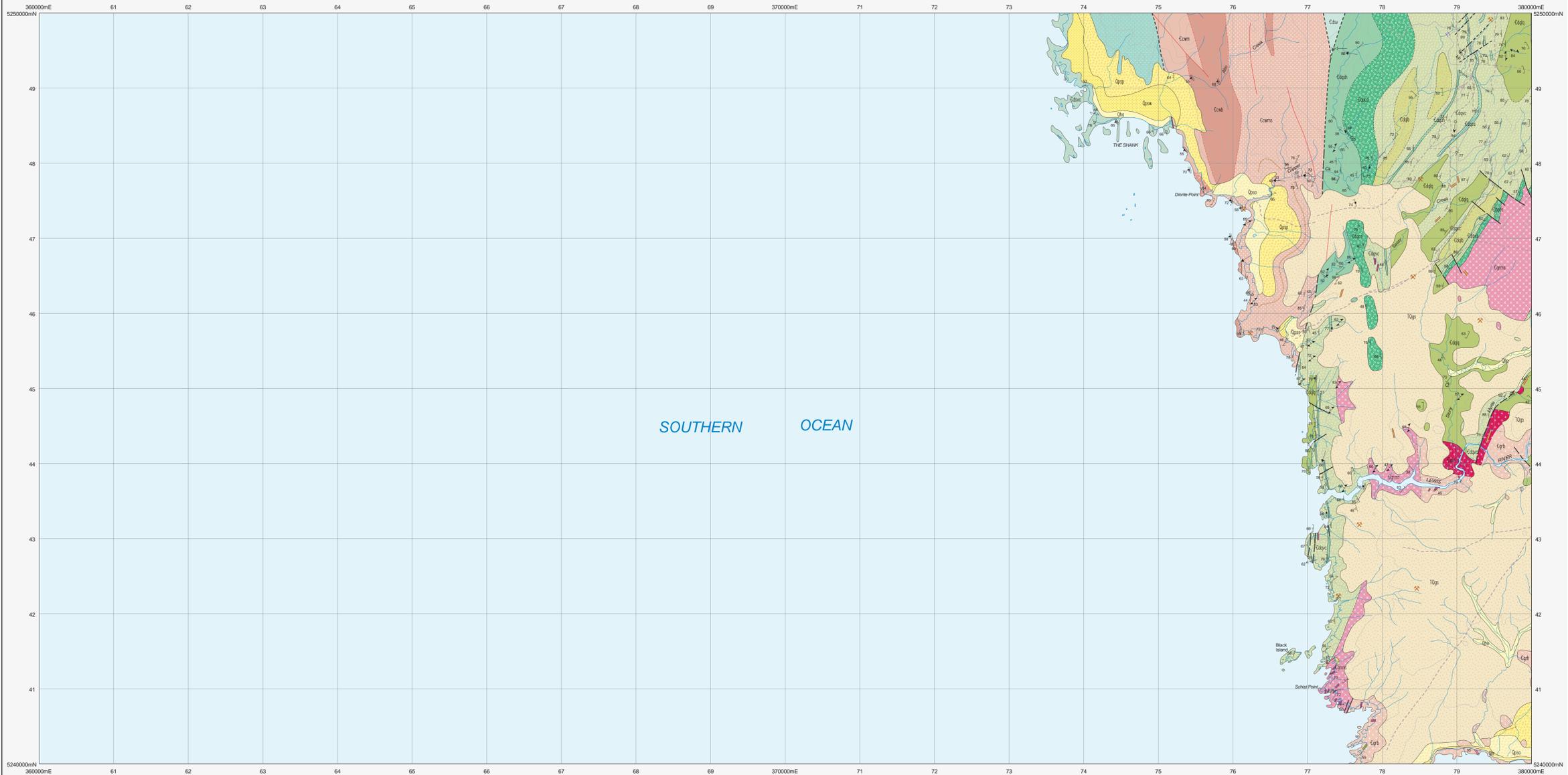
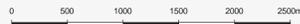


# VERIDIAN NORTH

Scale: 1:25 000



## COMPOSITE LEGEND FOR VERIDIAN NORTH AND SOUTH

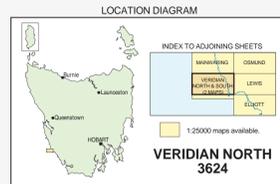
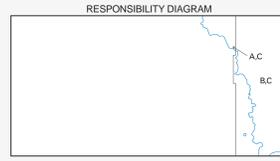
PERIOD	UNIT	DESCRIPTION
CENZOZOIC QUATERNARY	Qdb	Modern shore face and associated aeolian dune sand (Qdb).
	Qha	Stream alluvium, swamp and marsh deposits (Qha).
	Qr	Raised beach deposits (Qr).
	Qpsw	Older aeolian dune sand (Qpsw).
	Qpsd	Older aeolian sand and sand dunes (Qpsd).
TERTIARY	Qsp	Sands and gravels associated with older marine platforms – probably includes marine, alluvial and slope deposits (Qsp).
	TQgs	Gravel and sand deposits associated with surface approx. 50m a.s.l. includes vein quartz lag and probable younger alluvial deposits (TQgs).
		Unconformity.
PALEOZOIC MIDDLE CAMBRIAN	Cdsv	Volcano-sedimentary and sedimentary sequences of sandstone, mudstone and minor conglomerate, with some felsic to andesitic volcanic units (Cdsv).
	Cdvc	Dominantly volcanoclastic pebble conglomerate and sandstone with interbedded siltstone (Cdvc).
	Cdvs	Dominantly volcanoclastic sandstone with interbedded siltstone and mudstone and minor granite conglomerate (Cdvs).
	Cdvc	Dominantly volcanoclastic rocks, typically quartz-feldspar-phyrlic (Cdvc).
	Cdsh	Dominantly siltstone sequence, typically grey, thin bedded (Cdsh).
	Cdcs	Siliceous conglomerate, sandstone and breccia (Cdcs).
	Cdss	Siliceous-micaceous sandstone, generally thin bedded (Cdss).
	Cdqr	Dominantly volcanoclastic sandstone with minor siltstone, typically quartz-feldspar-rich, well bedded (Cdqr).
	Cdqf	Dominantly felsic quartz-feldspar-phyrlic lavas and/or intrusives, with minor felsic volcanoclastic rocks (Cdqf).
	Cdqh	Quartz-feldspar-biotite-phyrlic lava and/or intrusive (Cdqh).

PERIOD	UNIT	DESCRIPTION
EARLY CAMBRIAN	Ccwm	Volcanoclastic sandstone, siltstone, mudstone and minor chert with intercalated basaltic lavas and breccias (Mainwaring Group) (Ccwm).
	Ccwm	Dominantly mafic volcanoclastic sandstone with siltstone, dolomitic sandstone, mafic volcanic breccia and minor mafic lava (Ccwm).
	Ccwb	Dominantly basaltic lavas and breccia, typically chlorite-epidote-altered, with minor sedimentary rocks (Ccwb).
PALEOZOIC MIDDLE CAMBRIAN	Qv	Quartz vein.
	Cdfd	Felsic dyke, commonly flow-banded (Cdfd).
	Cdbc	Mafic dykes, typically chlorite-altered (Cdbc).
	Cgrb	Dominantly medium-to coarse-grained biotite granite-adamellite (Cgrb).
	Cgrs	Quartzite with strongly sericitized feldspar and biotite altered to opalite, muscovite and chlorite (Cgrs).
	Cgrms	Intensely sericitic-quartz-altered microgranite. May include minor thermally altered country rock (Cgrms).
	Cgra	Granite-related apfite, microgranite or quartz-feldspar porphyry dyke (Cgra).
	Cdqh	Quartz-feldspar-biotite-phyrlic lava and/or intrusive (Cdqh).
	Cda	Andesitic intrusive or lava (Cda).
	Cdwd	Doleritic rocks forming sill-like bodies with asperitic features in places, within Mainwaring Group (Cdwd).

- Geological boundary – position accurate or approximate.
- Geological boundary – position inferred.
- Geological boundary inferred from aeromagnetic data.
- Fault – unspecified type, position accurate or approximate.
- Fault – unspecified type, inferred.
- Strike and dip of cleavage, type and relative age unspecified, parallel to bedding, facing unknown, vertical.
- Lineament visible in airborne magnetic data.
- 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.
- Strike and dip of cleavage, type and relative age unspecified – dipping, vertical.
- Strike and dip of cleavage, type and relative age unspecified, parallel to bedding, facing unknown, vertical.
- Strike and dip of cleavage, relative local age S2.
- Strike and dip of cleavage, relative local age S3, vertical.
- Strike and dip of crenulation cleavage.
- Strike and dip of penetrative cleavage.
- 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 hinge line of minor fold, unspecified relative age, with dip and dip direction of axial surface.
- Trend and plunge of hinge line of minor fold, relative local age F1.
- Trend and plunge of hinge line of minor fold, relative local age F2, with dip and dip direction of axial surface.
- Trend and plunge of mineral elongation lineation.
- Strike and dip of vein rock type or mineral specified by RCDBE in Point Attribute Table, vertical.
- Field station for adjacent readings on the map.
- Mineral deposit location – hardrock – data derived from Mineral Resources Tasmania (MRT) data base. Data point position has not been verified in every case.

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., 1988. Geological Atlas 1:50 000 Series, Sheet 7679125, Mungahony, with modifications based on aeromagnetic and alpha magnetometry.  
 B. PEMBERTON, J., VICARY, M.J., BRADBURY, J. and CORBETT, K.D., 1991. Geology of the Elliot Bay – Mt Oatland area. Map 10, Mt Read Volcanics Project, Department of Mines, Tasmania.  
 Updated by:  
 C. K.D. Corbett, 2004 as part of the Western Tasmanian Regional Minerals Program.



**REFERENCE THIS MAP AS:**  
 SEYMOUR, D.B. and GREEN, D. (compilers) 2004. Digital Geological Atlas 1:25 000 Scale Series, Sheet 3624, Veridian, Mineral Resources Tasmania.  
 Base data from the LIST, Copyright State of Tasmania.  
 Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.  
 GDAS4 - MGA Zone 55. Contour Interval: 20 metres.  
 GDA