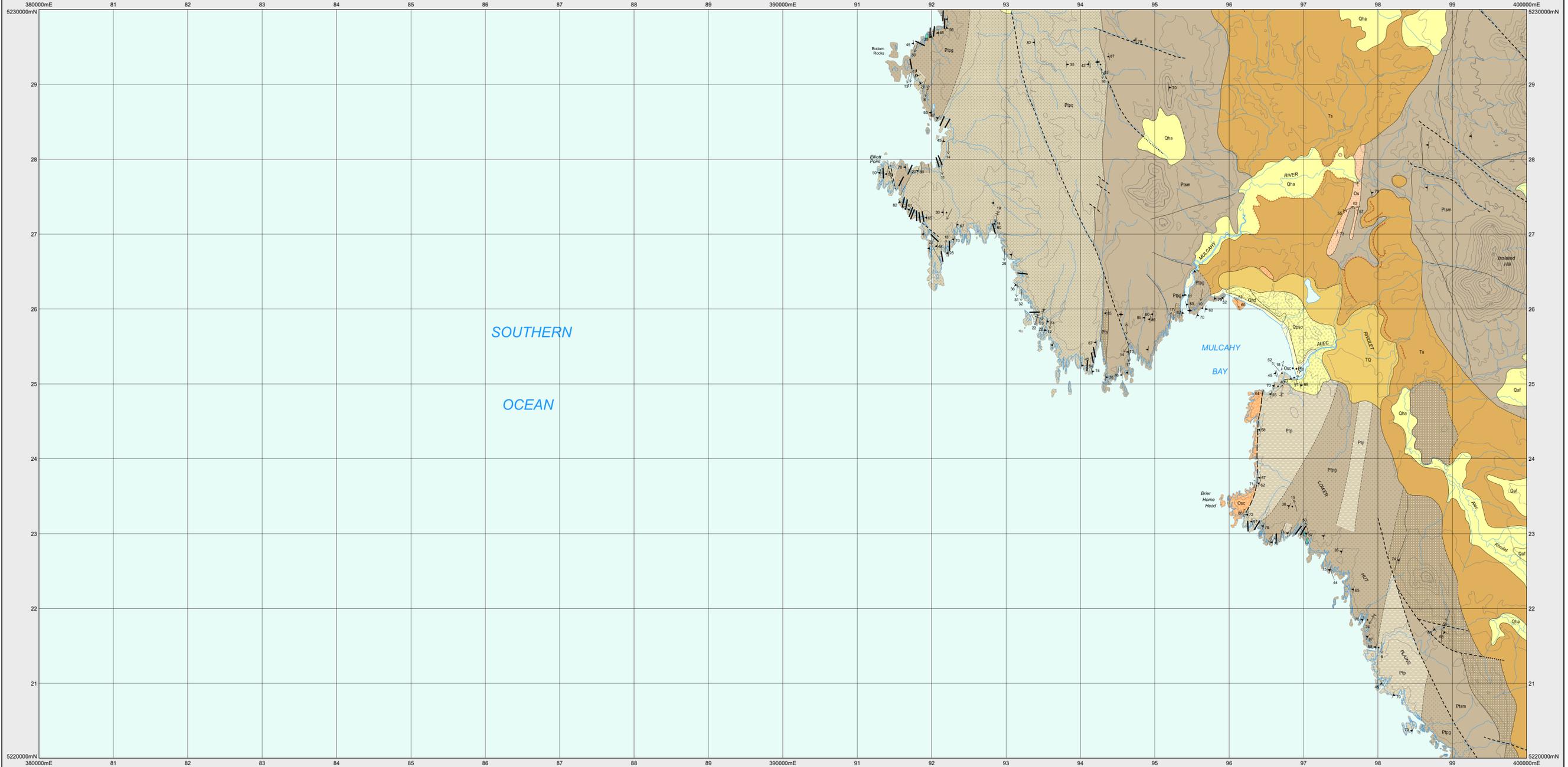


MULCAHY

Scale 1:25 000



SOUTHERN
OCEAN

CENOZOIC	
QUATERNARY	HOLOCENE
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhb	Beach sand (Qhb).
Qhd	Dune sand (Qhd).
Qaf	Alluvial fans (Qaf).
Qpsa	Older stabilised sand dunes (Qpsa).
TQ	Undifferentiated Cenozoic sediments (TQ).
Ts	Predominantly unconsolidated gravels, commonly rounded (Ts).

MESOPROTEROZOIC	
PALEOZOIC	
ORDOVICIAN	
Os	Predominantly grey quartz sandstone, commonly bioturbated or cross bedded. Minor coarse sandstone, pebbly sandstone and conglomerate at base. Probable corollate of Moine Sandstone (Os).
Osc	Mappable basal unit of interbedded granule-pebble conglomerate (Osc).
Ets	Dominantly quartzite (Ets).
Ptsm	Quartzite with interlayered quartz-mica and mica-quartz phyllite (Ptsm).
Etp	Phyllite and quartz-chist (Etp).
Ptp	Dominantly phyllite (Ptp).
Ptpg	Fine- to coarse-grained often thinly banded pellic, garnetiferous quartz-mica and mica-quartz schist, commonly containing phengite, biotite, almandine, stibite and chlorite. Minor gneiss, amphibolite and granite. Relatively high metamorphic grade (Ptpg).

TIVERNAN REGION
METASEDIMENTARY ROCKS

MESO-
PROTEROZOIC

IGNEOUS ROCKS

Eta	Amphibolite (Eta).
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CONTACTS

- Geological contact.
- Geological contact - inferred.
- Limit of mapping of sub-unit within undifferentiated rock unit.
- Limit of detailed mapping.

FAULTS

- Fault.
- Fault - inferred.
- Fault - concealed.

LINEARS

- Scarp.
- Lineament - visible on aerial photographs.

- Dip of geological contact of unspecified type.
- Strike and dip of bedding, facing unknown; vertical.
- Strike and dip of cleavage of unspecified type and relative age.
- Strike and dip of crenulation cleavage.
- Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface.
- Trend and plunge of minor fold hinge line, unspecified relative age, vergence dextral; vergence sinistral; symmetrical.
- Strike and dip of metamorphic foliation other than cleavage; vertical; parallel to compositional layering.
- Strike of outcrop-scale fault of unspecified type and relative age.
- Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified.
- Field station for adjacent readings on the map.
- Notable small outcrop with rock unit indicated.

SOURCE DIAGRAM



- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg. 1:25 000 map or equivalent detail).
- Regional systematic (eg. 1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by W.D.M. Hall and M.J. Vicary, 2006 from the following sources (see source diagram).

- A Hall, W.D.M. et al. 1999. 1:63 360 Geology Map, Broken Hill. Proprietary Company Limited, TCR 69_0555.
- B Limited traverses by W.D.M. Hall 2004-2005.
- C Air photograph interpretation by W.D.M. Hall and M.J. Vicary, 2006.

REFERENCE THIS MAP AS:

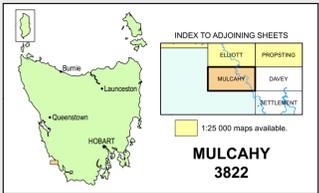
HALL, W.D.M. and VICARY, M.J. (compilers) 2006. Digital Geological Atlas 1:25 000 Scale Series. Sheet 3822 Mulcahy. Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.
Map produced by Spatial Information Services,
Mineral Resources Tasmania.
Website: www.mrt.tas.gov.au
GDA94 - MGA Zone 55. Contour Interval: 20 metres.



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LOCATION DIAGRAM



MULCAHY
3822