Department of Infrastructure Energy and Resources
MINERAL RESOURCES TASMANIA

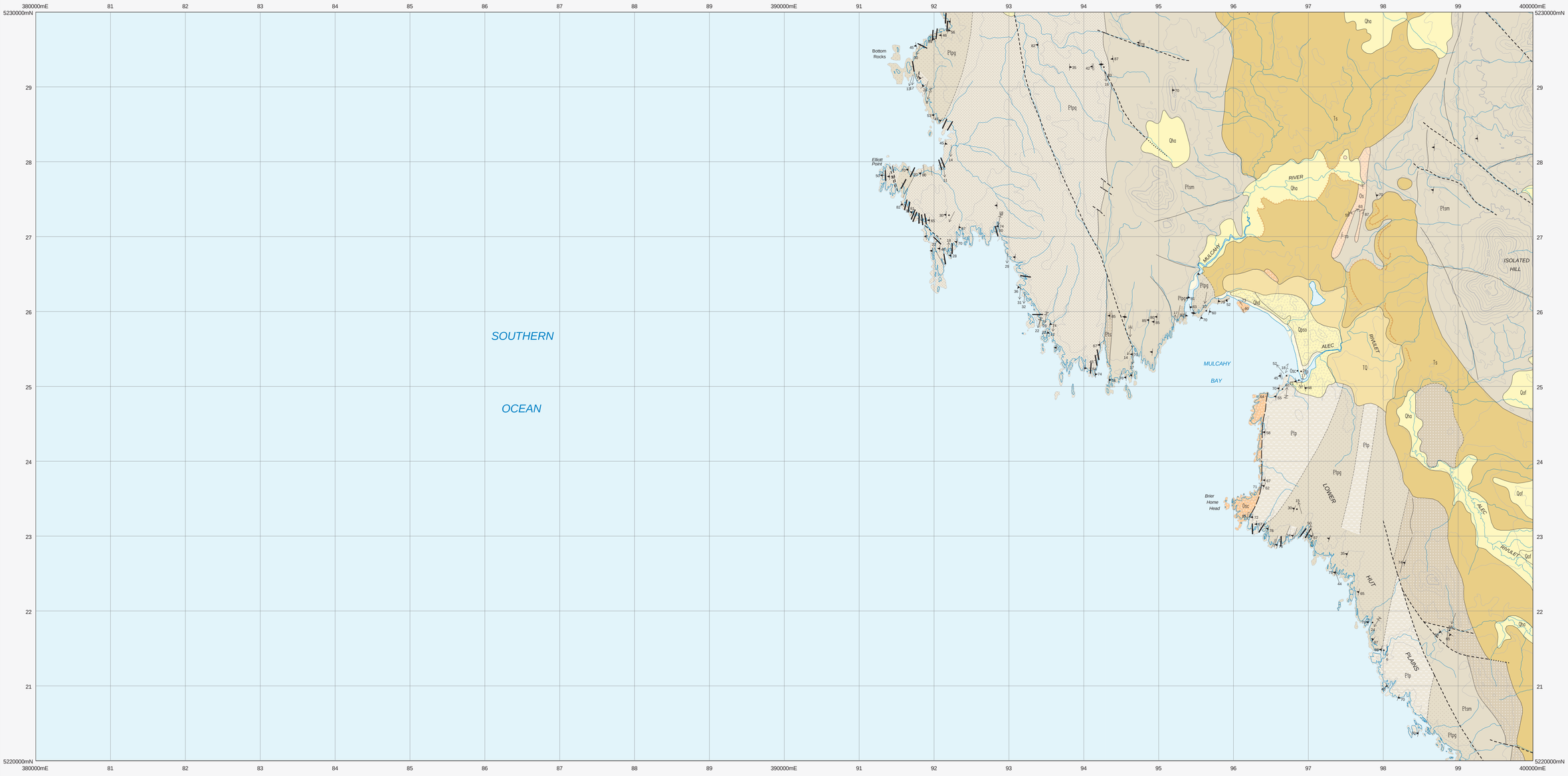
DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
MULCAHY, SHEET 3822

MULCAHY

Scale: 1:25 000

0 500 1000 1500 2000 2500m

Tasmania
Explore the possibilities



CENOZOIC

QUATERNARY

HOLOCENE

Qha	*Stream alluvium, swamp and marsh deposits (Qha).*
Qhb	*Beach sand (Qhb).*
Qhd	*Dune sand (Qhd).*

PLEISTOCENE

Qaf	*Alluvial fans (Qaf).*
Qpso	*Older stabilised sand dunes (Qpso).*
TQ	*Undifferentiated Cenozoic sediments (TQ).*

PALEOGENE – NEOGENE

Ts	*Predominantly unconsolidated gravels, commonly rounded (Ts).*

MESOPROTEROZOIC

PALEOZOIC — ORDOVICIAN — GORDON GROUP

Os	*Predominantly grey quartz sandstone, commonly bioturbated or cross bedded. Minor coarse sandstone, pebbly sandstone and conglomerate at base. Probable correlate of Moina Sandstone (Os).*
Osc	*Mappable basal unit of interbedded granule–pebble conglomerate (Osc).*

TYENNAN REGION METASEDIMENTARY ROCKS

Pts	*Dominantly quartzite (Pts).*
Ptsm	*Quartzite with interlayered quartz–mica and mica–quartz phyllite (Ptsm).*
Ptp	*Phyllite and quartz–schist (Ptpg). Dominantly phyllite (Ptp).*
Ptpg	*Fine– to coarse–grained, often thinly banded, pelitic, garnetiferous quartz–mica and mica–quartz schist, commonly containing phengite, biotite, almandine, albite and chlorite. Minor gneiss, amphibolite and granite. Relatively high metamorphic grade (Ptpg).*

MESO–PROTEROZOIC

IGNEOUS ROCKS

Pta	*Amphibolite (Pta).*

Geological boundary – position approximate.
Geological boundary – inferred.
Fault – position approximate.
Fault – inferred.
Fault – concealed.
Lineament visible on aerial photographs.
Scarp.
Limit of mapping.
(white line) Limit of mapping of sub–unit within undifferentiated rock unit.

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 type indicated.

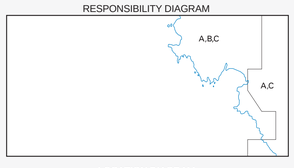
Compiled by W.D.M. Hall and M.J. Vicary, 2006 from the following sources (see responsibility diagram):

A Hall, W.D.M et al. 1969. 1 Inch:Mile De Witt Geological 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.

RESPONSIBILITY DIAGRAM



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 the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.

GDA94 – MGA Zone 55. Contour Interval: 20 metres.

GDA

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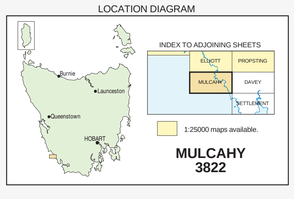
LOCATION DIAGRAM



Plotfile for this map generated from digital data as at: 01-FEB-2012

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