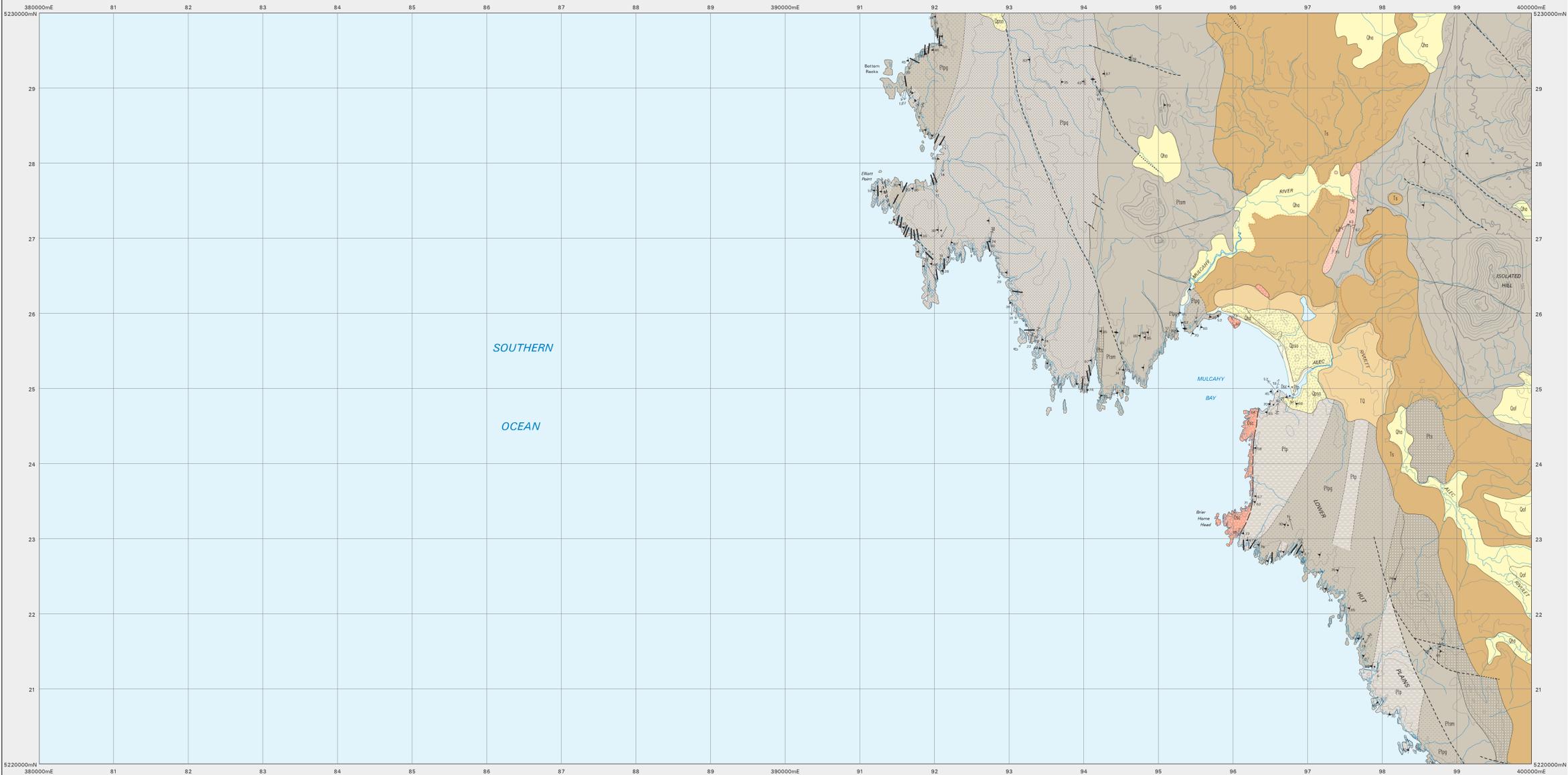


# MULCAHY

Scale: 1:25 000



MINERAL RESOURCES TASMANIA  
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES  
MULCAHY, SHEET 3822



CENOZOIC		PALEOZOIC		PROTEROZOIC	
QUATERNARY	HOLOCENE	ORDOVICIAN	DEVELOPING	MESOPROTEROZOIC	TASMANIA REGION METAMORPHIC ROCKS
Qha	Stream alluvium, swamp and marsh deposits (Qha).	Os	Predominantly grey quartz sandstone, commonly bioturbated or cross bedded. Minor coarse sandstone, pebbly sandstone and conglomerate at base. Probable correlate of Alton Sandstone (Os).	Etp	Dominant quartzite (Etp).
Qhb	Beach sand (Qhb).	Osc	Mappable basal unit of interbedded gravel-pebble conglomerate (Osc).	Etm	Quartzite with interlayered quartz-mica and mica-quartz phyllite (Etm).
Qhd	Dune sand (Qhd).			Etp	Phyllite and quartz-schist (Etp).
Qaf	Alluvial fans (Qaf).			Etp	Dominant phyllite (Etp).
Qpsa	Older stabilised sand dunes (Qpsa).			Etpg	File - to coarse-grained, often finely banded, pelitic, garnetiferous quartz-mica and mica-quartz schist, commonly containing phengite, biotite, zircon, ilmenite and chlorite. Minor gneiss, amphibolite and granite. Relatively high metamorphic grade (Etpg).
TQ	Undifferentiated Cenozoic sediments (TQ).				
Ts	Predominantly unconsolidated gravels, commonly rounded (Ts).				

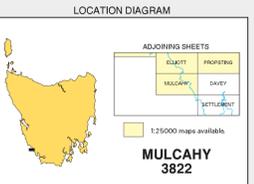
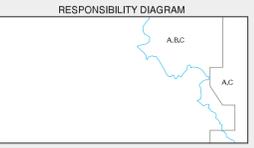
IGNEOUS ROCKS	
Eto	Amphibolite (Eto).

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

↗ ↘	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 resources 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. Vicary, M.J. 2006 (Compiles). Digital Geological Atlas 1:25,000 Series, Sheet 3822, Mulcahy, Mineral Resources Tasmania.  
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 Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software.  
 AOD68 - AMG Zone 55. Contour Interval: 20 metres.  
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