



CENOZOIC	
Q	Undifferentiated Quaternary sediments (Q). Stream alluvium, swamp and marsh deposits (Qha).
Q	Talus, till and scree of probable Pleistocene age (Qpt).
Qp	Pleistocene moraine and associated deposits (Qp).
Ts	Predominantly unconsolidated gravels, commonly rounded (Ts).
SD	Shallow marine quartz sandstone, siltstone and shale (SD).
Os	Predominantly grey quartz sandstone, commonly bioturbated or cross bedded. Minor coarse sandstone, pebbly sandstone and conglomerate at base. Probable correlate of Moira Sandstone (Os).

MESOPROTEROZOIC	
Pts	Metamorphic rocks, dominantly metaquartzite and metapelite (Pts). Dominantly quartzite (Pts). Platy or schistose micaceous quartzite (Pts).
Pt	Quartzite with interlayered quartz-mica and mica-quartz phyllite (Pt).
Pt	Dominantly phyllite (Pt).
Pt	Green quartz-chlorite-mica phyllite (Pt).
Pt	Phyllite and quartz-schist (Pt).
Pt	Quartz-mica and mica-quartz phyllite of predominantly light to dark-grey colour (Pt).

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

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

LINEARS	
—	Axial surface trace of major antiform.
—	Axial surface trace of major synform.
—	Axial surface trace of major F ₁ antiform.
—	Moraine ridge crest.
—	Scarp.
—	Lineament - visible on aerial photographs.

STRIKE AND DIP OF BEDDING - RIGHT WAY UP; FACING UNKNOWN.	
—	Strike of vertical cleavage of unspecified type and relative age.
—	Strike and dip of cleavage or foliation, relative local age S ₁ ; S ₂ ; S ₃ ; S ₄ ; S ₅ .
—	Trend and plunge of minor fold hinge line, relative local age F ₁ ; F ₂ ; F ₃ .
—	Trend of horizontal minor fold hinge line, relative age F ₄ .
—	Strike and dip of dominant joint set, vertical.
—	Strike and dip of metamorphic foliation other than cleavage, vertical.
—	Generalised paleocurrent direction, showing sense of movement.
—	Field station for adjacent readings on the map.



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

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

A. BOLTER, C.A., 1978. The structure and metamorphic history of the Wilnot and Frankland Ranges, Southwest Tasmania. PhD thesis, University of Tasmania.

B. TURNER, N.J., McLENAUGHAN, M.P., McLENAUGHAN, J., BROWN, A.V., 1985. Geological Atlas 1:50 000 Series, Sheet (81125), Postler, Tasmania Department of Mines.

C. HALL, W.D.M. et al., 1969. 1 inch Mile De Wit Geological Map, Broken Hill Proprietary Company Limited, TCR 69-0555.

D. Limited traverses by W.D.M. HALL and M.J. VICARY, 2006.

E. 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 4024 Rookery, 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.

