

# WINGS

Scale: 1:25 000



CENOZOIC	
QUATERNARY	Qha Stream alluvium, swamp and marsh deposits (Qha).
PLIOCENE	Qpl1 Talus, till and scree of probable Pleistocene age, dominantly sandstone derived (Qpl1).
	Qpl2 Talus, till and scree of probable Pleistocene age, dominantly conglomerate derived (Qpl2).
Pleistocene	CPong Lower marine shallow-water quartz sandstone with worm casts; minor basal conglomerate (CPong).
	COdq Undifferentiated fossiliferous calcareous sandstone, siliceous turbidite quartzite, siltstone, mudstone and conglomerate (COdq).
MESOZOIC	Cam Massive serpentine (Cam).
	Ccwa Interbedded chert, siliceous sandstone, siltstone and pyritic mudstone, pinnacled angular unconformity on Ccw and older units (Ccwa).
Cambrian	Ccwa Dominantly banded chert (Ccwa).
	Ccwa Dominantly pyritic mudstone in zone of cataplasia (Ccwa).
Tribonian/Cambrian	Ccw Pebbly quartz sandstone, notably quartz rich (Ccw).
	Ccw Micaceous lithic sandstone of metamorphic and volcanic provenance, mudstone, red mudstone and minor chert (Ccw).
Tribonian/Cambrian	Cwlc Feldspathic wacke with common chert interlayers (Cwlc).

MESOPROTEROZOIC - NEOPROTEROZOIC	
Pt	Massive quartz sandstone, notably quartz rich (Wings Sandstone) (Pt).
Pcr	Red siltstone and mudstone (Pcr), with interbedded sandstone layers (Pcr).
Pts	Metamorphic rocks, dominantly metaquartzite and metapelite (Pts).
Ptm	Dominantly quartzite (Ptm), with interlayered quartz-mica and mica-quartz phyllite (Ptm).
Ptsl	Platy or schistose micaceous quartzite (Ptsl).
Ptpa	Light green-grey quartz-mica and mica-quartz phyllite (Ptpa), with local occurrences of carbonate (Ptpa).
Ptpo	Blue-grey quartz-mica and mica-quartz phyllite (Ptpo), epidote-chlorite bearing with abite paragonite (Ptpo), with local occurrences of hematite-chlorite bearing phyllite with abite and minor calcite paragonite (Ptpo).
Ptpob	Block carbonaceous mica phyllite (Ptpob).
Ptpol	Banded ironstone (Ptpol).
Pta	Chlorite-actinolite-epidote-abbite schist (Altkins Range Amphibolite) (Pta).

MESO-PROTEROZOIC - MESOZOIC	
Kal	Local occurrence of Lamprophyre at 420250mE, 5274460mN (Kal).
Cg	Gabbro (Cg) (tectonostratigraphic affinity uncertain).
Cam	Massive serpentine (Cam).
Pta	Chlorite-actinolite-epidote-abbite schist (Altkins Range Amphibolite) (Pta).

IGNEOUS ROCKS	
Symbol	Description
Symbol	Strike and dip of bedding right way up; overturned; facing unknown.
Symbol	Strike of vertical bedding, facing unknown.
Symbol	Strike and dip of cleavage of unspecified type and relative age; vertical.
Symbol	Strike and dip of crenulation cleavage; vertical.
Symbol	Strike and dip of cleavage, relative local age S1, vertical.
Symbol	Strike and dip of cleavage, relative local age S2, vertical.
Symbol	Strike and dip of cleavage, relative local age S3, vertical.
Symbol	Strike and dip of dominant joint set.
Symbol	Trend and plunge of minor fold hinge line, unspecified relative age; with dip and dip direction of axial surface; with vertical axial surface; vergence distal.
Symbol	Trend and plunge of minor fold hinge line, relative local age F1, with dip and dip direction of axial surface; with vertical axial surface; vergence distal.
Symbol	Trend and plunge of minor fold hinge line, relative local age F2, with dip and dip direction of axial surface; with vertical axial surface; vergence distal.
Symbol	Trend and plunge of minor fold hinge line, relative local age F3, with dip and dip direction of axial surface; with vertical axial surface; vergence distal.
Symbol	Trend and plunge of minor fold hinge line, relative local age F4, with dip and dip direction of axial surface; with vertical axial surface; vergence distal.
Symbol	Field station for equipment readings on the map.
Symbol	Notable small outcrop with rock unit indicated.
Symbol	Mineral deposit location - hardrock.
Symbol	Mineral deposit location - alluvial/tailings.
Symbol	Construction material/industrial mineral/gemstone location.

Compiled by M.J. Vicary, B.Sc. (Hons), 2007 from the following sources (see responsibility diagram):  
A. BROWN, A.V., MCLINAGHAN, M.P., TURNER, N.J., BAILLIE, P.W., MCLINAGHAN, J., LENOX, P.G., WILLIAMS, P.R. 1990. Geological Atlas 1:50 000 Series, Sheet 73 (812N), Hurley.

BOUNDARIES AND FEATURES	
Symbol	Geological boundary - position accurate or approximate.
Symbol	Geological boundary - inferred.
Symbol	Transitional geological boundary - position approximate.
Symbol	Fault - position accurate or approximate.
Symbol	Fault - inferred.
Symbol	Fault - position accurate or approximate, downthrow side indicated.
Symbol	Thrust fault - position accurate or approximate, teeth on upper plate.
Symbol	Thrust fault - inferred, teeth on upper plate.
Symbol	Limit of mapping of sub-unit within undifferentiated rock unit.

REFERENCE THIS MAP AS:  
VICARY, M.J. (compiler) 2007. Digital Geological Atlas 1:25 000 Scale Series, Sheet 4227. Wings, 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.



While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability from or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data. Crown copyright reserved.

