

# SOLITARY

Scale: 1:25 000



MINERAL RESOURCES TASMANIA  
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES  
SOLITARY, SHEET 4224



CENOZOIC	
QUATERNARY	
Qho	Stream alluvium, swamp and marsh deposits (Qho).
Qpt	Talus of Proterozoic orthoquartzite (Qpt).
Angular unconformity	
PROTEROZOIC	
MESOPROTEROZOIC	
Pta	Quartzite (Pta) with well developed current bedding (Pta).
Pta	Quartzite with flaggy and platy parting (Pta).
Pta	Ploty or schistose micaceous quartzite (Pta).
Ptp	Undifferentiated phyllite (Ptp); light green-grey quartz-mica and mica-quartz phyllite (Ptp).

—	Geological boundary - position approximate
- - -	Geological boundary - inferred
- - - - -	Fault - position approximate
- - - - -	Fault - inferred
.....	Fault - conceded
(White line)	Limit of mapping of sub-unit within undifferentiated rock unit ('colour boundary')
○	Axial surface trace of major F1 anticline
×	Axial surface trace of major F1 syncline
+	Axial surface trace of major F4 synform
+	Axial surface trace of major F4 antiform

↘ ↙	Strike and dip of bedding right way up; overturned, vertical, facing unknown; facing unknown.
↘ ↙	Strike and dip of cleavage of unspecified type and relative age.
↘ ↙	Strike and dip of cleavage with relative local age - S1, S2, S3, S4, S5.
↘ ↙	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.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F1.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F1; vergence dextral; symmetrical.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F2; with dip and dip direction of axial surface.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F3.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F4.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F4; vergence dextral; vergence sinistral.
↘ ↙	Trend and plunge of minor fold hinge line, relative local age F5.
•	Field station for adjacent readings on the map.

Compiled by M.P.McClenaghan, 2007 from the following source (see responsibility diagram):  
A. TURNER, N.J. CALVER, C.R. McCLINAGHAN, M.F. BROWN A.V. & LEMMON, P.H. 1985. Geological Atlas 1:50 000 series, sheet 80 (B1125). Publisher: Tasmania Department of Mines.

**REFERENCE THIS MAP AS:**  
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Base data from the LIST, Copyright State of Tasmania.  
Map produced by the Data Management Branch of Mineral Resources Tasmania using GIS software.  
AOD64 - AMG Zone 55. Contour Interval: 20 metres.

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### RESPONSIBILITY DIAGRAM



### LOCATION DIAGRAM

