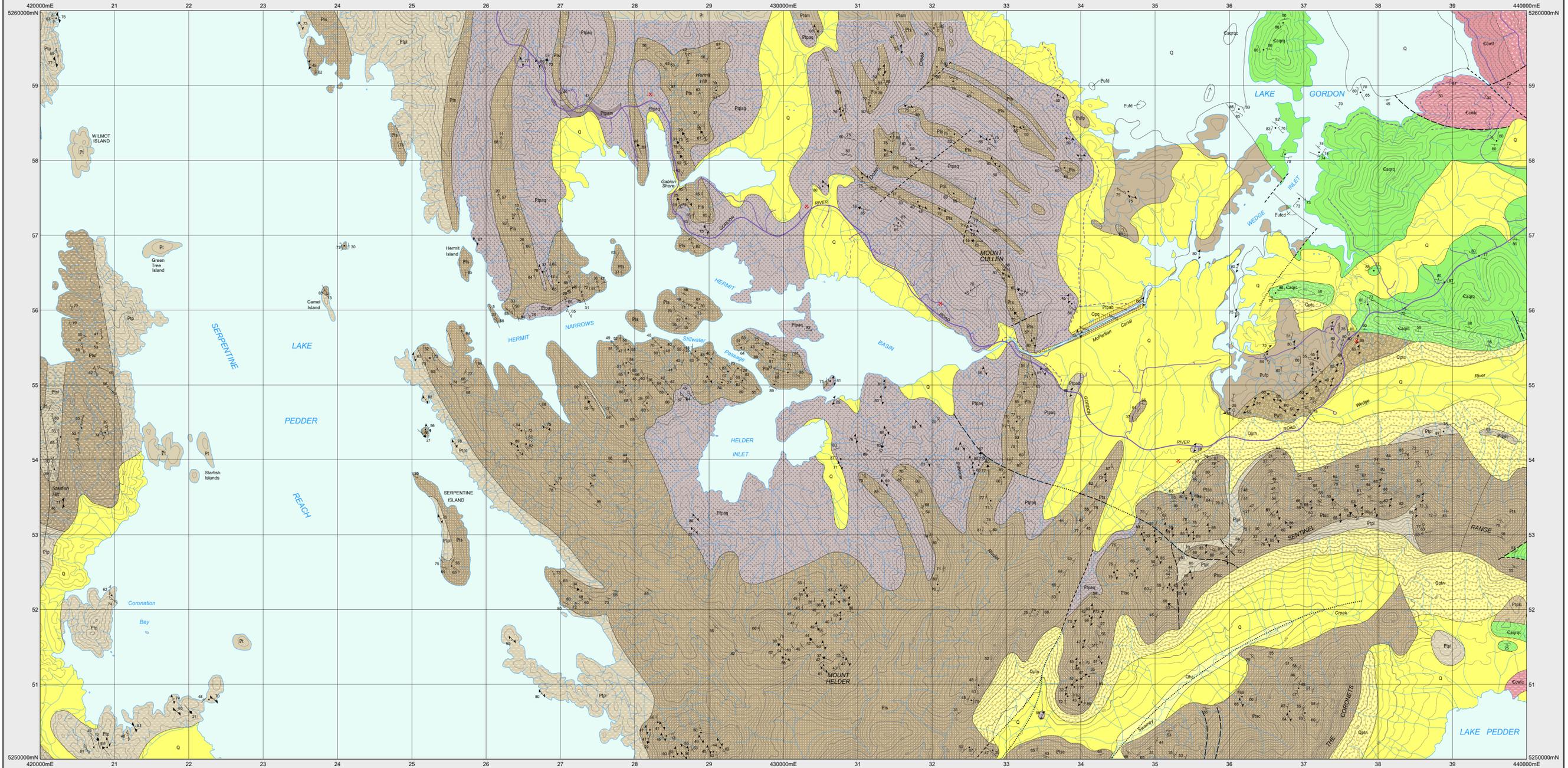


# MCPARTLAN

Scale 1:25 000



CENOZOIC	
QUATERNARY	<p><b>Qha</b> Undifferentiated Quaternary sediments (Q). Stream alluvium, swamp and marsh deposits (Qha).</p> <p><b>Q</b> Talus of Proterozoic orthoquartzite (Qpr); of conglomerate (Qpc).</p> <p><b>Qp</b> Alluvium of dominantly well-sorted metaquartzite cobbles (Qpc).</p> <p>----- Angular unconformity.</p>
PALEOZOIC	<p><b>Ccapq</b> <b>Ccaprc</b> Quartzite, lithonacle with predominantly metasedimentary and minor chert grains, and interbedded grey-green mudstone and fossiliferous siltstone (Ccapq); subordinate pebble conglomerate (Ccaprc) within unit Ccapq.</p> <p><b>Ccapc</b> Well-sorted, granule- to boulder-conglomerate with predominantly siliceous metasedimentary and rare chert clasts, and interbedded fine- to coarse-grained sandstone, siliceous wacke and siltstone with fossils (Ccapc).</p> <p>----- Angular unconformity on Proterozoic units.</p> <p><b>Ccwf</b> Feldspathic wacke with common, very coarse grains of muscovite and grains of garnet and biotite, interlayered with grey-green mudstone and minor feldspathic wacke, red mudstone, chert and fine-grained, basic igneous rock (Ccwf).</p> <p><b>Ccwc</b> Feldspathic wacke with common chert interlayers (Ccwc).</p> <p><b>Ccwb</b> Predominantly interlayered red mudstone, chert, basaltic tuff and basalt. Small coriander bodies present (Ccwb).</p> <p>----- Faulted contacts.</p>

MESOPROTEROZOIC	
TYENNAN REGION METASEDIMENTARY ROCKS	<p><b>Pufc</b> Silicified, brecciated, foliated? Carbonate (Pufc).</p> <p><b>Pulp</b> Dominantly phyllite commonly containing chlorite/muscovite porphyroblasts, with minor quartzite (Pulp).</p> <p><b>Pufc</b> <b>Pufcd</b> Foliated, poorly-sorted conglomerate with clasts of orthoquartzite, interlayered with pebbly and cobbly micaceous quartzite, graded beds of micaceous quartzite and phyllite (Pufc). Foliated, poorly-sorted conglomerate with clasts of quartzite, chert and carbonate (Pufcd).</p> <p><b>Pts</b> <b>Ptsf</b> <b>Ptsm</b> Metamorphic rocks, dominantly metaquartzite and metapelite (Pt). Quartzite (Pts), with well developed current bedding (Ptsf). With flaggy and platy parting (Ptf). With interlayered quartz-mica and mica-quartz phyllite (Ptfsm).</p> <p><b>Ptsa</b> Platy or schistose micaceous quartzite (Ptsa).</p> <p><b>Pt</b> <b>Ptprc</b> <b>Ptpic</b> Dominantly phyllite (Pt). Light green-grey quartz-mica and mica-quartz phyllite (Ptprc); with minor carbonate (Ptpic).</p> <p><b>Ptp</b> <b>Ptpaq</b> Quartz-mica and mica-quartz phyllite of predominantly light- to dark-grey colour (Ptpaq).</p> <p><b>Ptpab</b> Black carbonaceous mica phyllite (Ptpab); with minor carbonate (Ptpac).</p> <p><b>Ptpam</b> Green quartz-chlorite-mica phyllite (Ptpam).</p>

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 F <sub>1</sub> synform.

	Strike and dip of bedding, right way up, overturned.
	Strike and dip of bedding, facing unknown; vertical.
	Strike and dip of cleavage of unspecified type and relative age; vertical.
	Strike and dip of cleavage, relative local age S <sub>1</sub> ; vertical.
	Strike and dip of cleavage, relative local age S <sub>2</sub> ; vertical.
	Strike and dip of cleavage, relative local age S <sub>1</sub> ; S <sub>2</sub> ; vertical; S <sub>1</sub> .
	Trend and plunge of minor fold hinge line, unspecified relative age, with dip and dip direction of axial surface; vergence dextral; vergence sinistral.
	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, relative local age F <sub>1</sub> ; with dip and dip direction of axial surface.
	Trend and plunge of minor fold hinge line, relative local age F <sub>2</sub> ; with dip and dip direction of axial surface.
	Trend and plunge of minor fold hinge line, relative local age F <sub>1</sub> ; with vergence sinistral.
	Trend and plunge of minor fold hinge line, relative local age F <sub>1</sub> .
	Field station for adjacent readings on the map.
	Construction material/industrial mineral/pegmatite location.

**SOURCE DIAGRAM**

**REFERENCE THIS MAP AS:**  
McClennaghan, M.P. (compiler) 2007. Digital Geological Atlas 1:25 000 Scale Series, Sheet 4225 MCPARTLAN, 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.

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.

**REFERENCE THIS MAP AS:**  
McClennaghan, M.P. (compiler) 2007. Digital Geological Atlas 1:25 000 Scale Series, Sheet 4225 MCPARTLAN, 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.

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.

**REFERENCE THIS MAP AS:**  
McClennaghan, M.P. (compiler) 2007. Digital Geological Atlas 1:25 000 Scale Series, Sheet 4225 MCPARTLAN, 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.

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.

**LOCATION DIAGRAM**

**INDEX TO ADJOINING SHEETS**

SERPENTINE	STRATHGORDON	ADAMSFIELD
VIEW	MCPARTLAN	BOWEN
ROOKERY	SOLITARY	ANNE

1:25 000 maps available.

**MCPARTLAN 4225**