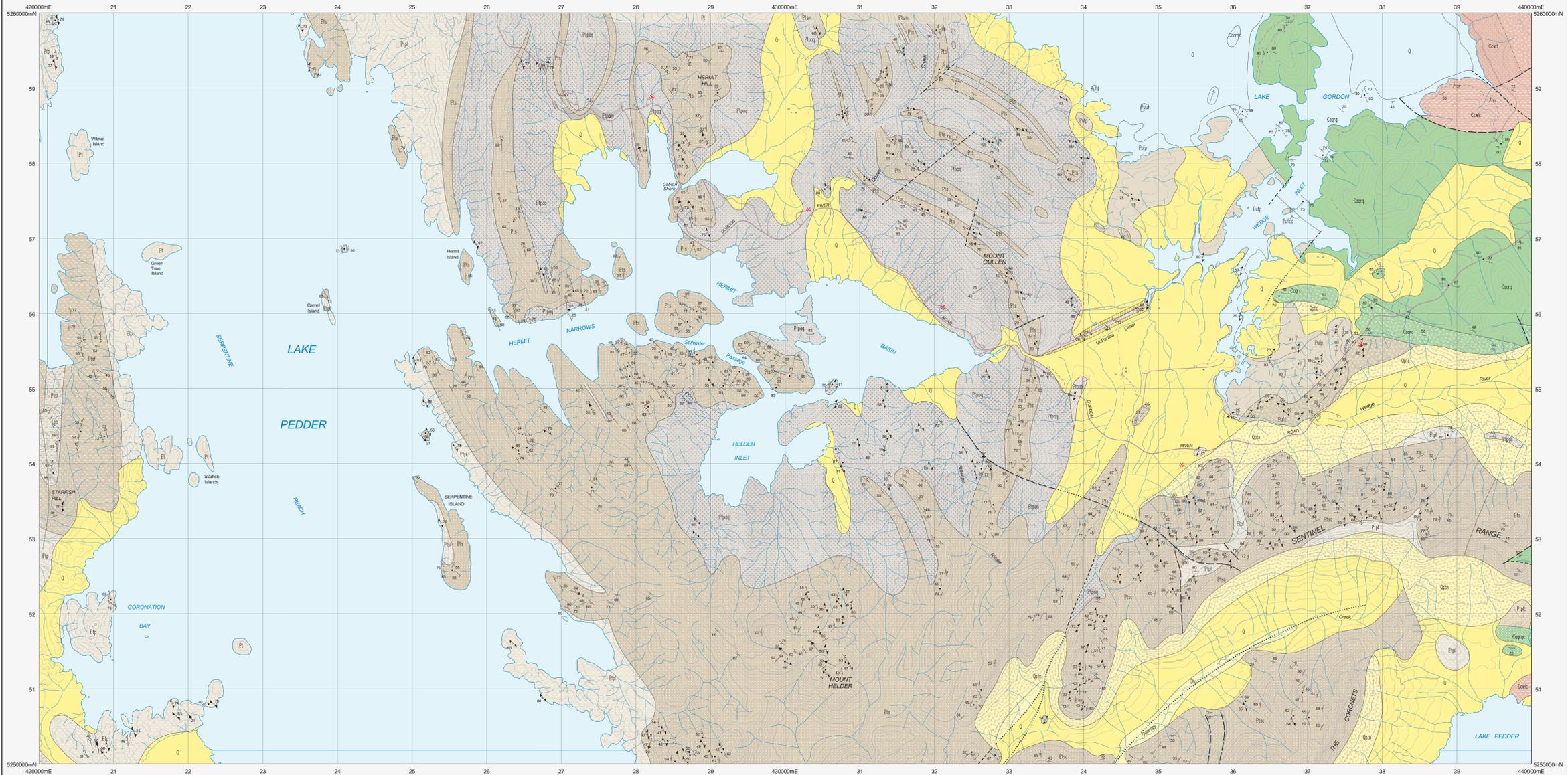


MCPARTLAN

Scale: 1:25 000



CENOZOIC	
QUATERNARY	
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Q	Taka of Proterozoic orthoquartzite (Q _{ort}), of conglomerate (Q _{lc}).
Q _{ca}	Alluvium of dominantly well-sorted metagranite cobbles (Q _{ca}).
Angular unconformity.	
PALEOZOIC	
CAMBRIAN	
TERRESTRIAL/SHALLOW MARINE (CORRELATIVE OF CLEVELAND-CORNER/ROBERTSON)	
Cca1	Quartzite wacke with common, very coarse grains of muscovite and grains of garnet and biotite, interlayered with grey-green mudstone and minor felspathic wacke, red mudstone, chert and fine-grained, basic igneous rock (Cca1).
Cca2	Felspathic wacke with common chert interlayers (Cca2).
Cca3	Predominantly interlayered red mudstone, chert, basaltic tuff and basalt. Small dolerite bodies present (Cca3).
Faulted contacts.	
MARINE (CORRELATIVE OF CLEVELAND-CORNER/ROBERTSON)	
Cca4	Quartzite wacke with common, very coarse grains of muscovite and grains of garnet and biotite, interlayered with grey-green mudstone and minor felspathic wacke, red mudstone, chert and fine-grained, basic igneous rock (Cca4).
Cca5	Felspathic wacke with common chert interlayers (Cca5).
Cca6	Predominantly interlayered red mudstone, chert, basaltic tuff and basalt. Small dolerite bodies present (Cca6).

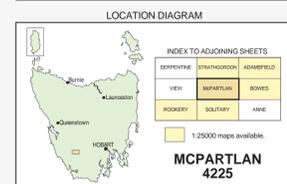
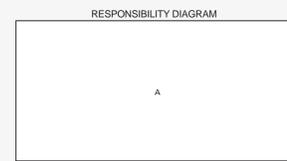
MESO-PROTEROZOIC	
Eufd	Silicified, brecciated, foliated? Carbonate (Eufd).
Eufp	Dominantly phyllite commonly containing chlorite/muscovite porphyroblasts, with minor quartzite (Eufp).
Eufc	Foliated, poorly-sorted conglomerate with clasts of orthoquartzite, interlayered with pebbly and coarsely micaceous quartzite, graded beds of micaceous quartzite and phyllite (Eufc).
Eufd	Foliated, poorly-sorted conglomerate with clasts of quartzite, chert and carbonate (Eufd).
TYNNAN REGION METASEDIMENTARY ROCKS	
Pts	Quartzite (Pts), with foggy and platy parting (Etp), with interlayered quartz-mica and mica-quartz phyllite (Etm), with well developed current bedding (Etc).
Etm	Platy or schistose micaceous quartzite (Etm).
Pt	Light green-grey quartz-mica and mica-quartz phyllite (Pt), with minor carbonate (Etp).
Ptp	Quartz-mica and mica-quartz phyllite of predominantly light- to dark-grey colour (Ptp).
Etp	Block carbonaceous mica phyllite (Etp), with minor carbonate (Etp).
Etpm	Green quartz-chlorite-mica phyllite (Etpm).

—	Geological boundary - position approximate.
- - - - -	Geological boundary - inferred.
- . - . -	Fault - position approximate.
- - - - -	Fault - inferred.
- . - . -	Fault - concealed.
—	Axial surface trace of major F3 synform.
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit.

↗ ↘	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 S1, vertical.
↗ ↘	Strike and dip of cleavage, relative local age S2, vertical.
↗ ↘	Strike and dip of cleavage, relative local age S3, S4.
↗ ↘	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; with vertical axial surface.
↗ ↘	Trend and plunge of minor fold hinge line, relative local age F1; with dip and dip direction of axial surface.
↗ ↘	Trend and plunge of minor fold hinge line, relative local age F2, with dip and dip direction of axial surface; vergence dextral; vergence sinistral.
↗ ↘	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, with dip and dip direction of axial surface.
↗ ↘	Trend and plunge of minor fold hinge line, relative local age F3, vergence sinistral.
↗ ↘	Trend and plunge of minor fold hinge line, relative local age F4.
*	Field station for adjacent readings on the map.
✗	Contaminated material/industrial - Data derived from Mineral Resources Tasmania DEP0153 distribution. Data point location has not been verified in every case.

Compiled by M.P. McClenaghan, B.Sc.(Hons), Ph.D., 2007 from the following source (see responsibility diagram):

A. TURNER, N.J. CALVER, C.R. MCLENNAGHAN, M.P. BROWN A.V. & LENOX, P.G. 1985. Geological Atlas 1:50 000 Series, Sheet 80 (B1125), Pedder, Tasmanian Department of Mines.



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GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

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