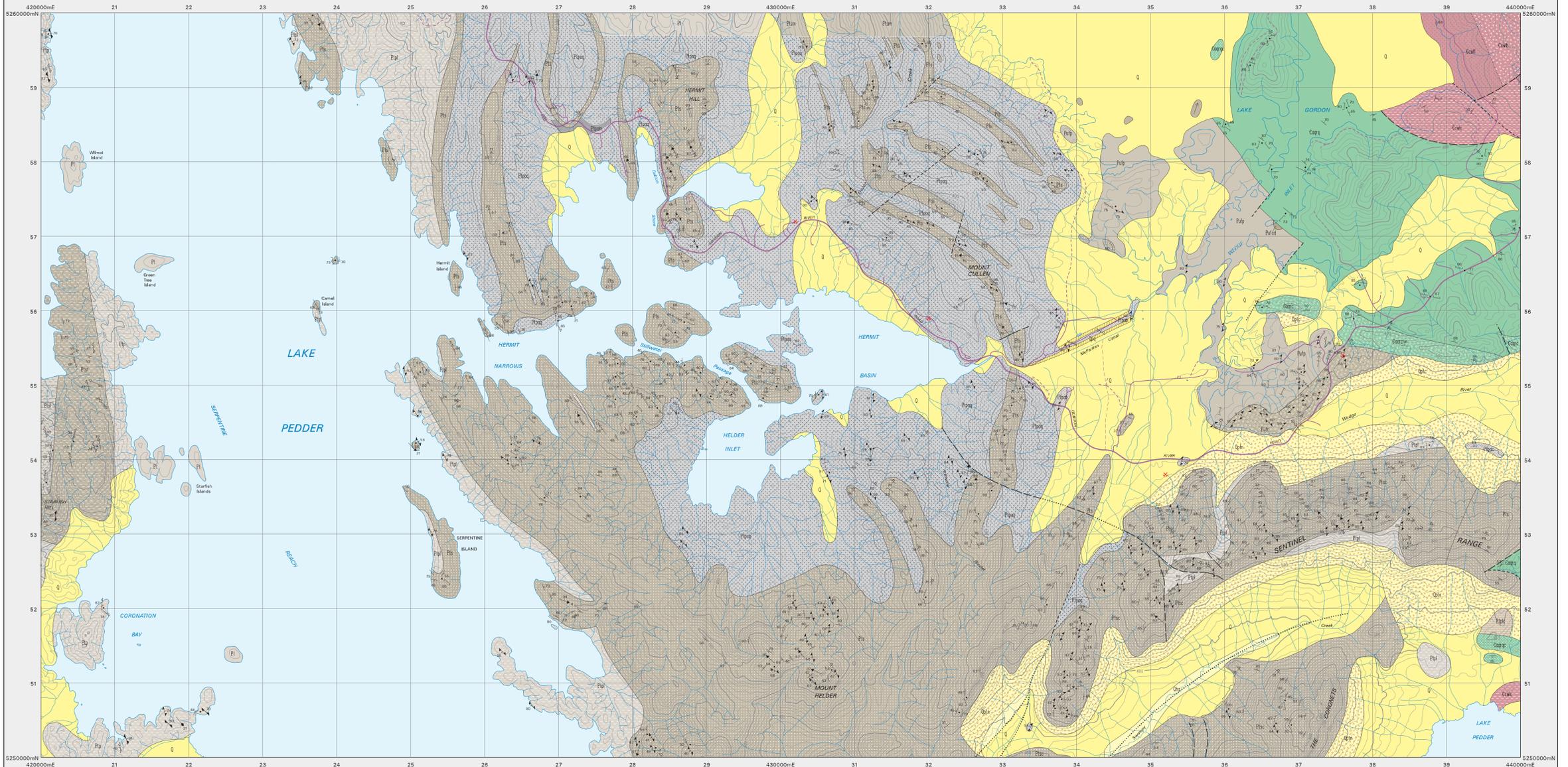


McPARTLAN

Scale: 1:25 000



CENOZOIC	
QUATERNARY	<p>Qho Stream alluvium, swamp and marsh deposits (Qho).</p> <p>Qc Talus of Proterozoic orthoquartzite (Qpn); or conglomerate (Qbc).</p> <p>Qal Alluvium of dominantly well-sorted metaquartzite cobbles (Qac).</p> <p>Angular unconformity</p>
MIDDLE CAMBRIAN	<p>Cocra Quartzite (Cicr) with predominantly metasedimentary and minor chert grains, and interbedded gray-green mudstone and fossiliferous siltstone (Cocg); subordinate pebble conglomerate (Cocpc) within unit Ccgr.</p> <p>Ccra 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 (Cccr).</p> <p>Angular unconformity on Proterozoic units.</p>
PALEOZOIC	<p>Ccwf Feldspathic wacke with common, very coarse grains of muscovite and grains of garnet and biotite, interlayered with gray-green mudstone and minor feldspathic wacke, red mudstone, chert and fine-grained, basic igneous rock (Ccwfi).</p>
	<p>Ccwc Feldspathic wacke with common chert interlayers (Ccwci).</p>
	<p>Ccwb Predominantly interlayered red mudstone, chert, basaltic tuff and basalt. Small dolomite bodies present (Ccwbi).</p>

TITIAL RIDGE BEDS

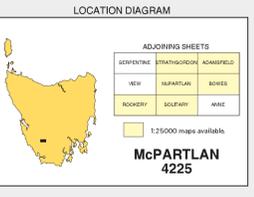
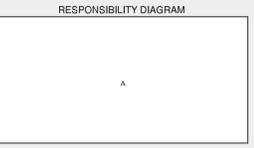
PROTEROZOIC	
MESOPROTEROZOIC	
Eufc	Silicified, brecciated, foliated? Carbonate (Eufc).
Eufp	Dominantly phyllite commonly containing chlorite/muscovite porphyroblasts, with minor quartzite (Eufq).
Eufd	Foliated, poorly-sorted conglomerate with clasts of orthoquartzite, interlayers with pebbly and cobbly micaceous quartzite, graded beds of micaceous quartzite and phyllite (Eufg).
Eufb	Foliated, poorly-sorted conglomerate with clasts of quartzite, chert and carbonate (Eufb).
Ptst	Quartzite (Ptst), with tuff and poly parting (Ptstt), with interlayered quartz-mica and mica-quartz phyllite (Ptstq), with well developed current bedding (Ptstc).
Ptsc	Platy or schistose micaceous quartzite (Ptsc).
Ptsp	Light green-grey quartz-mica and mica-quartz phyllite (Ptsp), with minor carbonate (Ptspc).
Ptpe	Quartz-mica and mica-quartz phyllite of predominantly light- to dark-grey colour (Ptpea).
Ptpp	Black carbonaceous mica phyllite (Ptppa), with minor carbonate (Ptppc).
Ptpm	Green quartz-chlorite-mica phyllite (Ptpm).

TYNNAN REGIONAL BASEMENT ROCKS

- Geological boundary - position approximate
- Geological boundary - inferred
- Fault - position approximate
- Fault - inferred
- Fault - concealed
- Limit of mapping of sub-unit within undifferentiated rock unit (colour boundary)
- Axial surface trace of major F3 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 S1; vertical.
- Strike and dip of cleavage, relative local age S2; vertical.
- Strike and dip of cleavage, relative local age S3.
- Strike and dip of cleavage, relative local age S4.
- Trend and plunge of minor fold hinge line, unspecified relative age, vergence distral; vergence sinistral.
- Trend and plunge of minor fold hinge line, unspecified relative age, with dip and direction of axial surface, vergence distral; vergence sinistral.
- Trend and plunge of minor fold hinge line, unspecified relative age, with dip and direction of axial surface.
- Trend and plunge of minor fold hinge line, relative local age F1, with dip and direction of axial surface.
- Trend and plunge of minor fold hinge line, relative local age F2, vergence sinistral.
- Trend and plunge of minor fold hinge line, relative local age F2, with dip and direction of axial surface.
- Trend and plunge of minor fold hinge line, relative local age F3, with dip and 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, with dip and direction of axial surface.
- Field station for adjacent readings on the map.
- Construction materials location - Data derived from Mineral Resources Tasmania (MRT) 2005/05 data base. Data point position has not been verified in every case.

Compiled by M.P.McClenaghan, 2007 from the following source (see responsibility diagram):
A. TURNER, N.J. CALVER, C.R. McCLINAGHAN, M.P. BROWN A.V. & LEMMON, P.H. 1985. Geological Atlas 1:25 000 series, sheet 80 (B112)5. Publisher: Tasmania Department of Mines.



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