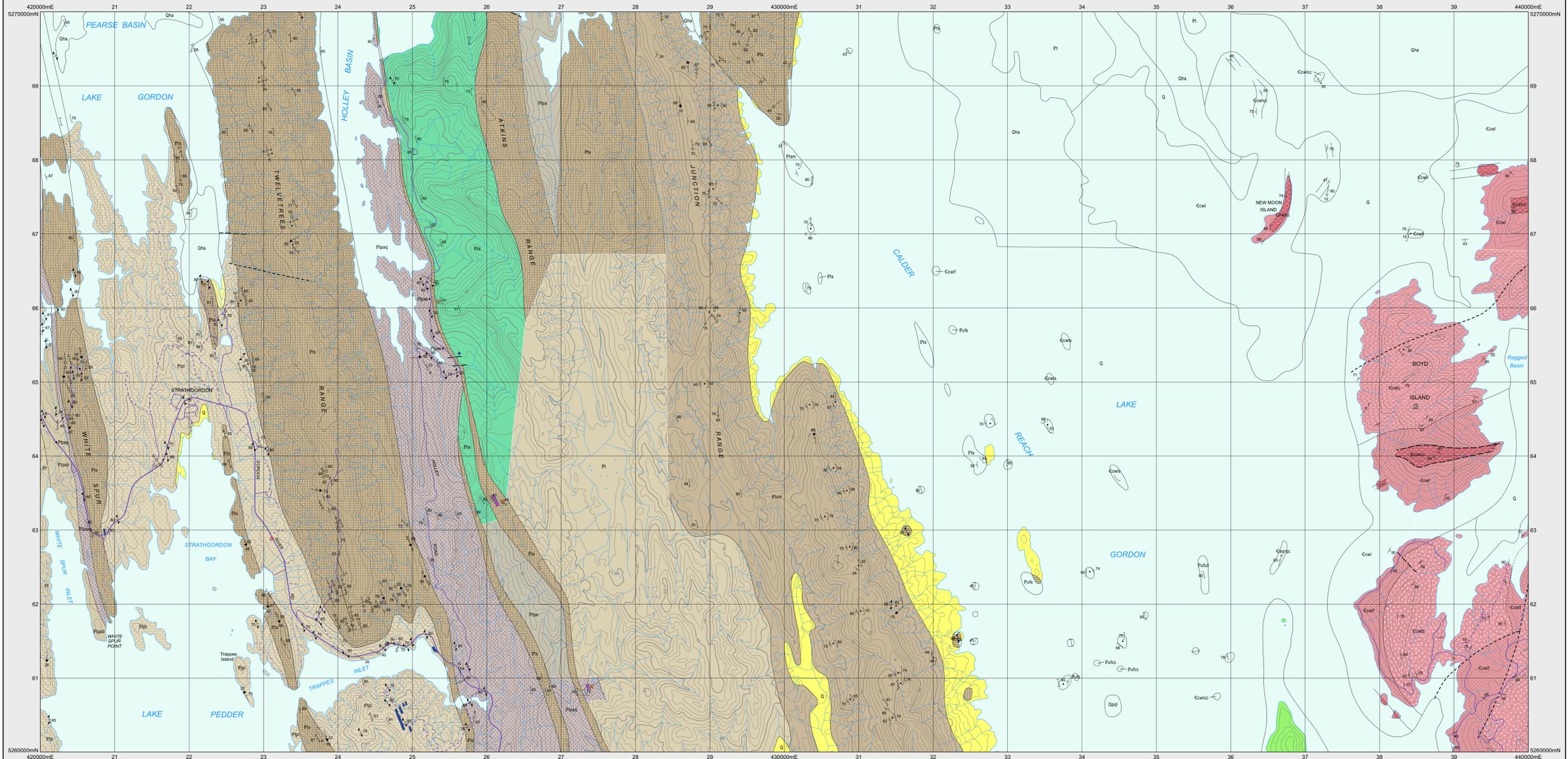


STRATHGORDON

Scale 1:25 000

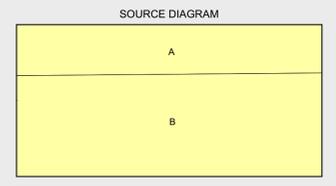


CENOZOIC	
Quaternary	<p>Q Undifferentiated Quaternary sediments (Q); stream alluvium, swamp and marsh deposits (Qha).</p> <p>Qp Lag of dominantly well-sorted metagraywacke cobbles (Qpp).</p>
----- Angular unconformity -----	
Campanian Series 3	<p>Cc3 Quartzite, lithicwacke with predominantly metasedimentary and minor chert grains, and interbedded grey-green mudstone and fossiliferous siltstone (Ccp3); subordinate pebble conglomerate (Ccp3c) within unit Cc3.</p>
----- Angular unconformity on Proterozoic units -----	
Campanian Series 2	<p>Cc2 Micaceous lithic sandstone of metamorphic and volcanic provenance, mudstone, red mudstone and minor chert (Ccw2).</p> <p>Cc2c Feldspathic wacke with common, very-coarse grains of muscovite and grains of garnet and biotite, interbedded with grey-green mudstone and minor feldspathic wacke, red mudstone, chert and fine-grained, basic igneous rock (Ccw2f).</p>
Terrestrial (Warratah Association)	<p>Cc1 Well sorted quartz sandstone (Ccw1).</p> <p>Cc1c Feldspathic wacke with common chert interlayers (Ccw1c); some chert layers indistinct (Ccw1cc).</p> <p>Cc1f Lithic sandstone and breccia (Ccw1f).</p> <p>Cc1b Predominantly interlayered red mudstone, chert, basaltic tuff and basalt. Small dolerite bodies present (Ccw1b).</p>
----- Faulted contacts -----	
Mesoproterozoic	<p>Pufb Slate to phyllite commonly containing chlorite/muscovite porphyroblasts (Pufb); nematitic slate (Pufbs).</p> <p>Pufd Silicified, brecciated, foliated? carbonate (Pufd).</p> <p>Pufc Foliated, poorly-sorted conglomerate with clasts of quartzite, chert and carbonate (Pufcd).</p>
----- Inferred angular unconformity -----	

MESOPROTEROZOIC - NEOPROTEROZOIC	
Tennant Region Metasedimentary Rocks	<p>Pts Metamorphic rocks, dominantly metagraywacke and metapelite (Pt); Quartzite (Pts), with interlayered quartz-mica and mica-quartz phyllite (Ptm).</p> <p>Ptsf Pelite or schistose micaceous quartzite (Ets).</p> <p>Ptpi Light green-grey quartz-mica and mica-quartz phyllite (Etp).</p> <p>Ptp Dominantly phyllite (Ptp); undifferentiated phyllite and schist of light-grey to black and green colour (Ptpa). Quartz-mica and mica-quartz phyllite of predominantly light- to dark-grey colour (Ptpaq); epidote-chlorite-bearing with albite porphyroblasts (Ptpaq).</p> <p>Ptpb Black carbonaceous mica phyllite (Ptpb), with pyrite porphyroblasts (Ptpbp); with garnet porphyroblasts and pseudomorphs (Ptpbp).</p> <p>Ptpa Banded ironstone (Ptpa).</p> <p>Pta Amphibolite-chlorite-actinolite-epidote-albite schist (Eta).</p>
Igneous Rocks	<p>Pntb Metadolerite (Entb).</p> <p>Pta Amphibolite-chlorite-actinolite-epidote-albite schist (Eta).</p>

CONTACTS	
	Geological contact.
	Geological contact - inferred.
	Limit of mapping of sub-unit within undifferentiated rock unit.
FAULTS	
	Fault.
	Fault - inferred.
LINEARS	
	Axial surface trace of major F1 antiform.

	Strike and dip of bedding, right way up; overturned.
	Strike and dip of bedding, facing unknown; vertical.
	Strike and dip of metamorphic foliation other than cleavage.
	Strike and dip of cleavage, type and relative age unspecified; 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.
	Trend and plunge of minor fold hinge line, relative local age F1, with dip and dip direction of axial surface; vergence dextral; vergence sinistral.
	Trend and plunge of hinge line of minor antiform, relative local age F1, with dip and dip direction of axial surface; with vertical axial surface.
	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; with vertical axial surface.
	Trend and plunge of minor fold hinge line, relative local age F1, vergence dextral, with dip and dip direction of axial surface; vergence sinistral with dip and dip direction of axial surface; with vertical axial surface.
	Trend and plunge of minor fold hinge line, relative local age F2, with dip and dip direction of axial surface; with vertical axial surface.
	Trend and plunge of minor fold hinge line, relative local age F3, with dip and dip direction of axial surface; with vertical axial surface.
	Trend and plunge of minor fold hinge line, relative local age F4, vergence sinistral; with dip and dip direction of axial surface.
	Trend and plunge of minor fold hinge line, relative local age F4, with dip and dip direction of axial surface.
	Field station for adjacent readings on the map.
	Notable small outcrop with rock unit indicated.
	Mineral deposit location - hardrock.
	Construction material/industrial mineral/gemstone location.



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

A. BROWN, A.V., M.CLEENAGHAN, M.P., TURNER, N.J., BAILLIE, P.V., M.CLEENAGHAN, J., LENKOV, P.G., WILLIAMS, P.R., 1982. Geological Atlas 1:50 000 Series. Sheet 73 (8112N), Hurley.

B. TURNER, N.J., CALVER, C.R., M.CLEENAGHAN, M.P., M.CLEENAGHAN, J., BROWN, A.V., LENKOV, P.G., 1985. Geological Atlas 1:50 000 Series. Sheet 80 (8112S), Pedder.

REFERENCE THIS MAP AS:
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Website: www.mrt.tas.gov.au
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

