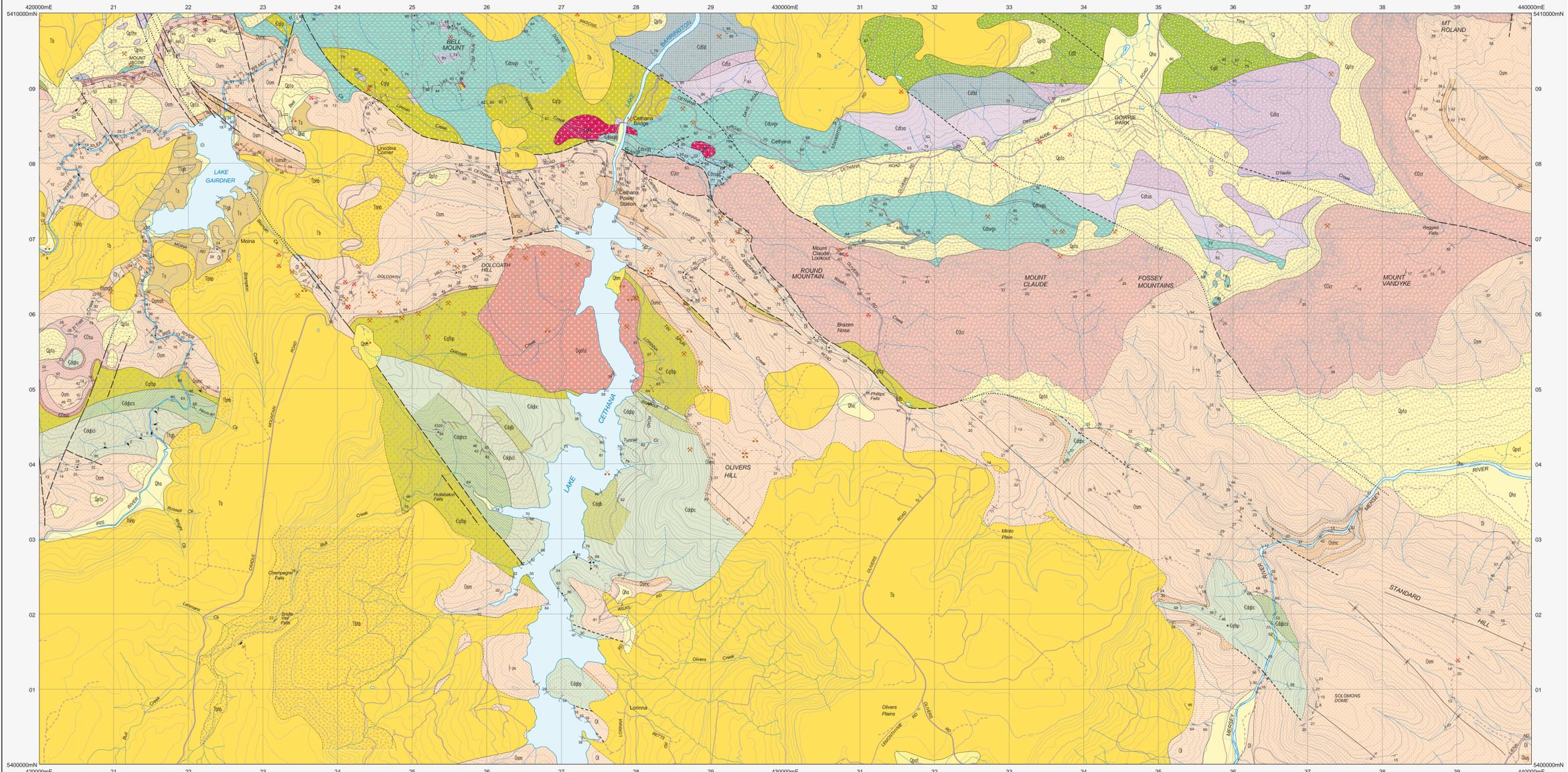


CETHANA

Scale: 1:25 000



PERIOD	UNIT	DESCRIPTION
CENOZOIC	Q	Quaternary
	Qhm	Mine tailings and man disturbed ground (Qhm).
	Qna	Stream alluvium, swamp and marsh deposits (Qna).
	Qpa	Talus (Qpa), Cambrian volcanic talus (Qpva), Basalt talus (Qpba), Talus derived from Ordovician conglomerate (Qpoc).
PALEOZOIC - MIDDLE	Qpat	Tal, talus and alluvial gravels (Qpat).
	Tb	Basalt (Tb), Hypoclastic basaltic breccia (Tbb).
	Tbb	Strongly altered basalt to intermediate lava breccia (Tbb).
	Tfgp	Grey-billy and silcrete (Tfgp).
PALEOZOIC - LOWER	Ts	Dominantly non-marine sequences of gravel, sand, silt, clay and pebbles (Ts).
	Unconformity.	
	Oi	Limestone sequence with siltstone in some areas. Correlate of Gordon Limestone (Oi).
	Oduj	Nodular micritic limestone and bioturbated pyritic mudstone. Sparsely fossiliferous (Upbrook Formation) (Oduj).
ORDOVICIAN	Osmh	Coloursous siltstone and sandstone. Transitional unit from Moira Sandstone to Gordon Limestone (Osmh).
	Osm	Pale grey to pink commonly cross-bedded quartz sandstone, coarse and pebbly, toward base and with tabular trace fossils in horizon of upper sequences (correlate of Moira Sandstone) (Osm).
	Osmc	Dominantly pebble-cobble siliceous conglomerate with interbedded coarse-grained pale pink to grey sandstone, rarely bioturbated (Osmc).
	Osmu	Grey to pink quartz sandstone and granite-pebble conglomerate with detrital chert clasts. Basal angular unconformity in places (Osmu).
CAMBRIAN	CDsu	Basalt, typically hematite-ore, fine-grained, coarse weathering. Massive to fragmented, generally well-sorted, vitric, rare pillow structure (CDsu).
	CDsc	Pink pebble to pebble-cobble conglomerate with minor lenses of coarse sandstone (CDsc).
	CDsc	Pink pebble-cobble to cobble-boulder conglomerate, thick-bedded to massive, with minor sandstone lenses (Pebble Conglomerate and correlates) (CDsc).
	CDor	

PERIOD	UNIT	DESCRIPTION
CAMBRIAN SEQUENCE NORTH OF MT CLAUDE	Eda	Rhyolite lava and breccia, usually quartz-feldspar-phyric (Eda).
	EdaB	Dacitic lava, typically plagioclase +/- quartz - phyric (Probably a correlate of EdaB on Gog) (EdaB).
	EdaC	Andesitic lava and associated volcanoclastic rocks, typically plagioclase-pyroxene phyric. Minor plagioclase-phyric dacite lava, basalt lava, andesitic volcanoclastic sediments and breccias (EdaC).
	EdaD	Mainly andesitic volcanoclastic sandstone with minor siltstone and conglomerate, typically with aegirine plagioclase and pyroxene and clasts of andesite. Minor felsic detritus and quartzite clasts in some areas (EdaD).
	EdaE	Mainly quartz-phyric volcanoclastic rocks with interbedded rhyolite lava (EdaE).
	EdaF	Interbedded siliceous siltstone, sandstone and mudstone (EdaF).
	EdaG	Dominantly siliceous conglomerate and sandstone, typically rich in quartzite clasts (EdaG).
	EdaH	Dominantly non-volcanic sandstone and siltstone, typically siliceous-micaceous, massive to thin bedded (EdaH).
	EdaI	Quartz-feldspar +/- biotite porphyry - dominantly intrusive to locally extrusive (EdaI).
	EdaJ	Felsic lava, typically quartz-feldspar phyric, commonly flow banded and autobrecciated (EdaJ).
CAMBRIAN SEQUENCE SOUTH OF MT CLAUDE	EdaK	Interbedded quartz-feldspar-biotite phyric volcanoclastic sediments (Commonly quartzite) and quartz-feldspar-biotite phyric lava and breccia (EdaK).
	EdaL	Interbedded quartz-feldspar-biotite phyric volcanoclastic sandstone and sandstone (EdaL).
	EdaM	Quartz-feldspar-biotite phyric (felsic) rich volcanoclastic sandstone and conglomerate. Minor quartzite clasts (EdaM).
	EdaN	Quartz-feldspar-biotite phyric lava and breccia (EdaN).
	EdaO	Felsic feldspar-phyric lava, commonly spherulitic (EdaO).
EdaP	Interbedded quartz phyric volcanoclastic sandstone and siltstone (EdaP).	

PERIOD	UNIT	DESCRIPTION	
INTRUSIVE ROCKS	Dgda	Medium- to coarse-grained, equigranular to porphyritic, cream to pink alkali feldspar granite/syenogranite, with minor microcline, apatite, zirconite and green phases (Dolcoath Granite, I-type) (Dgda).	
	Dgdp	Quartz-feldspar porphyry with associated muscovite-rich granitic zones (Dgdp).	
	Dgdb	Basaltic dykes, typically chlorite-carbonate altered (Dgdb).	
	Dgdp	Quartz-feldspar porphyry - dominantly intrusive (Dgdp).	
	Dgdp	Quartz-feldspar +/- hornblende porphyry (Dgdp).	
	Dgdp	Granite with strongly sericitized feldspar and biotite altered to spodumene, muscovite and chlorite (Dgdp).	
	Geological boundary - position accurate or approximate.		
	Intrusive boundary - position accurate or approximate.		
	Fault - position accurate or approximate.		
	Fault - inferred.		
Thrust fault (teeth on upper plate) - position accurate or approximate.			
Axial surface trace of major synform.			
Axial surface trace of major antiform.			
(white line) Limit of mapping of sub-unit within undifferentiated rock unit.			

SYMBOL	DESCRIPTION
↘ / ↙	Strike and dip of bedding - right way up; overturned; facing unknown.
↘ / ↙	Strike of vertical bedding, facing indicated by single tic facing unknown.
+	Horizontal bedding.
+	Strike and dip of cleavage of unspecified type and relative age - dipping vertical.
+	Strike and dip of cleavage, relative local age S2.
+	Trend and plunge of minor fold hinge line, unspecified type and relative age.
+	Trend and plunge of hinge line of unspecified relative age - minor antiform; minor synform.
+	Strike and dip of dominant joint set.
+	Trend and plunge of slickensides, movement sense unspecified.
+	Trend and plunge of mineral elongation lineation.
+	Strike and dip of kink band with sense of displacement viewed down plunge, derived.
+	Strike and dip of foliation due to alignment of hornblende and/or biotite in granitic rock.
+	Strike and dip of igneous banding or platy alignment.
+	Strike and dip of dyke or vein, rock type or mineral specified by RCDE in Point Attributes Table.
+	Strike and dip of outcrop-scale fault, type unspecified.
+	Field station for adjacent readings on the map.
+	Notable small outcrops, with rock type indicated.
+	Mineral deposit location - hardrock.
+	Mineral deposit location - alluvial/talings.
+	Data derived from Mineral Resources Tasmania (MRT) database. Data point position has not been verified in every case.

Compiled by M.P. McLennaghan, M.P. Green, D.C. and Vicary, M.J. (compilers) 2008.
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Mineral Resources Tasmania.

Base data from the LIST, Copyright State of Tasmania.
Map produced by the Geoscience Information Branch of Mineral Resources Tasmania using G.I.S. software.
GDAS4 - MGA Zone 55. Contour Interval: 20 metres.

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