

PERIOD	UNIT	DESCRIPTION
QUATERNARY	Qha	Undifferentiated Quaternary sediments (Q). Stream alluvium, swamp and marsh deposits (Qha).
	Qpt	Talus, till and scree of probable Pleistocene age (Qpt). Talus consisting dominantly of dolerite boulders (Qptb); Proterozoic orthoquartzite (Qptn); siliceous conglomerate (Qptc). Talus consisting dominantly of quartz sandstone (Qptq).
	Qpa	Older alluvium of dominantly well-sorted dolerite, quartzite, conglomerate and quartzite cobbles and boulders (Qpa). Dominantly quartzite cobbles (Qpac).
	Qpg	Pleistocene glacial and glaciogenic deposits (Qpgg). Weathered till (Qpgw).
	Qpm	Moraine and associated deposits (Qpm).
	Qpv	Steeply-inclined, fluvio-lacustrine deposits of interbedded gravel, sand and clay (Qpv).
	Qpu	Undifferentiated Permian-Carboniferous sediments (P). Pebbly fossiliferous marine sandstone, siltstone and mudstone (Undifferentiated Upper Glemnath Sequence) (Puo). Locally thermally metamorphosed by Jurassic dolerite (Pum).
	Plk	Freshwater or paralic, cross-bedded to laminated feldspathic sandstone and micaceous carbonaceous siltstone with fossil plant pieces (correlate in part of Faskler Group) (Plk).
	Pw	Uniformly to richly fossiliferous marine siltstone, mudstone, sandstone and impure limestone with terebratulites (correlate of Bunilda Formation) (Pw).
	Ptx	Dark grey dominantly pebbly diamictite with sparse fragmentary marine fossils, mudstone and laminar; upper unit of interbedded, pebbly to boulder grade conglomerate, diamictite and sandstone with some shell fossils (correlate of Truro Tillite) (Ptx).
PALEOZOIC	Olaa	Interbedded sandstone and mudstone (Ardell Sandstone) (Olaa).
	Olb	Dark grey limestone, dolomite, calcareous mudstone, minor quartz sandstone and black clay weathering products; to well fossiliferous (Gordon Group and correlates) (O). Dolomite, micritic limestone (Benjamin Limestone) (Olb).
	Olc	Oncolitic calcarenite (Cashons Creek Limestone) (Olc).
	Olk	Micritic limestone, usually with chert nodules (Karnberg Limestone) (Olk).
	Oliq	Limestone with chert layers, indicated by Quaternary lag of chert fragments (Oliq).
	Osf	Siltstone and calcareous shale (Osf); quartz sandstone horizons (Osfq).
MESOPROTEROZOIC	Osc	Quartz sandstone and chert-clast conglomerate (Tim Shee Sandstone) (Cca). Upper marine shallow-water quartz sandstone with abundant warm cists; minor basal conglomerate against older basement (Oas).
	COst	Undifferentiated cobble conglomerate (COc).
	COstb	Interbedded cross-bedded quartz sandstone, pebbly sandstone and siliceous well-sorted pebble conglomerate (COcb).
	COstc	Terrestrial shallow-water thickly-bedded siliceous-cobble conglomerate (COcc).
CAMBRIAN	COstmg	Interbedded pebble-cobble conglomerate, sandstone and fossiliferous siltstone (COstmg). Lower marine shallow-water quartz sandstone with warm cists; minor basal conglomerate (COstmg) and (COstmg) = Great Dome Sandstone.
	COstmg	Siltstone, turbidite quartzite, calcareous and micaceous sandstone and siltstone, with minor conglomerate, limestone and quartzarenite; Late Cambrian (Mamans) fossils present (Slingy Creek Formation and correlates) (COstc).
	COstq	
	COstq	

PERIOD	UNIT	DESCRIPTION
PALEOZOIC	Caqrc	Quartzite, lithic with predominantly metasedimentary and minor chert grains, and interbedded grey-green mudstone and fossiliferous siltstone with subordinate pebble conglomerate (Caqrc).
	Calc	Quartz-rich sandstone and minor conglomerate of metamorphic, volcanic and doleritic provenance, and mudstone (Calc).
	Ccwa	Mafic volcanoclastic sandstone-siltstone-mudstone-chert-minor carbonate sequences with intercalated tholeiitic basalt flows. Considered allochthonous (Ccw). Interbedded chert, lithic sandstone, siltstone and pyritic mudstone (Ccw).
	Ccwl	Micaceous lithic sandstone of metamorphic and volcanic provenance, mudstone, red mudstone and minor chert (Ccw). Scattered ultramafic outcrops within unit Ccwl (Ccwli).
	Ccwf	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 (Ccwlf).
	Ccwi	Feldspathic wacke with common chert interlayers (Ccwli). Some chert layers indurated (Ccwli).
	Ccw	Predominantly interlayered red mudstone, chert, basaltic tuff and basalt. Small dolerite bodies present (Ccw).
	Ccw	Dominantly banded chert (Ccw).
	Ccw	Possible stishovite of white quartz arenite and chert bearing pebbly quartz arenite (Ccw).
	Ccw	Angular unconformity.
NEOPROTEROZOIC	Pwsc	Undifferentiated Wald River Group rocks and correlates (Pw).
	Pwsc	Massive, fine-grained dolomite with diamictite, labile sandstone, mudstone and chert (Pwsc); where interlayered with quartz sandstone (Pwsc).
	Pw	Dominantly massive, fine-grained dolomite (Pwdf).
	Pw	Dominantly bedded oolitic dolostone (Pwog).
MESOPROTEROZOIC	Pwf	Dominantly fine-grained dolostone (Pwf).
	Pw	Angular unconformity.
	Pom	Mudstone, siltstone and minor dolostone (undifferentiated Humboldt Formation) (Fcm). Massive red mudstone (Pom).
	Pom	Dominantly mudstone and quartz siltstone (Pom).
CAMBRIAN	Pom	Orthoquartzite, as thin (>30m) impersistent units in dominantly mudstone sequence (Pom).
	Pom	Dominantly dolomitic mudstone and siltstone, with minor dolostone and limestone (Pom).
	Pom	Black micaceous shale and siltstone with occasional dolostone beds (Pomb).
	Pom	Orthoquartzite (including Needles Quartzite and correlates) (Poc).
CLARK GROUP	Pom	Interbedded quartz siltstone and red and green mudstone (Poms).
	Pom	

### IGNEOUS ROCKS

Jd	Dolerite (Jd).
Casp	Massive orthopyroxene (Casp).
Cado	Serpentinised dunite with interlayered orthopyroxene-bearing dunite (Cado). (Casp + Cado) = Capo: probable equivalents of LDH, layered dunite and harzburgite succession, Western Tasmania.
Csp	Dominantly layered orthopyroxene, olivine orthopyroxene and dunite (Csp; probable equivalent of LPO, layered pyroxene and dunite succession, Western Tasmania).
Csm	Massive serpentine (Csm).
Csma	Serpentine with amphibole (Csma).

### CONTACTS

Geological contact

Geological contact - inferred

Limit of mapping of sub-unit within undifferentiated rock unit.

### FAULTS

Fault

Fault - inferred

Fault - concealed

### LINEARS

Moraine ridge crest

### ADAMSFIELD ULTRAMAFIC COMPLEX

Strike and dip of bedding, right way up; overturned.

Strike and dip of bedding, facing unknown - dipping; vertical.

Horizontal bedding.

Strike and dip of primary igneous banding or play alignment.

Strike and dip of cleavage, type and relative age unspecified - dipping; vertical.

Strike of vertical cleavage, relative local age S<sub>1</sub>.

Strike and dip of cleavage, relative local age S<sub>2</sub>.

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.

Glacial striae, showing sense of movement.

Field station for adjacent readings on the map.

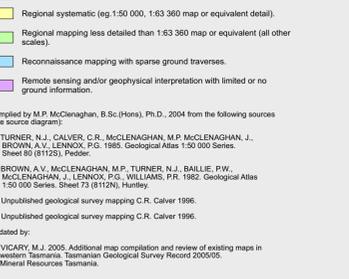
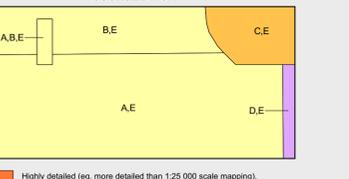
Notable small outcrop with rock unit indicated.

Macrofossil location.

Mineral deposit location - hardrock.

Mineral deposit location - alluvial/alluvial.

Construction material/industrial mineral/pegmatite location.



### REFERENCE THIS MAP AS:

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GDA94 - MGA Zone 55. Contour Interval: 20 metres.

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