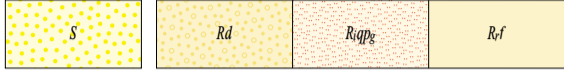


Colluvial units
Cf Colluvial footslope containing ferruginous gravel and reworked ferruginous duricrust
Cg Colluvial footslope containing quartzfeldspathic gravel, sand, and silt commonly derived from granite and associated weathering products
Cd Colluvium in footslope derived from different rock types; includes gravel, sand, and silt
Cq Quartz-vein debris on colluvial footslope
Cta Talus from banded iron-formation and chert; locally cemented

Sheetwash units
Wg Clay, silt, and sand on sheetflood fan; commonly derived from granite
Wl Clay, silt, and sand on sheetflood fan; local ferruginous gravel

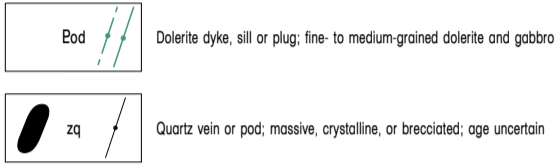
Alluvial unit
Aa Clay, silt, sand, and gravel on alluvial plain

Lacustrine units
Llc Calcareous lake deposit; predominantly cemented calcite
Lgq Deposits fringing salt lakes; mainly eolian quartz and sand, and gypsum with bedding; localized clay
Lse Saline lake deposit; predominantly comprising evaporitic gypsum



Sandplain unit
S Residual and eolian sand with minor silt and clay; low vegetated dunes locally common

Residual or relic units
Rd Undivided residual or relic material; mainly ferruginous and siliceous duricrust; minor calcrete and kaolinized rock
Rqpg Quartzfeldspathic sand and minor silcrete over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
Rf Ferruginous duricrust, massive to rubbly; includes iron-cemented reworked products

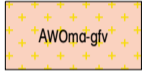


2637 – 2602 Ma

Bald Rock Supersuite



AWG-gny Granite, undivided with local biotite- or amphibole-rich bands; metamorphosed; includes deeply weathered rock
AWG-gmy K-feldspar megacrystic monzogranite with local biotite- or amphibole-rich bands; metamorphosed; includes deeply weathered rock



MARLUMBAH GRANITE: muscovite-bearing alkali granite; equigranular; contains accessory fluorite; post-tectonic

Murchison regional deformation event



AmgmsY Foliated, meta biotite monzogranite; minor metagranodiorite, metasyenogranite, and pegmatite; fine- to coarse-grained; locally gneissic
AggY Migmatitic granodiorite with mafic inclusions; metamorphosed

2665 – 2640 Ma

Jungar Suite

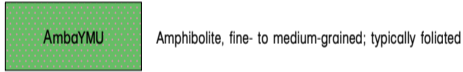


AJU-xmgn-mws Metagranite interleaved with subordinate, foliated, metamorphic rock; gneissic banding developed locally
AJU-mgms Foliated, meta biotite monzogranite; minor metagranodiorite, metasyenogranite, and pegmatite; fine- to coarse-grained; locally gneissic
AJU-mgpu Metamorphosed pegmatitic granite with feldspar augen
ILLIGALARA MONZOGRANITE
AJUig-gmw K-feldspar megacrystic monzogranite; locally laminated; metamorphosed
AJUig-gne Equigranular granitic rock; metamorphosed; includes deeply weathered rock

c. 2650 Ma

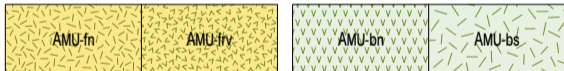


AmoaYMU Amphibolite; medium- to coarse-grained; derived from dolerite and gabbro
Axod-ogYMU Massive dolerite interleaved with minor gabbro; metamorphosed
AodYMU Dolerite, medium-grained; massive, locally weakly deformed; metamorphosed
AogYMU Gabbro, coarse-grained; massive, locally weakly deformed; locally contains dolerite, quartz gabbro, and gabbroanrite; metamorphosed



AmuYMU Meta-ultramafic rock, undivided; typically deeply weathered
AmusYMU Tremolite-chlorite(-talc) schist
AupYMU Peridotite, metamorphosed; commonly serpentinized

Unassigned

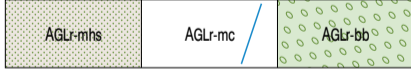


AMU-fn Felsic volcanic and volcanoclastic rock, undivided; metamorphosed; commonly deeply weathered and kaolinized
AMU-frv Rhyolitic ignimbrite with minor rhyolite flows and volcanogenic sedimentary rock; metamorphosed
AMU-bn Fine- to very fine-grained mafic rock, undivided; metamorphosed; commonly deeply weathered
AMU-bs Pyroxene spinifex-textured basalt and local basalt; locally variolitic; metamorphosed

Glen Group

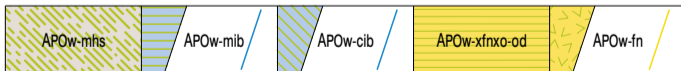


WATAGEE FORMATION
AGLw-mhs Schistose pelite and psammite; locally contains biotite porphyroblasts
AGLw-cib Banded iron-formation and ferruginous banded chert; metamorphosed
AGLw-fn Felsic volcanic and volcanoclastic rock, undivided; metamorphosed; commonly deeply weathered and kaolinized
AGLw-bb Basalt; massive to weakly foliated; locally pillowed and/or vesicular; metamorphosed
AGLw-bbo Pillow basalt; vesicular or amygdaloidal; metamorphosed
AGLw-bs Pyroxene spinifex-textured basalt and local basalt; locally variolitic; metamorphosed



RYANSVILLE FORMATION
AGLr-mhs Schistose pelite and psammite; locally contains biotite porphyroblasts and minor bands of felsic volcanoclastic rock
AGLr-mc Metachert, locally schistose
AGLr-bb Basalt; massive to weakly foliated; locally pillowed and/or vesicular; metamorphosed

Murchison Supersuite



WILGIE MIA FORMATION
APow-mhs Schistose pelite and psammite; locally contains biotite porphyroblasts
APow-mib Foliated meta banded iron-formation; commonly with coarse, granular, and recrystallized magnetite crystals
APow-cib Banded iron-formation and ferruginous banded chert; minor jaspilite and hematite-rich rock; minor volcanoclastic sandstone; metamorphosed
APow-xfnxa-od Polymictic breccia with a fine felsic volcanic matrix intruded by dolerite; metamorphosed
APow-fn Felsic volcanic and volcanoclastic rock, undivided; metamorphosed; commonly deeply weathered and kaolinized

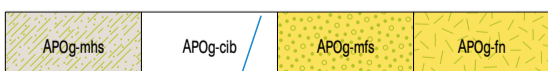
2752 Ma¹

2730 Ma

2740 Ma

<2969 Ma

Poellelle Group



GREENSLEEVES FORMATION
APog-mhs Schistose pelite and psammite; locally contains biotite porphyroblasts
APog-cib Banded iron-formation and ferruginous banded chert; metamorphosed
APog-mfs Meta felsic volcanic rock, undivided; foliated; commonly deeply weathered
APog-fn Felsic volcanic and volcanoclastic rock, undivided; metamorphosed; commonly deeply weathered and kaolinized



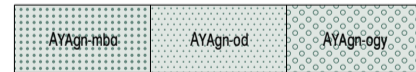
2800–2760 Ma

MEEKATHARRA FORMATION
APom-bb Basalt; massive to weakly foliated; locally pillowed and/or vesicular; metamorphosed
APom-bs Pyroxene spinifex-textured basalt and minor basalt; locally variolitic; metamorphosed

Austin Downs Supersuite

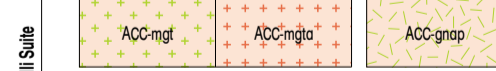


AYA-od Dolerite; massive, locally weakly foliated; metamorphosed
AYA-og Gabbro; massive to weakly foliated; locally contains dolerite, quartz gabbro, and gabbroanrite; metamorphosed
AYA-ogl Leucogabbro, coarse grained; contains alternating layers of melanocratic and leucocratic gabbro; massive, locally weakly deformed; metamorphosed
AYA-om Gabbroanrite, coarse grained; metamorphosed



Gnanagooragoo Igneous Complex
AYAgf-mba Amphibolite, fine- to medium-grained; typically foliated
AYAgn-od Dolerite, medium grained with local fine- and coarse-grained layers; massive, locally weakly deformed; metamorphosed
AYAgn-ogy Gabbro, coarse grained; contains alternating layers of melanocratic and leucocratic gabbro; massive, locally weakly deformed; metamorphosed

Aimearn Supersuite



ACC-mgt Metatonalite
ACC-mgta Metatonalite with hornblende phenocrysts and common, small, elliptical mafic xenoliths
ACC-gnap Porphyritic microgranite; quartz, plagioclase, augite, and biotite phenocrysts; metamorphosed