

Colluvial units

- C* Colluvium derived from different rock types; includes gravel, sand, and silt
- Cf* Ferruginous gravel and reworked ferruginous duricrust
- Cg* Quartzofeldspathic gravel, sand, and silt, commonly derived from granitic rock and associated weathering products

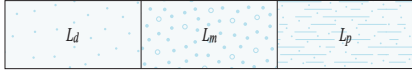
Sheetwash unit

- W* Clay, silt, and sand in extensive fans; local ferruginous gravel



Alluvial units

- A* Clay, silt, sand, and gravel in channels and on floodplains
- Ap* Clay and silt in claypans



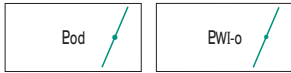
Lacustrine units

- Ld* Sand, silt, and gypsum in dunes adjacent to and within playa lakes
- Lm* Mixed dunes, evaporite, and alluvial deposits; typically adjacent to playa lakes
- Lp* Saline and gypsiferous evaporite deposits, clay, silt, and sand in playa lakes



Residual or relict units

- Rrf* Ferruginous duricrust, massive to rubby; includes iron-cemented reworked products
- RzU* Silica caprock over ultramafic rock; local chalcedony and chrysoprase
- RsgPg* Quartzofeldspathic sand, gravel, and minor silcrete over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
- RdpG* Silcrete and/or kaolinized granitic rock

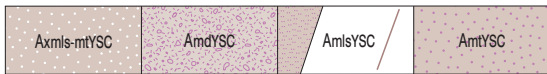


- Eod* Dolerite dyke, sill, or plug; fine- to medium-grained dolerite and gabbro
- EWI-o* **Widgiemootha Dyke Suite:** dolerite and gabbro; includes cumulate and granophyric differentiates

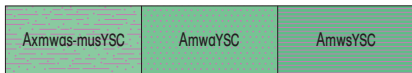


- AmgnY* Granitic gneiss, locally migmatitic; includes local mafic bands and enclaves
- AmgsmY* Muscovite-bearing granitic schist; typically strongly weathered
- AmgssY* Foliated metagranite, locally gneissic; may include amphibolite lenses; includes deeply weathered rock
- AgmY* Monzogranite; common biotite and rare local hornblende; minor granodiorite and syenogranite; fine to coarse grained; equigranular to porphyritic; massive to weakly foliated; metamorphosed (section only)
- AgmmY* Medium-grained biotite monzogranite; metamorphosed
- AgmPY* Biotite monzogranite; fine to coarse grained; K-feldspar-phyric; local magmatic layering
- AgnY* Granitic rock, undivided; metamorphosed; includes deeply weathered rock
- AgPY* Pegmatite dyke; metamorphosed
- Amk-gn* **MOUNT RANKIN GRANITE:** granite, undivided; typically deeply weathered
- Any-gmm* **MARGALYERIN SOAK MONZOGANITE:** medium-grained biotite monzogranite; metamorphosed
- Asr-gmp* **STRAWBERRY ROCKS MONZOGANITE:** biotite monzogranite; fine to coarse grained; K-feldspar-phyric

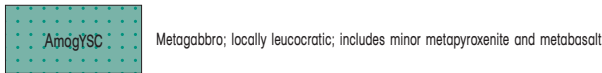
2632-2639 Ma¹
c. 2680 Ma



- AxmIs-mtYSC* Pelite laterally grading into metasandstone; includes quartzite and ferruginous metachert
- AmdYSC* Metasedimentary rock, undivided; includes metamorphosed sandstone, siltstone, shale, and chert; commonly deeply weathered
- AmlsYSC* Pelite; dominantly metashale and metasilstone; local andalusite and/or cordierite porphyroblasts
- AmtYSC* Psammite; metasandstone, includes minor meta-arkose and quartzite; local conglomerate and ferruginous metachert



- Axmwas-musYSC* Foliated amphibolite interleaved with ultramafic schist; includes minor interflow sediments
- AmwaYSC* Amphibolite derived from mafic volcanic and intrusive rocks; locally schistose
- AmwsYSC* Mafic schist



- Axmbm-musYSC* Metamorphosed komatiitic basalt and tremolite-chlorite(-talc) schist; includes minor komatiite and metabasalt
- AmbaYSC* Amphibolite; fine to medium grained; typically foliated
- AmbbYSC* Metabasalt, locally amygdaloidal; massive to foliated; includes minor metadolerite and subordinate metamorphosed pyroxene spinifex-textured basalt
- AmbmYSC* Metamorphosed komatiitic basalt, common acicular texture; includes minor metabasalt and tremolite-chlorite(-talc) schist
- AmbsYSC* Mafic schist derived from fine-grained mafic rocks



- Axmsr-mupYSC* Tremolite-chlorite(-talc) schist and metaperidotite; includes local metadunite; typically strongly weathered and/or silicified
- AmuYSC* Meta-ultramafic rock, undivided; typically deeply weathered
- AmukYSC* Metakomatiite, with relict olivine spinifex texture
- AmusYSC* Ultramafic schist; includes talc-tremolite-chlorite schist, and minor serpentinite and mafic schist
- AmusrYSC* Tremolite-chlorite(-talc) schist; includes minor metamorphosed komatiitic basalt, metapyroxenite, and cumulate-textured zones
- AmuxYSC* Metapyroxenite; medium to coarse grained; minor metaperidotite and metagabbro