

**Colluvial units**

- C* Colluvium derived from different rock types; includes gravel, sand, and silt
- Citc* Talus from banded iron-formation and chert; locally cemented
- Cf* Ferruginous gravel and reworked ferruginous duricrust
- Cg* Quartzofeldspathic gravel, sand, and silt commonly derived from granite and associated weathering products
- Cq* Quartz-vein debris

**Low-gradient slope units**

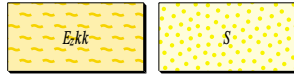
- W* Clay, silt, and sand in extensive fans; local ferruginous gravel
- Wf* Clay, silt, and sand with abundant ferruginous grit
- Wg* Clay, silt, and sand commonly derived from granite

**Alluvial units**

- A* Clay, silt, sand, and gravel in channels and on floodplains
- Ar* Clay, silt, and sand on floodplains
- Ap* Clay and silt in claypans
- Ak* Calcrete and carbonate-cemented alluvium in fluvial channels

**Lacustrine unit**

- Lp* Saline and gypsiferous evaporite deposits, clay, silt, and sand in playa lakes

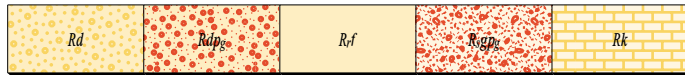


**Eolian unit**

- Ekk* Eolian sand overlying alluvial calcrete

**Sandplain unit**

- S* Residual and eolian sand with minor silt and clay; low vegetated dunes locally common



**Residual or relict units**

- Rd* Undivided residual or relict material; mainly ferruginous and siliceous duricrust; minor calcrete and kaolinized rock
- Rdp* Silcrete and/or kaolinized granitic rock
- Rrf* Ferruginous duricrust, massive to rubby; includes iron-cemented reworked products
- Rrgp* Quartzofeldspathic sand and minor silcrete over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
- Rk* Residual calcrete; includes reworked carbonate products



- Eod* Dolerite dyke, sill, and plug; fine- to medium-grained dolerite and gabbro; includes cumulate and granophyric differentiates (interpreted from aeromagnetic data where dashed)

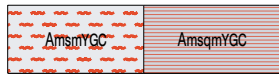


- zq* Quartz vein or pod; massive, crystalline, or brecciated



- AmgnY* Granitic gneiss; locally migmatitic; includes local mafic bands and enclaves
- AmgsY* Foliated metagranite; locally gneissic; may include amphibolite lenses; includes deeply weathered rock
- Axmgs-mbsY* Foliated metagranite interleaved with subordinate foliated, fine- to medium-grained metamorphic rock; gneissic banding developed locally
- AgiY* Diorite
- AgmY* Biotite monzogranite; rare local hornblende; minor granodiorite and syenogranite; fine to coarse grained; equigranular to porphyritic; massive to weakly foliated
- AgnY* Granite, undivided; includes deeply weathered rock
- AgnapY* Porphyritic microgranite; metamorphosed; locally schistose; includes deeply weathered rocks

c.2647 Ma



- AmsmYGC* Micaeous schist
- AmsqmYGC* Quartz-muscovite schist



- AmhsYGC* Interlayered psammite and pelite; schistose
- AmigYGC* Graphitic pelite; locally pyritic
- AmisYGC* Pelitic schist
- AmtqYGC* Quartz-rich metasedimentary rock, mainly quartzite
- AshYGC* Shale and siltstone; metamorphosed; typically weathered
- AccbYGC* Banded chert and ferruginous chert; minor banded iron-formation; metamorphosed
- AcibYGC* Banded iron-formation and minor banded chert; metamorphosed



- AmrsYGC* Quartzofeldspathic schist; typically weathered
- AmfsYGC* Strongly foliated fine-grained felsic volcanic and volcanoclastic rock
- AfnYGC* Felsic volcanic and volcanoclastic rocks, undivided; metamorphosed; commonly deeply weathered

c.2722 Ma



- AmodYGC* Amphibolite, medium to coarse grained, derived from gabbro
- AmogsYGC* Strongly foliated metagabbro
- AmoxsYGC* Strongly foliated pyroxene-rich metagabbro
- AodYGC* Dolerite; minor basalt or gabbro components; metamorphosed
- AodqYGC* Quartz-bearing dolerite; metamorphosed
- AogYGC* Gabbro; medium to coarse grained; massive to weakly deformed; metamorphosed
- AogqYGC* Quartz-bearing gabbro; metamorphosed
- AogxYGC* Pyroxenitic gabbro; metamorphosed



- Axmb-mgYGC* Metamafic rock interleaved with minor massive to foliated metagranite
- AmbaYGC* Amphibolite, fine to medium grained; typically foliated
- AmbpsYGC* Strongly foliated, pyroxene spinifex-textured metabasalt
- AmbsYGC* Foliated to strongly foliated fine-grained metamafic rock; local amphibolite; commonly weathered
- AbbYGC* Basalt; massive to weakly foliated; metamorphosed
- AbnYGC* Fine to very fine grained mafic rock, undivided; metamorphosed; commonly deeply weathered
- AbsYGC* Pyroxene spinifex-textured basalt; locally variolitic; metamorphosed



- AmuYGC* Meta-ultramafic rock, undivided; typically deeply weathered
- AmusYGC* Tremolite-chlorite(-talca) schist
- AupYGC* Peridotite; metamorphosed; and serpentinitized
- AuxYGC* Pyroxenite, medium to coarse grained; minor gabbro; metamorphosed



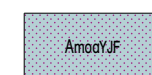
- AmscYJF* Chlorite schist; typically weathered
- AmsqmYJF* Quartz-muscovite schist



- AmdYJF* Clastic metasedimentary rock; typically weathered
- AmtqYJF* Quartz-rich metasedimentary rock, mainly quartzite
- AccbYJF* Banded chert and ferruginous chert; minor banded iron-formation; metamorphosed
- AcibYJF* Banded iron-formation and minor banded chert; metamorphosed



- AmwaYJF* Fine- to medium-grained amphibolite; foliated



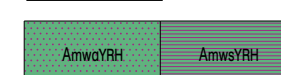
- AmodYJF* Amphibolite, medium to coarse grained, derived from gabbro



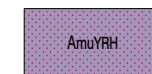
- AmusYJF* Tremolite-chlorite(-talca) schist



- AcibYRH* Banded iron-formation and minor banded chert; metamorphosed



- AmwaYRH* Fine- to medium-grained amphibolite; foliated
- AmwsYRH* Mafic schist; typically weathered



- AmuYRH* Meta-ultramafic rock, undivided; commonly weathered (Section only)

Gum Creek greenstone belt

Joyner's Find greenstone belt

Southern Cross Domain

Yourami Terrane

Red Handled Bone greenstone belt