

Colluvial units

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

Sheetwash units

- W* Clay, silt, and sand; locally ferruginous gravel
- Wf* Clay, silt, and sand with abundant ferruginous grit

Alluvial units

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

Lacustrine units

- Ld1* Dune and lake deposits; active systems within and adjacent to playa lakes; non-vegetated or poorly vegetated
- Lm* Mixed dune, evaporite, sheetwash, and alluvial deposits, typically adjacent to playa lakes
- Lp* Saline and gypsiferous evaporite deposits; clay, silt, and sand in playa lakes



Lacustrine unit

- Ld2* Stabilized dunes within and adjacent to playa lakes; typically vegetated

Sandplain units

- S* Residual and eolian sand with minor silt and clay; dunes locally common
- Sl* Yellow sand with minor ferruginous and siliceous pisoliths, silt, and clay

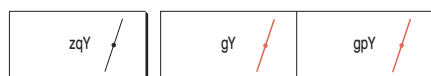


Residual or relict units

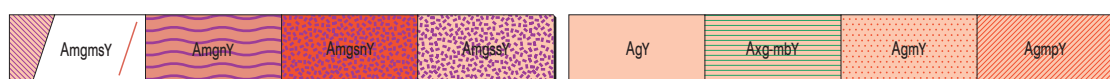
- Rd* Siliceous and ferruginous duricrust, undivided
- Rf* Ferruginous duricrust and pisoliths
- Rgp* Quartzofeldspathic sand and quartz gravel over granitic rock, with sparse granitic rock outcrop
- Rz* Silcrete
- Rzu* Silica caprock over ultramafic rock



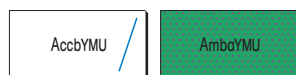
EodY Mafic to ultramafic dyke; interpreted from aeromagnetic data, may be subsurface



- zqY* Quartz vein
- gY* Granitic dyke
- gpY* Pegmatite vein



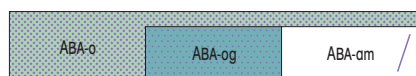
- AmgmsY* Strongly foliated, fine- to coarse-grained metamonzogranite; locally gneissic; c. 2697 Ma¹ southwest of Wizard Bore
- AmgnY* Granitic gneiss; banded quartzofeldspathic orthogneiss; c. 2683 Ma¹ north-northeast of Sandstone
- AmgsnY* Metagranitic rock with locally prominent gneissic banding; typically strongly foliated
- AmgssY* Strongly foliated metagranitic rock; typically deeply weathered
- AgY* Granitic rock, undivided; includes deeply weathered granitic rock
- Axb-mbY* Massive to moderately foliated granitic rock interleaved with minor foliated metamorphic rock
- AgmY* Fine- to coarse-grained monzogranite, locally porphyritic; massive to weakly foliated; c. 2664 Ma¹ southwest of Wizard Bore
- AgmpY* Porphyritic monzogranite; fine to coarse grained, commonly with feldspar megacrysts



- AccbYMU* Banded chert and ferruginous chert; minor banded iron-formation; metamorphosed
- AmbaYMU* Amphibolite, fine to medium grained, typically foliated
- AmuYMU* Metamorphosed ultramafic rock, undivided (subsurface only)



- AmsqcYBA* Quartz-chlorite schist, and minor foliated metasedimentary rock
- AcibYBA* Banded iron-formation and minor banded chert; metamorphosed



- ABA-o* **Barrambie Intrusion**: medium- to coarse-grained, layered mafic rock; metamorphosed; typically deeply weathered
- ABA-og* Layered gabbro, with minor pyroxenite and anorthosite; metamorphosed
- ABA-am* Magnetite; metamorphosed



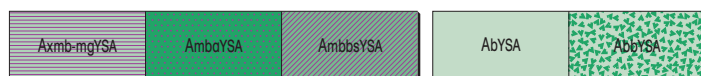
- AmtqYSC* Quartz-rich metasedimentary rock, mainly quartzite; metamorphosed
- AsYSC* Sedimentary rock, undivided; metamorphosed; weathered
- AcibYSC* Banded iron-formation and minor banded chert; metamorphosed



- AshYSA* Sedimentary rock, undivided; metamorphosed; typically deeply weathered (subsurface only)
- AshYSA* Shale and siltstone; minor sandstone and volcanoclastic rock; metamorphosed; typically weathered
- AccbYSA* Banded chert and ferruginous chert; minor banded iron-formation; metamorphosed
- AcibYSA* Banded iron-formation and minor banded chert; metamorphosed



- AmogsYSA* Strongly foliated metagabbro
- AoYSA* Mafic intrusive rock; typically medium to coarse grained; metamorphosed; deeply weathered
- AogYSA* Gabbro, medium to coarse grained; massive to weakly deformed; metamorphosed



- Axb-mgYSA* Foliated metamorphic rock, interleaved with minor foliated granitic rock
- AmbaYSA* Amphibolite; fine to medium grained, commonly foliated; local foliated metabasalt
- AmbbsYSA* Foliated metabasalt; fine to medium grained; local amphibolite
- AbYSA* Fine- to very fine-grained mafic rock, undivided; metamorphosed; commonly deeply weathered
- AbbYSA* Basalt, massive to weakly foliated; metamorphosed (in section only, interpreted from *AbYSA*)



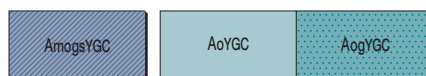
- AmuYSA* Metamorphosed ultramafic rock, undivided; typically deeply weathered
- AmusYSA* Tremolite-chlorite(-talc) schist
- AmuxYSA* Foliated medium- to coarse-grained pyroxenite

Barrambie greenstone belt

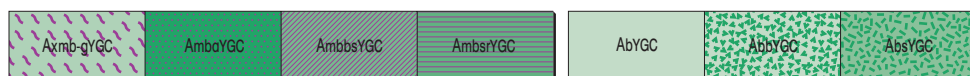
Sandstone greenstone belt



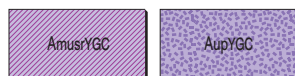
- AsYGC* Sedimentary rock, undivided; metamorphosed; typically deeply weathered
- AshYGC* Shale and siltstone; metamorphosed; typically weathered
- AccbYGC* Banded chert and ferruginous chert; minor banded iron-formation; metamorphosed
- AcibYGC* Banded iron-formation and minor banded chert; metamorphosed



- AmogsYGC* Strongly foliated metagabbro
- AoYGC* Mafic intrusive rock; typically medium to coarse grained; metamorphosed; deeply weathered
- AogYGC* Gabbro, medium to coarse grained; massive to weakly deformed; metamorphosed



- Axb-gYGC* Foliated metamorphic rock, interleaved with minor massive to moderately foliated granitic rock
- AmbaYGC* Amphibolite; fine to medium grained, commonly foliated; local foliated metabasalt
- AmbbsYGC* Foliated metabasalt; fine to medium grained; local amphibolite
- AmbsYGC* Tremolite- and chlorite-rich rock; local relict pyroxene spinifex-texture; moderately to strongly foliated
- AbYGC* Fine- to very fine-grained mafic rock, undivided; metamorphosed; commonly deeply weathered
- AbbYGC* Basalt, massive to weakly foliated; metamorphosed
- AbsYGC* Pyroxene spinifex-textured basalt; minor basalt; metamorphosed



- AmusYGC* Tremolite-chlorite(-talc) schist
- AupYGC* Peridotite; metamorphosed and serpentinitized

Murchison Granite-Greenstone Terrane

YILGARN CRATON

Gum Creek greenstone belt

Southern Cross Granite-Greenstone Terrane