

**Colluvial units**

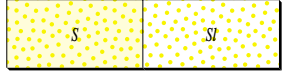
- C** Colluvium derived from different rock types; includes gravel, sand, and silt
- Cf** Ferruginous gravel and reworked ferruginous duricrust
- Cg** Quartzofeldspathic gravel, sand, and silt commonly derived from granitic rock and associated weathering products
- Cq** Quartz-vein debris
- Ctc** Talus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

**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

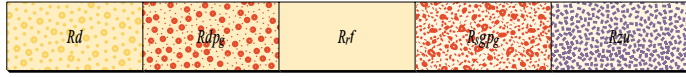
**Alluvial units**

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



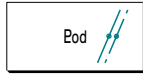
**Sandplain units**

- S** Residual and eolian sand with minor silt and clay; low vegetated dunes locally common
- Sf** Yellow sand with minor pisolitic laterite, ferruginized silcrete, silt, and clay

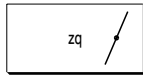


**Residual or relict units**

- Rd** Undivided residual or relict material; mainly ferruginous and siliceous duricrust; minor calcrete and kaolinized rock
- Rdp** Silcrete and/or kaolinized granitic rock
- Rf** Ferruginous duricrust, massive to rubbly; includes iron-cemented reworked products
- Rgp** Quartzofeldspathic sand and minor silcrete over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
- Rzu** Silica caprock over ultramafic rock; local chalcocopyrite and chrysoprase



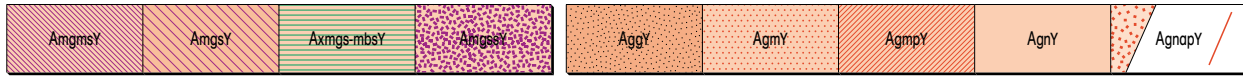
**Eod** Dolerite dyke, sill, and plug; fine- to medium-grained dolerite and gabbro; includes cumulate and granophytic differentiates (interpreted from aeromagnetic data where dashed)



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



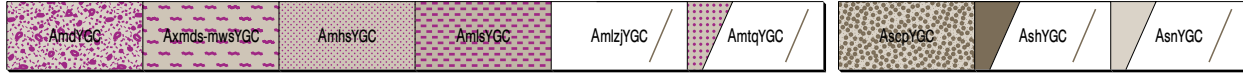
**gpY** Pegmatite dyke



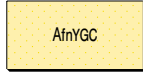
- AmgmsY** Foliated meta biotite monzogranite; minor metagranodiorite, metasyenogranite, and pegmatite; fine to coarse grained; locally gneissic
- AmgsY** Foliated metagranite; locally gneissic; may include amphibolite lenses; includes deeply weathered rock
- Axmgs-mbsY** Foliated metagranite interleaved with subordinate foliated, fine- to medium-grained metamorphic rock; gneissic banding developed locally
- AmgsY** Strongly foliated metagranitic rock; typically deeply weathered
- AggY** Granodiorite with minor monzogranite, diorite, and microgranite; metamorphosed
- AgmY** Biotite monzogranite; rare local hornblende; minor granodiorite and syenogranite; fine to coarse grained, equigranular to porphyritic; massive to weakly foliated
- AgmpY** Porphyritic monzogranite; fine to coarse grained with feldspar megacrysts; locally seriate; metamorphosed
- AgnY** Granite, undivided; metamorphosed; includes deeply weathered rock
- AgnapY** Porphyritic microgranite; metamorphosed; locally schistose; includes deeply weathered rocks



**AmyqYGC** Recrystallized quartz-rich mylonite



- AmdYGC** Clastic metasedimentary rock; typically weathered
- Axmds-mwsYGC** Schistose siliciclastic rock interleaved with minor mafic schist; typically deeply weathered
- AmhsYGC** Interlayered psammite and pelite; schistose
- AmIsYGC** Pelitic schist
- AmIzYGC** Ferruginized pelite
- AmtqYGC** Quartz-rich metasedimentary rock, mainly quartzite
- AsepYGC** Polymictic conglomerate; metamorphosed; typically weathered
- AshYGC** Shale and siltstone; metamorphosed; typically weathered
- AsnYGC** Sedimentary rock, undivided; includes sandstone, siltstone, shale, and chert; metamorphosed; typically deeply weathered



**AfrYGC** Felsic volcanic and volcanoclastic rocks, undivided; metamorphosed; commonly deeply weathered



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



**AmfasYGC** Strongly foliated, fine-grained meta-andesite; locally porphyritic



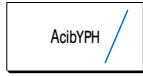
**AogYGC** Gabbro, medium to coarse grained; massive to weakly deformed; metamorphosed



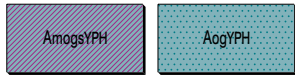
- Axmb-mgYGC** Metamorphic rock interleaved with minor massive to foliated metagranite
- AmbaYGC** Amphibolite, fine to medium grained; typically foliated
- AmbsYGC** Foliated to strongly foliated fine-grained metamorphic rock; local amphibolite; commonly weathered
- AbbYGC** Basalt; metamorphosed; massive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



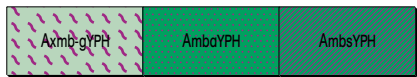
- AmuYGC** Meta-ultramafic rock, undivided; typically deeply weathered
- AmusYGC** Tremolite-chlorite(-talc) schist
- AuxYGC** Pyroxenite, medium to coarse grained; minor gabbro; metamorphosed



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



- AmogsYPH** Strongly foliated metagabbro
- AogYPH** Gabbro, medium to coarse grained; massive to weakly deformed; metamorphosed



- Axmb-gYPH** Foliated mafic rock interleaved with minor massive granitic rock
- AmbaYPH** Amphibolite, fine to medium grained; typically foliated
- AmbsYPH** Foliated fine-grained metamorphic rock; local amphibolite



- AmusYPH** Tremolite-chlorite(-talc) schist
- AupYPH** Peridotite; metamorphosed; commonly serpentinized and silicified with relict olivine cumulate texture

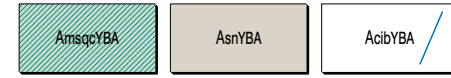
Gum Creek greenstone belt

Southern Cross Domain

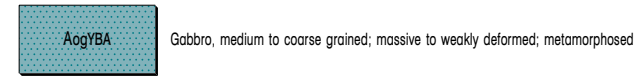
Poison Hills greenstone belt



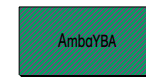
- ABA-o** **Barrambie Intrusion:** Medium- to coarse-grained, layered mafic rock; metamorphosed; typically deeply weathered
- ABA-am** Magnetite; metamorphosed
- ABA-bb** Basalt, massive to weakly foliated; metamorphosed
- ABA-og** Layered gabbro, with minor pyroxenite and anorthosite; metamorphosed



- AmsqYBA** Quartz-chlorite schist and foliated metasedimentary rock
- AsnYBA** Sedimentary rock, undivided; metamorphosed; typically deeply weathered
- AcibYBA** Banded iron-formation and minor banded chert; metamorphosed



**AogYBA** Gabbro, medium to coarse grained; massive to weakly deformed; metamorphosed



**AmbaYBA** Amphibolite, fine to medium grained; typically foliated



- AmusYBA** Tremolite-chlorite(-talc) schist
- AupYBA** Peridotite; metamorphosed; commonly serpentinized and silicified with relict olivine cumulate texture

Barrambie greenstone belt

Murchison Domain

Yourami Terrane