

Colluvial units

- C* Colluvium derived from different rock types; includes gravel, sand, and silt
- Ctc* Talus from chert, ferruginous chert, and banded iron-formation; locally cemented
- Ctc_c* Talus from chert and minor banded iron-formation; locally cemented
- Ctc_i* Talus from banded iron-formation and chert; locally cemented
- Cf* Ferruginous gravel and reworked ferruginous duricrust
- Cq* Quartz-vein debris

Sheetwash units

- W* Clay, silt, and sand in extensive fans; locally ferruginous gravel
- Wf* Clay, silt, and sand with abundant ferruginous grit
- Wg* Clay, silt, and sand, commonly derived from granitic rock
- Wk* Clay, silt, and sand with abundant calcrete nodules

Alluvial units

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

Lacustrine units

- Ld1* Dune and lake deposits; active systems within and adjacent to playa lakes; non-vegetated or poorly vegetated
- 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



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; low vegetated dunes locally common
- Sp* Sand and playa terrain; dunes dominant



Residual or relict units

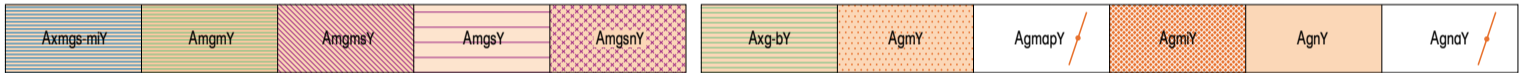
- Rrf* Ferruginous duricrust, massive to rubby; includes iron-cemented reworked products
- Rrf_c* Ferruginous duricrust, massive to rubby; derived from banded iron-formation and ferruginous chert
- Rz* Silcrete
- Rrg* Quartzfeldspathic sand, commonly over granitic rock
- RrgPg* Quartzfeldspathic sand and minor siliceous duricrust over granite; sparse granite outcrop; includes mottled and leached zones of weathering profile
- Rrl* Yellow sand with minor pisolitic laterite, ferruginized silcrete, silt and clay; common on low plateaus associated with weathered granite
- Rd* Undivided residual or relict material; mainly ferruginous and siliceous duricrust; minor calcrete and kaolinized rock
- Rdp_g* Silcrete and/or kaolinized granitic rock
- Rk* Residual calcrete; includes reworked carbonate products



- Eod* Dolerite dyke, sill or plug; fine- to medium-grained dolerite and gabbro; interpreted from aeromagnetic data where dashed



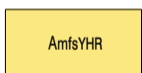
- zq* Quartz vein or pod; massive, crystalline, or brecciated; age uncertain



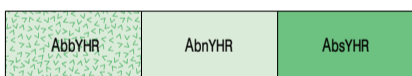
- Axmgs-miY* Foliated metagranite interleaved with meta banded iron-formation and/or metachert, with subordinate para-amphibolite and metamorphic rocks
- AmgmY* Meta biotite monzogranite
- AmgmsY* Foliated meta biotite monzogranite; minor metagranodiorite, metasyenogranite, and pegmatite; fine to coarse grained; locally gneissic
- AmgsY* Foliated metagranite; locally gneissic; may include amphibolite lenses; includes deeply weathered rock
- AmgsnY* Foliated and gneissic metagranite; moderately to strongly foliated metagranite with local gneissic or migmatitic component
- Axxg-bY* Granitic rock interleaved with subordinate mafic rock and basalt; metamorphosed
- AgmY* Biotite monzogranite; rare local hornblende; minor grandiorite and syenogranite; fine to coarse grained; equigranular to porphyritic; massive to weakly foliated; metamorphosed
- AgmapY* Porphyritic micromonzogranite; metamorphosed; includes dykes and sills
- AgmiY* Porphyritic monzogranite with biotite-rich enclaves; metamorphosed
- AgnY* Granitic rocks, undivided; metamorphosed; includes deeply weathered rock
- AgnaY* Microgranite; metamorphosed; locally schistose; includes deeply weathered rocks



- AmdsYHR* Foliated clastic metasedimentary rock
- AccbYHR* Banded chert and ferruginous banded chert; includes minor banded iron-formation and minor quartzite; metamorphosed
- AcibYHR* Banded iron-formation and local jaspilite; includes minor banded chert; metamorphosed
- AcxYHR* Banded iron-formation and chert; metamorphosed



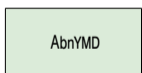
- AmfsYHR* Quartzfeldspathic foliated metamorphic rock derived from felsic volcanic or volcanoclastic protolith; typically deeply weathered



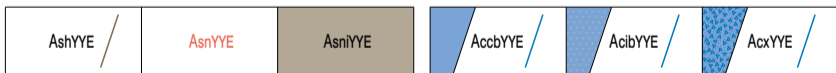
- AbbYHR* Basalt; massive to weakly foliated; metamorphosed; locally hornfelsed near contact with granitic rock
- AbnYHR* Fine to very fine grained mafic rock, undivided; metamorphosed; commonly deeply weathered
- AbsYHR* Pyroxene spinifex-textured basalt; locally variolitic; metamorphosed



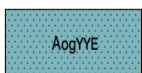
- AmustYHR* Talc-tremolite(-chlorite) schist (subsurface only)



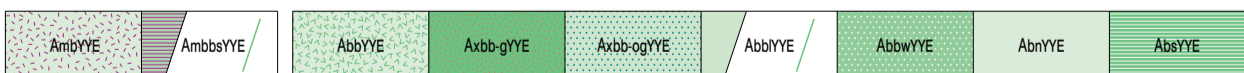
- AbnYMD* Fine to very fine grained mafic rock, undivided; metamorphosed; commonly deeply weathered (subsurface and cross-section)



- AshYYE* Shale with minor siltstone; metamorphosed; includes local micaceous schist
- AsnYYE* Sedimentary rock, undivided; includes sandstone, siltstone, shale, and chert; metamorphosed; commonly deeply weathered (subsurface only)
- AsniYYE* Ferruginous sedimentary rock; includes shale, siltstone, and banded iron-formation; metamorphosed; deeply weathered and ferruginized
- AccbYYE* Banded to massive chert and ferruginous chert; includes minor banded iron-formation and quartzite; metamorphosed
- AcibYYE* Banded iron-formation and local jaspilite; includes minor ferruginous and banded chert; metamorphosed
- AcxYYE* Banded iron-formation and chert; metamorphosed



- AogYYE* Gabbro and minor quartz gabbro; metamorphosed



- AmbYYE* Fine to very fine grained metamorphic rock, undivided; commonly deeply weathered
- AmbbsYYE* Foliated metamorphic rock and metabasalt; local amphibolite, metagabbro, and ultramafic schist
- AbbYYE* Basalt; includes gabbro, dolerite, and local subordinate pyroxene spinifex-textured zones; locally variolitic and amygdaloidal; massive to weakly foliated; metamorphosed
- AxbgYYE* Basalt and minor banded iron-formation interleaved with granite; metamorphosed; commonly weathered
- AxbogYYE* Basalt intercalated with fine- to medium-grained gabbro; metamorphosed
- AbbiYYE* Fine-grained basaltic volcanic siltstone/mudstone, well bedded; metamorphosed
- AbbwYYE* Variolitic basalt; metamorphosed
- AbnYYE* Fine to very fine grained mafic rock, undivided; metamorphosed; commonly deeply weathered
- AbsYYE* Pyroxene spinifex-textured basalt; locally variolitic; metamorphosed



- AmuYYE* Meta-ultramafic rock, undivided; typically deeply weathered
- AmukYYE* Metakomatiite, with relict olivine spinifex texture; minor meta spinifex-textured basalt
- AmuscYYE* Chlorite(-tremolite-talc) schist
- AmusrYYE* Tremolite(-chlorite(-talc) and chlorite(-tremolite) schist; includes minor meta komatiitic basalt
- AmustYYE* Talc-tremolite(-chlorite) schist (subsurface only)
- AmutYYE* Serpentinite; subordinate ultramafic and mafic schist
- AupYYE* Peridotite; metamorphosed; commonly serpentinized
- AuxYYE* Pyroxenite, medium to coarse grained; minor gabbro; metamorphosed

Hunt Range greenstone belt

Marcia-Diamonds greenstone belt

Southern Cross Domain

Youarni Terrane

Yerligee greenstone belt