

Colluvial units

- C* Mixed gravel and debris as proximal talus; includes sand and silt; locally ferruginous
- Cf* Ferruginous gravel and reworked laterite
- Cgpz* Granitic gravel, with sand and silt
- Clc1* Talus from banded iron-formation and chert; locally cemented
- Cq* Quartz-vein debris

Sheetwash units

- W* Clay, silt, and sand; locally ferruginous
- Wf* Sheetwash deposits with ferruginous gravel
- Wq* Sheetwash deposits with quartz gravel

Alluvial units

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

Lacustrine units

- Li* Saline playa deposits; mainly gypsiferous evaporite
- Ld* Sand dunes adjacent to playa lakes
- Lm* Mixed dune, evaporite, and alluvial deposits adjacent to playa lakes

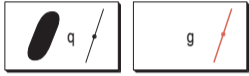
Sandplain units

- S* Yellow sand with minor pisolitic laterite
- Sl* Sandplain and silt, with nodular laterite

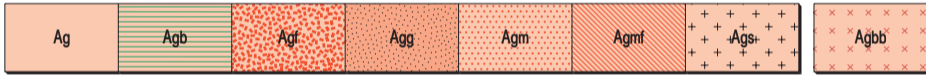


Residual units

- Rd* Siliceous and ferruginous duricrust, undivided
- Rf* Lateritic duricrust; includes lateritic nodules
- Rgpz* Quartzofeldspathic sand over granitoid rock, with sparse granitoid outcrop
- Rfc* Lateritic duricrust — ironstone over ridge-forming units
- Rk* Calcrete
- Rzu* Silica caprock over ultramafic rocks
- Rz* Silcrete



- q* Quartz vein
- g* Granitoid dyke



- Ag* Granitoid rock, undivided; includes deeply weathered rock
- Agb* Granitoid, interleaved with minor basalt
- Agf* Strongly foliated granitoid rock
- Agg* Granodiorite
- Agm* Monzogranite; typically biotite-bearing; locally weakly foliated
- Agmf* Strongly foliated monzogranite
- Ags* Syenite
- Agbb* BUTCHER BIRD MONZOGRANITE: fine- to medium-grained monzogranite; typically granophyric

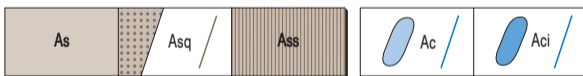
a. 2730 Ma

2733 Ma



MARDA COMPLEX

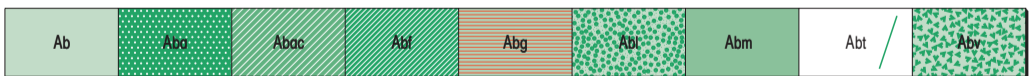
- AfM* Felsic volcanic and volcanioclastic rock; metamorphosed; typically deeply weathered
- AfMr* Felsic volcanic rock; locally porphyritic; metamorphosed
- AfMs* Sedimentary rock; metamorphosed; typically weathered
- AfMsc* Polymictic conglomerate with sandstone and siltstone; metamorphosed; typically poorly cemented
- AfMss* Sandstone and siltstone; metamorphosed



- As* Metasedimentary rock, undivided; typically deeply weathered
- Asq* Quartz-rich metasedimentary rocks, mainly quartzite
- Ass* Sandstone and siltstone; metamorphosed
- Ac* Banded chert and ferruginous banded chert; includes banded iron-formation and minor quartzite; metamorphosed
- Aci* Banded iron-formation and local jaspillite; includes minor banded chert; metamorphosed



- Af* Felsic to intermediate volcanic and volcanioclastic rock, undivided; metamorphosed; typically deeply weathered



- Ab* Fine-grained mafic rock, mainly basalt; metamorphosed; typically deeply weathered
- Aba* Amphibolite, fine- to medium-grained; commonly foliated
- Abac* Amphibolite with calc-silicate minerals; locally banded
- Abf* Strongly foliated basalt; local amphibolite
- Abg* Basalt, gabbro, and ultramafic schist interleaved with granitoid rock
- Abl* Chlorite schist
- Abm* High-Mg basalt with pyroxene-spinifex and/or variolitic textures; metamorphosed
- Abt* Mafic tuff, well bedded; metamorphosed
- Abv* Metabasalt, massive to weakly foliated, locally hornfelsed near contact with granitoid



- Ao* Medium- and coarse-grained mafic rock; metamorphosed; deeply weathered
- Aog* Metagabbro; medium- to coarse-grained mafic rock; includes quartz gabbro



- Au* Ultramafic rock; typically deeply weathered
- Auk* Komatiite; with olivine-spinifex texture; metamorphosed
- Aup* Peridotite; typically serpentinized
- Aur* Tremolite-chlorite(-talca) schist
- Aus* Serpentinite (subsurface only)
- Aut* Talc-chlorite schist (subsurface only)