

Colluvial units

- C* Mixed gravel from different rock types as proximal talus; includes sand and silt; locally ferruginous
- Cf* Ferruginous gravel and reworked duricrust
- Cgpg* Quartzofeldspathic sand and gravel
- Clc* 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 abundant ferruginous grit

Alluvial units

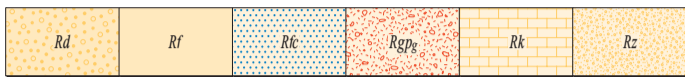
- A* Clay, silt, sand, and gravel in channels and on floodplains
- Ap* Clay and silt in claypans

Lacustrine units

- Li* Saline playa lake deposits
- Ld* Stabilized dune deposits adjacent to playa lakes
- Lm* Mixed dune, evaporite, and alluvial deposits adjacent to playa lakes

Sandplain units

- S* Residual and eolian sand
- Sl* Yellow sand with minor pisolitic laterite, silt, and clay



Relict units

- Rd* Siliceous and ferruginous duricrust, undivided
- Rf* Lateritic duricrust; includes iron-cemented reworked products
- Rfc* Lateritic duricrust; ironstone over ridge-forming units
- Rgpg* Quartzofeldspathic sand over granitoid rock; sparse granitoid outcrop
- Rk* Calcrete
- Rz* Silcrete



- q* Quartz vein
- Aeo* Gabbro and dolerite



- Ag* Granitoid rock, undivided; includes deeply weathered rock
- Agb* Foliated granite; locally interleaved with amphibolite
- Agf* Strongly foliated granitoid rock
- Agm* Monzogranite; locally weakly foliated
- Agmf* Strongly foliated monzogranite
- Agcw* **CHATARIE WELL GRANITE:** granite; typically deeply weathered
- Agmi* **MILLARS MONZOGRANITE:** quartz-rich monzogranite
- Ang* Granitoid gneiss
- Agbb* **BUTCHER BIRD MONZOGRANITE:** fine- to medium-grained monzogranite; typically granophyric

c. 2711 Ma

c. 2730 Ma

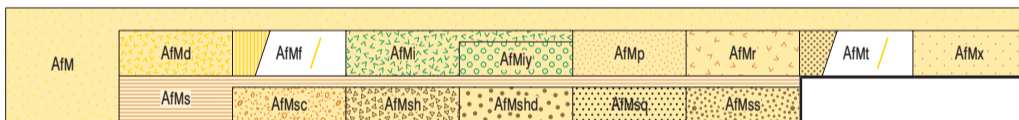
< 2729 Ma



DIEMALS FORMATION

- Aesh* Metamorphosed shale, mudstone, and siltstone
- Aeshd* Andalusite-bearing metapelite

c. 2733 Ma



MARDA COMPLEX

- AfM* Felsic volcanic and volcanoclastic rock, undivided; typically deeply weathered; metamorphosed
- AfMd* Dacite, rhyodacite, and minor andesite; commonly feldspar-phyric; metamorphosed
- AfMf* Strongly foliated felsic rock; commonly deeply weathered
- AfMi* Andesite and basaltic andesite; locally amygdaloidal; includes minor dacite; metamorphosed
- AfMiy* Andesite with quartz(-siderite)-filled amygdaloids; metamorphosed
- AfMp* Rhyolitic to dacitic feldspar porphyry; metamorphosed
- AfMr* Rhyolite; commonly porphyritic; metamorphosed
- AfMt* Felsic tuff and tuffaceous sedimentary rock; metamorphosed
- AfMx* Rhyolitic ignimbrite with minor rhyolite flows and volcanoclastic sedimentary rock; metamorphosed
- AfMs* Volcanoclastic and sedimentary rock, undivided; commonly weathered; metamorphosed
- AfMsc* Polymictic and rhyolitic oligomictic conglomerate with minor siltstone and sandstone; commonly poorly cemented; metamorphosed
- AfMsh* Volcanoclastic shale and siltstone; metamorphosed; locally ferruginous
- AfMshd* Foliated metapelite with andalusite(-staurolite)
- AfMsq* Quartzite and quartz arenite; metamorphosed
- AfMss* Sandstone and minor siltstone with a common volcanoclastic component; metamorphosed



- As* Metasedimentary rock, undivided; commonly weathered; metamorphosed
- Asc* Polymictic conglomerate with minor siltstone and sandstone; includes deeply weathered and poorly cemented rocks; metamorphosed
- Ash* Metashale
- Ashg* Metamorphosed graphitic shale (subsurface only)
- Asi* Ferruginous metasedimentary rock; includes shale, siltstone, and banded iron-formation; deeply weathered
- Asq* Quartz-rich metasedimentary rock; mainly quartzite
- Ass* Sandstone with minor siltstone; metamorphosed
- Ac* Banded chert with minor banded iron-formation and quartzite; metamorphosed
- Aci* Banded iron-formation and minor banded chert; local jaspilite; metamorphosed
- Acj* Jaspilite with minor banded iron-formation; metamorphosed



- Af* Fine-grained felsic rock, undivided; typically deeply weathered; metamorphosed
- Afp* Quartz-feldspar porphyry; metamorphosed
- Afpm* Sericitized feldspar porphyry; metamorphosed
- Afs* Strongly foliated felsic rock; typically deeply weathered
- Afv* Fine-grained felsic volcanic and volcanoclastic rock; metamorphosed



- Aog* Metagabbro; medium- to coarse-grained mafic rock; includes minor microgabbro
- Aogf* Strongly foliated metagabbro
- Aogx* Pyroxene-phyric microgabbro



- Ab* Metamorphosed mafic rock, undivided; mainly fine-grained; typically deeply weathered
- Abar* Amphibolite; retrogressed to greenschist facies assemblages
- Abf* Strongly foliated, metamorphosed basaltic rock; local amphibolite
- Abm* Metamorphosed high-Mg basalt with relict pyroxene-spinifex and/or variolitic textures
- Abmf* Strongly foliated high-Mg basalt; locally variolitic; metamorphosed
- Abs* Chlorite(-talc-tremolite) schist
- Abt* Mafic tuff; commonly banded; metamorphosed
- Abv* Metabasalt; massive to weakly foliated; minor metamorphosed basaltic-andesite
- Abx* Metamorphosed mafic-volcanic breccia



- Au* Metamorphosed ultramafic rock, undivided; typically deeply weathered
- Auk* Metakomatiite; with relict olivine spinifex texture
- Aukf* Strongly foliated metakomatiite
- Aup* Metamorphosed peridotite; typically serpentinized
- Aur* Tremolite-chlorite(-talc) schist
- Aus* Serpentinite (subsurface only)
- Aut* Talc-tremolite(-chlorite) schist
- Aux* Pyroxenite; metamorphosed