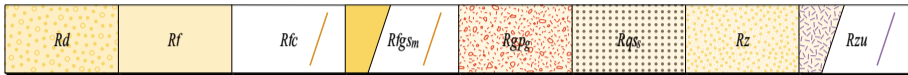




- Colluvial units
C Mixed gravel from different rock types as proximal talus; includes sand and silt; locally ferruginous
Cf Ferruginous gravel and reworked duricrust
Clc₁ Talus from banded iron-formation and chert; locally cemented
Cq Quartz-vein debris
- Sheetwash units
W Clay, silt, and sand in extensive fans; locally ferruginous
Wf Deposits with abundant ferruginous grit
- Alluvial units
A Clay, silt, sand, and gravel in channels and floodplains
Ap Clay and silt in claypans
- Lacustrine units
L₁ Saline playa lake deposits; mainly gypsiferous evaporite
L_{1d} Dune and lake deposits; active systems within and adjacent to playa lakes; unvegetated or poorly vegetated
L_m Mixed dune, evaporite, and alluvial deposits adjacent to playa lakes



- Lacustrine unit
L_{2d} Dune deposits; stabilized dunes within and adjacent to playa lakes; vegetated
- Sandplain units
S Residual and eolian sand
SI Yellow sand with minor pisolitic laterite, and 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
Rfgsm Gossanous units within shaly metasedimentary rock
Rgpe Quartzofeldspathic sand over granitoid rock; sparse granitoid outcrop
Rqs Residual sandplain with scattered arenitic float
Rz Silcrete; predominantly over granitoid rock
Rzu Silica caprock over ultramafic rock



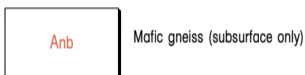
- q* Quartz veins and dykes
g Granitoid veins and dykes

c. 2730–2690 Ma



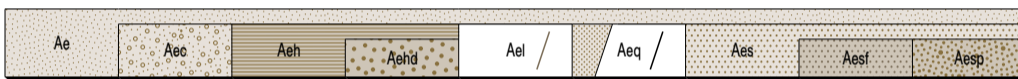
- Ag* Granitoid rock, undivided; includes deeply weathered rock
Agf Strongly foliated granitoid rock
Agm Monzogranite
Agmf Strongly foliated monzogranite
Agn Gneissic granitoid
Agpi **PIGEON ROCKS MONZOGRANITE**: biotite monzogranite; equigranular

c. 2729 Ma



- Anb* Mafic gneiss (subsurface only)

< c. 2729 Ma

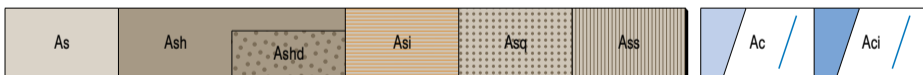


- Ae* **DIEMALS FORMATION**: metasedimentary rock, undivided; includes deeply weathered rock
Aec Polymictic conglomerate with minor sandstone; metamorphosed
Aeh Shale, mudstone, and siltstone; metamorphosed
Aehd Andalusite-bearing pelite
Ael Chlorite-bearing schist
Aeq Quartzite and metamorphosed quartz-rich sandstone
Aes Metasandstone; dominantly quartz arenite; includes minor metamorphosed siltstone and quartz-mica schist
Aesf Foliated metasedimentary rock; includes quartz-mica schist
Aesp Metamorphosed pebbly sandstone

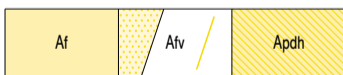
c. 2733 Ma



- MARDA COMPLEX**
AfMd Dacite; metamorphosed
AfMf Strongly foliated felsic rock
AfMi Andesite and basaltic andesite; metamorphosed
AfMy Andesite with quartz(-siderite)-filled amygdaloids; metamorphosed
AfMsh Volcaniclastic shale and siltstone; metamorphosed; locally ferruginous
AfMshd Foliated metapelite with andalusite(-staurolite)
AfMr Rhyolite; metamorphosed
AfMv Fine-grained felsic volcanic rock; metamorphosed



- As* Metasedimentary rock, undivided; typically deeply weathered
Ash Shale and siltstone; metamorphosed
Ashd Foliated pelitic rocks with andalusite or staurolite; locally with cordierite
Asi Metasedimentary rock; includes shale, siltstone, chert, and banded iron-formation; deeply weathered and ferruginized
Asq Quartz-rich metasedimentary rock; includes quartzite and recrystallized chert
Ass Metasandstone
Ac Banded chert and ferruginous banded chert; metamorphosed
Aci Banded iron-formation and ferruginous banded chert; local jaspilite; metamorphosed

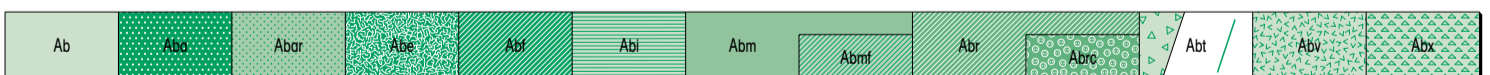


- Af* Fine-grained felsic rock, undivided; typically deeply weathered; metamorphosed
Afv Fine-grained felsic volcanic rock; metamorphosed
Apdh **DECEPTION HILL PORPHYRY**: massive quartz-feldspar porphyry; metamorphosed

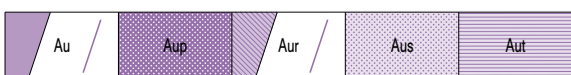
c. 3023 Ma



- Ao* Metamorphosed, medium- to coarse-grained mafic rock; typically deeply weathered
Aog Metagabbro; medium- to coarse-grained; includes local quartz gabbro



- Ab* Metamorphosed mafic rock; mainly fine-grained; typically deeply weathered
Aba Amphibolite; fine- to medium-grained; commonly foliated
Abar Amphibolite retrogressed to greenschist facies assemblages
Abe Epidotized metabasalt
Abf Strongly foliated, metamorphosed mafic rock; local amphibolite
Abi Basaltic andesite; metamorphosed
Abm High-Mg basalt with relict pyroxene spinifex and/or variolitic textures; metamorphosed
Abmf Strongly foliated high-Mg basalt, locally variolitic; metamorphosed
Abr Strongly foliated tremolite- and chlorite-rich rock; probably after high-Mg basalt
Abrc Strongly foliated tremolite- and chlorite-rich rock; probably after high-Mg basalt; strongly carbonated
Abt Mafic tuff; metamorphosed
Abv Metabasalt; massive to weakly foliated
Abx Mafic breccia; metamorphosed



- Au* Metamorphosed ultramafic rock; typically deeply weathered
Aup Metamorphosed peridotite; typically serpentinized
Aur Tremolite-chlorite(-talc) schist
Aus Serpentinite
Aut Talc-tremolite(-chlorite) schist