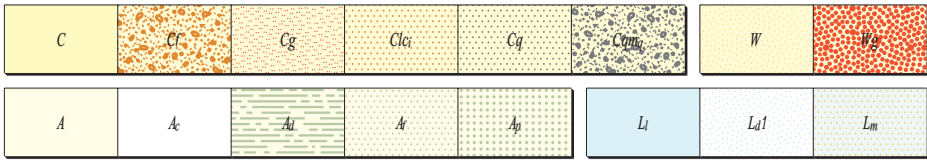


PHANEROZOIC

CAINOZOIC



Colluvial units

- C Mixed gravel from different rock types as scree and proximal talus; includes sand and silt; locally ferruginous
- Cf Ferruginous gravel and reworked duricrust
- Cg Quartzofeldspathic gravel, sand, and silt, derived from granitoid rock and associated weathering products
- Clc1 Talus from banded iron-formation and chert; locally cemented
- Cq Quartz-vein debris
- Cqm Talus from quartzite

Sheetwash units

- W Clay, silt, and sand; locally ferruginous
- Wg Clay, silt, and sand derived from granitoid rock

Alluvial units

- A Clay, silt, sand, and gravel in drainage systems
- Ac Clay, silt, sand, and gravel as stream-channel and adjacent overbank deposits
- Al Clay, silt, and sand in braided swales within floodplain
- Ar Clay, silt, and sand within floodplain
- Ap Clay and silt in claypans

Lacustrine units

- Li Saline playa lake deposits
- Ld1 Dune and lake deposits; active systems within and adjacent to playa lakes; non-vegetated or poorly vegetated
- Lm Mixed dune, evaporite, and alluvial deposits adjacent to playa lakes

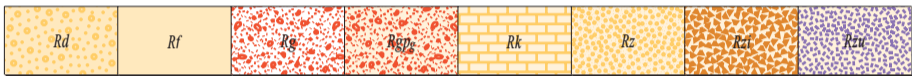


Lacustrine unit

- Ld2 Stabilized dunes within and adjacent to playa lakes; typically vegetated

Sandplain units

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



Residual or relict units

- Rd Siliceous and ferruginous duricrust
- Rf Ferruginous duricrust; includes iron-cemented reworked products
- Rg Quartzofeldspathic sand over granitoid rock
- Rgp Quartzofeldspathic sand and minor silcrete over granitic rock; sparse granite outcrop
- Rk Calcrete
- Rz Silcrete
- Rzi Silcrete with ferruginous cement
- Rzu Silica caprock over ultramafic rock



Mafic to ultramafic dykes and sills; interpreted from aeromagnetic data where dashed



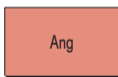
- q Quartz vein
- p Pegmatite dyke



- Ag Granitoid rock, undivided; includes deeply weathered rock
- Agb Strongly foliated granite with abundant coarse-grained pegmatite, interleaved with amphibolite and quartz-mica(-plagioclase) schist
- Agf Strongly foliated granitoid rock; typically deeply weathered
- Agi Mixed granitoid rocks of mainly monzogranitic composition
- Agm Medium- to coarse-grained monzogranite; locally porphyritic
- Agmf Strongly foliated monzogranite; coarse to medium grained; locally porphyritic
- Agml Leucocratic monzogranite; fine to coarse grained; weakly to moderately foliated
- Agmp Fine- to coarse-grained monzogranite, commonly with aligned feldspar megacrysts; locally seriate
- Agn Gneissic granitoid rock; strongly to moderately foliated monzogranite with local gneissic component
- Agcm **COOMB BORE MONZOGANITE**: foliated monzogranite

c. 2665 Ma

c. 2691 Ma



Granitoid gneiss; banded quartz-feldspar-biotite orthogneiss



- As Metasedimentary rock, undivided; typically deeply weathered
- Asa Metasedimentary rock, dominantly para-amphibolite and subordinate quartzite, with mafic and felsic intercalations; locally with abundant garnet and/or andalusite
- Asq Medium- to coarse-grained quartzite, with common micaceous and ferruginous intercalations
- Asqm Muscovite quartzite and muscovite-quartz schist
- Asqi Magnetite(-grunerite)-bearing quartzite
- Aci Metamorphosed banded iron-formation; minor banded chert
- Acis Banded magnetite-hornblende-quartz rock; minor mafic schist and amphibolite

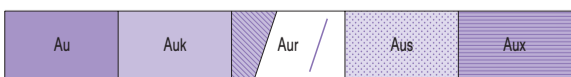
<3131 Ma



- Aoa Medium- to coarse-grained pyroxene-plagioclase-hornblende amphibolite after gabbro
- Aogf Strongly foliated metagabbro; medium to coarse grained; minor metapyroxenite



- Ab Metamorphosed mafic rock, undivided; typically deeply weathered
- Aba Fine- to medium-grained amphibolite, includes subordinate intercalations of felsic and mafic rocks; strongly foliated
- Abf Strongly foliated metamorphosed mafic rock; mainly chlorite-tremolite schist and fine-grained amphibolite with minor foliated granite intercalations
- Abg Amphibolite and subordinate chlorite and tremolite-chlorite schist; strongly foliated; interleaved with strongly foliated pegmatitic granite and locally abundant metasedimentary rock
- Abv Metabasalt, massive to weakly foliated; locally variolitic or amygdaloidal



- Au Metamorphosed ultramafic rock, undivided; typically deeply weathered
- Auk Metakomatiite; with relict olivine spinifex texture
- Aur Tremolite-chlorite(-talc) schist
- Aus Serpentine; subordinate ultramafic and mafic schist
- Aux Medium- to coarse-grained pyroxenite, metamorphosed; minor metagabbro

PROTEROZOIC

ARCHAEO

YILGARN CRATON