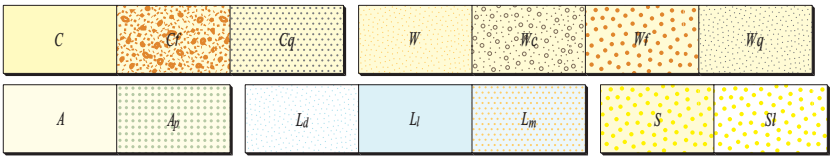


PHANEROZOIC

CAINOZOIC



Colluvial units

- C* Gravel and debris as proximal talus; includes sand and silt; locally ferruginous
- Cf* Ferruginous gravel and reworked duricrust
- Cq* Quartz-vein debris

Sheetwash units

- W* Clay, silt, and sand; locally ferruginous
- Wc* Clay-rich sheetwash
- Wf* Sheetwash deposits with abundant ferruginous grit
- Wq* Sheetwash deposits with abundant quartz-vein debris

Alluvial units

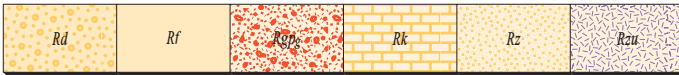
- A* Clay, silt, and gravel in drainage systems
- Ap* Clay and silt in claypans

Lacustrine units

- Ld* Dune and lake deposits; active systems within and adjacent to playa lakes
- Ll* Saline playa lake deposits
- Lm* Mixed dune, evaporite, and alluvial deposits adjacent to playa lakes

Sandplain units

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



Residual or relict units

- Rd* Siliceous and ferruginous duricrust, undivided
- Rf* Lateritic duricrust; includes iron-cemented reworked products
- Rgpg* Quartzofeldspathic sand over granitoid rock, with sparse granitoid outcrop
- Rk* Calcrete
- Rz* Silcrete
- Rzu* Siliceous caprock over ultramafic rock

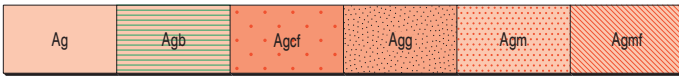
PROTEROZOIC



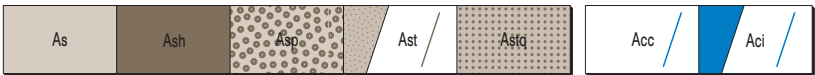
Ed Mafic and ultramafic dykes; interpreted from aeromagnetic data where dashed



q Quartz vein



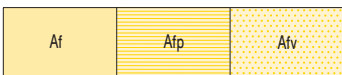
- Ag* Granitoid rock, undivided; includes deeply weathered rock and local silcrete
- Agb* Granitoid rock interleaved with subordinate greenstone
- Agcf* **COPPERFIELD MONZOGRANITE:** biotite monzogranite with prominent mineral lineation
- Agg* Granodiorite; c. 2676 Ma¹ at Day Rock
- Agm* Monzogranite, massive to foliated; fine- to coarse-grained
- Agmf* Strongly foliated monzogranite



- As* Metamorphosed sedimentary rock, undivided
- Ash* Metamorphosed shale; quartz-mica schist
- Asp* Metamorphosed sandstone and conglomerate
- Ast* Metamorphosed fine- and medium-grained sandstone
- Astq* Medium- to coarse-grained, quartz-rich sandstone; metamorphosed; common micaceous intervals; locally fuchsitic; local quartzite
- Acc* Banded chert and ferruginous chert; metamorphosed
- Aci* Metamorphosed banded iron-formation and minor banded chert

< c. 3304 Ma¹

ARCHAEOAN



- Af* Felsic volcanic and volcanoclastic rock, undivided (Section only)
- Afp* Metamorphosed quartz-feldspar porphyry; c. 2700 Ma² from Mount Ida greenstone belt
- Afv* Metamorphosed felsic volcanic rock



- Ao* Medium- and coarse-grained mafic rock; metamorphosed
- Aog* Metagabbro
- Aogx* Pyroxene-rich gabbro; metamorphosed



- Ab* Metamorphosed mafic rock, undivided; commonly weathered
- Abk* Metamorphosed komatiitic basalt with pyroxene spinifex texture
- Abv* Metabasalt, massive to foliated



- Au* Metamorphosed ultramafic rock, undivided; commonly weathered
- Aup* Peridotite, metamorphosed
- Aur* Tremolite-chlorite schist

YILGARN CRATON