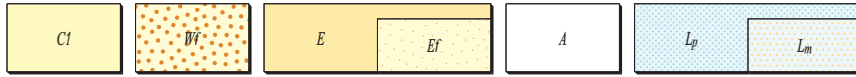


PHANEROZOIC

CAINOZOIC

QUATERNARY



Colluvial and alluvial units, second generation

- C1* Locally derived sand and gravel; in scree and outwash-fan deposits
 - Wf* Ferruginous lag gravel or gibber plain; ferricrete rubble, clay, silt, and sand; in distal outwash deposits in poorly drained areas
- Eolian units**
- E* Sand; includes sheets, and dunes with intervening sandy valleys containing local concentrations of ferricrete sand and pebbles
 - Ef* Ferricrete sand and pebbles, and sand

Alluvial unit

- A* Silt, sand, and gravel; in drainage channels and on floodplains

Lacustrine units

- Lp* Clay and silt; non-vegetated claypan deposits
- Lm* Mixed lacustrine and eolian deposits; clay, silt, and sand



Colluvial unit, first generation

- C2* Variably cemented outwash talus; dissected by present-day drainage

Residual or relict units

- Rf* Ferruginous duricrust
- Rk* Calcrete; massive, nodular, and cavernous sandy limestone; locally silicified
- Rz* Siliceous caprock with angular quartz grains



PATERSON FORMATION: sandstone, mudstone, conglomerate, and boulder conglomerate; tillite and other fluvio-glacial deposits



- od* Dolerite dyke; exposed, interpreted from aeromagnetic data
- zq* Quartz vein

Paterson Orogeny (c. 550 Ma)



MOUNT CROFTON GRANITE

- Ecr-grt* Leucocratic syenogranite; medium grained, equigranular
- Ecr-gm* Biotite monzogranite; medium to coarse grained, equigranular to porphyritic

Miles Orogeny (c. 720 Ma)



Dolarenite interbedded with dolomite, siltstone, and shale (Section only)

BROADHURST FORMATION: carbonaceous shale and siltstone, pyritic and pyrrhotitic shale, siltstone, and fine-grained sandstone

COOLBRO SANDSTONE: massive to thick-bedded quartz sandstone; minor siltstone and shale

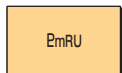


YANDANUNYAH FORMATION: siltstone, shale, and fine-grained sandstone

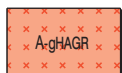
BROWNDRIGG SANDSTONE: fine- to coarse-grained quartz sandstone; pyrite nodules

WAROONGUNYAH FORMATION: shale, siltstone, sandstone, and dolomite

GOOGHENAMA FORMATION: medium- to coarse-grained sandstone and pebble to boulder conglomerate



Undivided meta-igneous and metasedimentary rocks (Section only)



GREGORY GRANITIC COMPLEX: undivided granitoid rock (Section only)

PROTEROZOIC

NEOPROTEROZOIC

c. 654 Ma¹

<1070 Ma²

<1070 Ma³

2015–1222 Ma

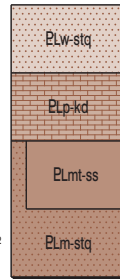
2763–2757 Ma^{4,5}

Throssell Range Group

Tarcunyah Group

Lamil Group

<1070 Ma²



WILKI FORMATION: fine- to medium-grained quartz sandstone; massive to bedded; minor shale and laminated sandstone

PUNTAPUNTA FORMATION: dominantly dolarenite interbedded with dolomite, siltstone, and shale; thinly bedded, fine to medium grained

Telfer Member: interbedded sandstone and shale; locally pyritic; minor carbonate rock

MALU FORMATION: fine- to medium-grained quartz sandstone; minor interbedded shale and dolomite (Section only)

CANNING BASIN

YENEENA BASIN

OFFICER BASIN

RUDALL COMPLEX

PILBARA CRATON

CENTRALIAN SUPERBASIN