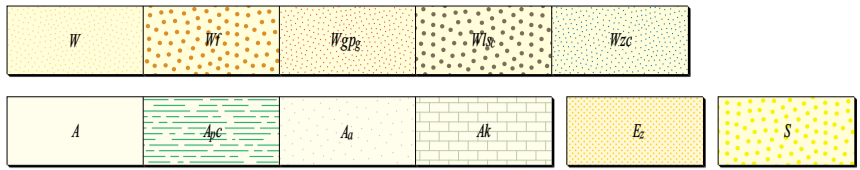


PHANEROZOIC

CENOZOIC



Sheetwash units

- W* Silt, sand, and gravel deposited on low-gradient slopes with no clear channel pattern; includes older consolidated slope deposits
- Wf* Ferruginous sheetwash, derived largely from iron-rich bedrock and adjacent ferricrete areas
- Wgpg* Granitic sheetwash derived from adjacent granitic exposures
- Wls* Cobble and boulder deposits on low-gradient slopes derived from **PATERSON FORMATION**
- Wzc* Red jasper sheetwash, derived from adjacent jasper capped siltstone and mudstone breakaways

Alluvial units

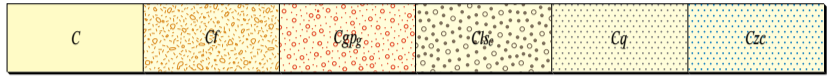
- A* Clay, silt, sand, and gravel deposited in channels and adjacent areas within channel systems; includes older consolidated alluvium
- Apc* Clay and silt in claypans
- Aa* Alluvial plain, no drainage pattern
- Ak* Calcrete developed within alluvial systems; includes calcrete now associated with lakes in palaeodrainage

Eolian unit

- Ez* Stabilized sand dune and sandplain over alluvial plain

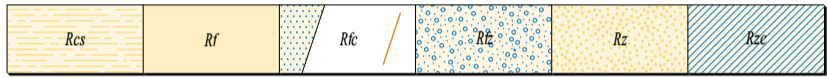
Sandplain unit

- S* Sand and subordinate silt of eolian and probable residual origin in sandplain; includes minor small dunes; sand reddened by iron-oxide coating and ferruginous pisolites



Colluvial units

- C* Colluvium; silt, sand, and gravel deposited on proximal slopes
- Cf* Ferruginous colluvium on slopes proximal to iron formation
- Cgpg* Granitic colluvium deposited on slopes proximal to granitic exposures
- Clsc* Cobble and boulder deposits on slopes derived from **PATERSON FORMATION**
- Cq* Quartz colluvium
- Czc* Colluvium of jasper and ferruginous chert on slopes adjoining granular chert and granular iron-formation

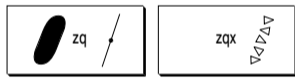
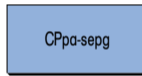


Residual or relict units

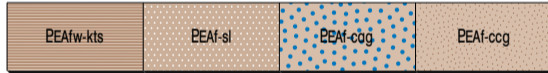
- Rcs* Saprolite overlying siltstone
- Rf* Ferruginous duricrust; nodular, pisolitic, and massive ferricrete and associated debris; commonly slightly reworked
- Rfc* Massive ferruginous chert and jasper; minor hematite and manganese; locally brecciated
- Rfc* Silico-cemented breccia of banded iron-formation clasts
- Rz* Siliceous duricrust; nodular, pisolitic, and massive silcrete and intensely silicified rock; commonly brecciated and recemented by silica
- Rzc* Siliceous duricrust overlying granular iron-formation and granular chert

PALEOZOIC

CARBONIFEROUS-PERMIAN



- zq* Quartz vein
- zqx* Zone of hydraulic fracturing



FRERE FORMATION

- EEAfw-kts* **Windidda Member:** stromatolitic carbonate and siltstone, jasper, and peloidal jasper
- EEAf-sl* Siltstone, minor granular iron-formation, and chert
- EEAf-cag* Granular iron-formation, interbedded with siltstone and mudstone
- EEAf-ccg* Granular chert-formation, locally ferruginous, interbedded with siltstone and mudstone



YELMA FORMATION

- EEAy-sl* Siltstone
- EEAy-sgz* Silicified matrix-supported polymictic conglomerate, sandstone, and siltstone
- EEAy-scz* Silicified matrix-supported conglomerate, polymictic
- EEAy-stq* Quartz sandstone, locally pebble-sized clasts; interbedded with siltstone
- EEAy-kl* Limestone

PROTEROZOIC

Earraheedy Group

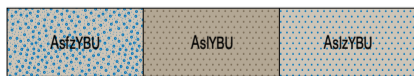
EARAHEEDY BASIN



- AmgssY* Foliated granitic rock, locally gneissic; includes amphibolite lenses
- AgY* Granitic rock undivided; includes deeply weathered rock
- Axmg-mlpY* Interleaved foliated granitic rock and phyllite



- AmhqYBU* Phyllite and interbedded quartzite
- AmpYBU* Phyllite



- AsfzYBU* Silicified coarse-grained siltstone and fine-grained sandstone
- AsiYBU* Interbedded siltstone and mudstone
- AslzYBU* Cleaved silicified siltstone and mudstone



- AccbYBU* Banded chert
- AcibYBU* Banded iron-formation, oxide facies; finely interleaved magnetite- and quartz-rich chert and/or siliceous silt; metamorphosed



- AfrpYBU* Quartz-feldspar porphyritic rock; metamorphosed; weak to schistose foliation

ARCHEAN

Burville Terrane

Eastern Goldfields Superterrane

YILGARN CRATON