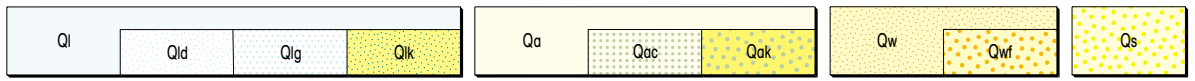


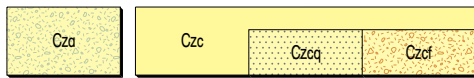
PHANEROZOIC

CAINOZOIC

QUATERNARY



- Ql Lacustrine deposits – saline silt, mud, and minor sand in playa lakes, primarily associated with palaeodrainage
- Qld Sand in dunes on and around playa lakes, in places gypsiferous
- Qlg Gypsiferous and saline bedded deposits adjacent to playa lakes
- Qlk Calcrete and gypcrete deposits in and around playa lakes
- Qa Alluvium – sand, silt, and gravel in channels and channel systems
- Qac Clay and silt in non-saline claypans
- Qak Calcrete associated with palaeodrainage and active drainage systems; locally silicified
- Qw Sheetwash deposits – sand, silt, and gravel in low-gradient sheetwash areas that lack clearly defined drainage channels
- Qwf Ferruginous gravel in low-gradient sheetwash areas
- Qs Sandplain – unconsolidated sand and minor silt and clay; with scattered low, vegetated dunes



- Cza Alluvium – semi-consolidated sand, silt, and gravel associated with palaeodrainage
- Czc Colluvium – loose to consolidated gravel, sand, and silt in moderate- to high-gradient slope deposits; locally dissected
- Czcq Quartz rubble and debris adjacent to quartz veins
- Czcf Ferruginized rubble and colluvium – dominantly ferruginized pisolites and nodules, ferruginized rock, and ironstone rubble; degraded lateritic duricrust



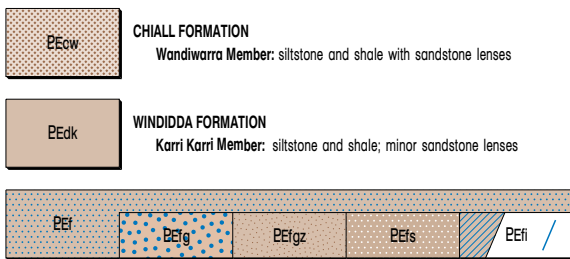
- Czrf Ferruginous duricrust; nodular, pisolitic, and massive ferricrete (laterite) and associated debris
- Czri Ironstone; ferruginized rock, massive to rubbly; includes degraded ferruginous duricrust
- Czrz Siliceous duricrust; nodular, pisolitic, and laminar silcrete, and intensely silicified bedrock



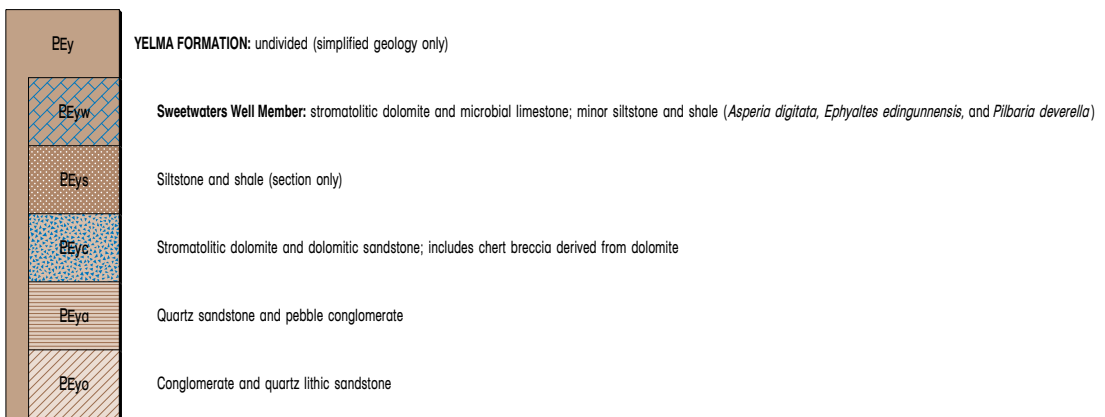
PROTEROZOIC

PALAEOPROTEROZOIC

Earaheedy Group



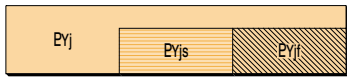
- CHIALL FORMATION**
Wandiwarra Member: siltstone and shale with sandstone lenses
- WINDIDDA FORMATION**
Karri Karri Member: siltstone and shale; minor sandstone lenses
- FRERE FORMATION:** granular iron-formation, siltstone, and shale; subordinate banded iron-formation
- Eefg Granular iron-formation and granular siliceous iron-formation, in places peloidal; minor siltstone and shale
- Eefgz Granular siliceous iron-formation and chert; subordinate siltstone and shale
- Eefs Siltstone and shale; subordinate granular iron-formation
- Eefi Banded iron-formation; supergene enriched iron-formation



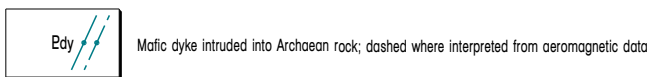
- KILLARA FORMATION:** mafic volcanic and intrusive rocks
- PYkf Fine-grained mafic intrusive rocks; sills
- PYkb Aphyric tholeiitic basalt
- PYkd Medium- to coarse-grained mafic intrusive rocks; sills

Yerrida Group

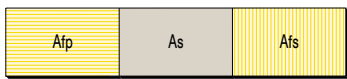
Windplain Subgroup



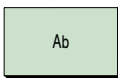
- JUDERINA FORMATION:** quartz sandstone; subordinate siltstone and chert breccia
- PYjs Siltstone and shale
- PYjf **Finlayson Member:** quartz sandstone, commonly ripple marked; subordinate siltstone



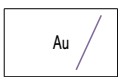
- Ag Granitoid rock, undivided; generally monzogranite
- Agm Biotite monzogranite, commonly porphyritic



- Afp Metamorphosed felsic porphyry
- As Metamorphosed sedimentary rock, undivided
- Afs Felsic schist, commonly quartz-phyric



- Ab Metamorphosed mafic rock, undivided
- Aba Amphibolite (subsurface only)
- Abae Amphibolite, epidotized (subsurface only)
- Abaf Amphibolite, foliated (subsurface only)
- Abf Metamorphosed mafic rock, schistose (subsurface only)
- Abe Metamorphosed mafic rock with epidote alteration (subsurface only)
- Aby Metamorphosed vesicular mafic rock (subsurface only)



- Au Ultramafic rock, undivided (section only)
- Auf Ultramafic rock, foliated (subsurface only)

ARCHAEAN

EARAHEEDY BASIN

YERRIDA BASIN

YILGARN CRATON