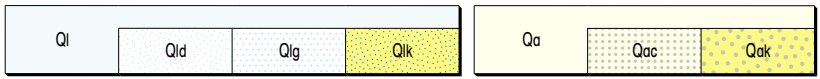


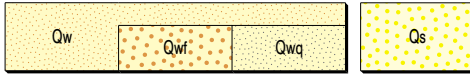
PHANEROZOIC

CAINOZOIC

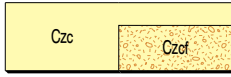
QUATERNARY



- Ql Lacustrine deposits — saline silt, mud, and minor sand in playa lakes, primarily associated with palaeodrainages
- Qld Sand in dunes on and around playa lakes
- 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
- Qwf Ferruginous gravel
- Qwq Quartz rubble and debris adjacent to quartz veins
- Qs Sandplain and dunes — unconsolidated sand and minor silt and clay



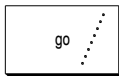
- Czc Colluvium — loose to consolidated gravel, sand, and silt; locally dissected
- Czcf Ferruginous pisoliths and nodules; subordinate ferruginized rock and ironstone rubble



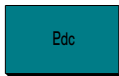
- Czrf Ferruginous duricrust; nodular, pisolitic, and massive ferricrete (laterite) and associated debris
- Czri Ironstone; ferruginized rock, massive to rubby; includes degraded ferruginous duricrust
- Czrz Siliceous duricrust; nodular, pisolitic, and laminar silcrete, and intensely silicified bedrock



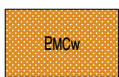
Quartz veins and pods; various ages



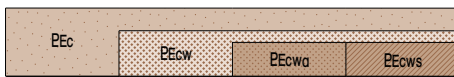
Gossan, or gossanous rock



Dolerite sill



**WONYULGUNNA SANDSTONE:** quartz sandstone, cross-bedded and commonly ripple-marked; minor siltstone and conglomerate

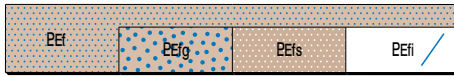


- EEc **CHIALI FORMATION:** sandstone, siltstone, and shale
- EEcw **Wandiwarra Member:** sandstone, siltstone, and shale
- EEcwa Dominantly sandstone; minor interbedded shale and siltstone
- EEcws Dominantly shale and siltstone



**WINDIDDA FORMATION**

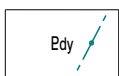
- EEdk **Karri Karri Member:** siltstone and shale, locally varvoid; minor sandstone
- EEdka Sandstone lenses



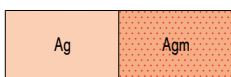
- EEf **FRERE FORMATION:** granular iron-formation, granular siliceous iron-formation, siltstone, and shale; minor banded iron-formation
- EEfg Granular iron-formation and granular siliceous iron-formation, in places peloidal; minor siltstone and shale
- EEfs Siltstone and shale; minor granular iron-formation
- EEfi Banded iron-formation; supergene enriched iron-formation



- EEy **YELMA FORMATION:** quartz sandstone, siltstone, shale, and associated chert breccia
- EEyw **Sweetwaters Well Member:** stromatolitic dolomite, microbial limestone, and chert breccia derived from dolomite
- EEys Stromatolitic dolomite and dolomitic sandstone; includes chert breccia derived from dolomite
- EEys Siltstone and shale; minor chert
- EEya Quartz sandstone and pebble conglomerate
- EEyy **Yadgimurrin Member:** polymictic conglomerate, matrix supported



Mafic dyke, interpreted from aeromagnetic data; intruded into Archaean rock



- Ag Granitoid rock; lateritized, silicitized, and kaolinized
- Agm Predominantly monzogranite; locally cataclastic and silicitized
- Agmk Monzogranite with potassic alteration (subsurface only)

PROTEROZOIC

PALAEOPROTEROZOIC

Eoraheedy Group

Bangemall Group

Collier Subgroup

MESOPROTEROZOIC

EORAHEEDY BASIN

BANGEMALL BASIN

ARCHAEAN

MARYMIA INLIER

YILGARN CRATON