

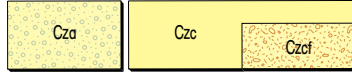
PHANEROZOIC

CAINOZOIC

QUATERNARY



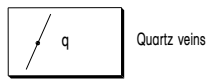
- Ql Lacustrine deposits — saline silt, mud, and minor sand in playa lakes; primarily associated with palaeodrainage systems
- Qld Sand in dunes on and around playa lakes; in places gypsiferous
- Qlg Gypsiferous and saline bedded deposits adjacent to lakes
- Qa Alluvium — sand, silt, and gravel in channels and channel systems; poorly consolidated
- Qac Clay and silt in non-saline claypans
- Qak Calcrete associated with palaeodrainage and active drainage systems
- Qw Sheetwash deposits — sand, silt, and gravel in areas that lack clearly defined drainage channels
- Qwf Ferruginous gravel
- Qwq Quartz rubble adjacent to quartz veins and blows
- Qs Sandplain and dunes — sand and minor silt; largely eolian; minor residual component



- Cza Alluvium — consolidated and semi-consolidated sand, silt, and gravel associated with palaeodrainage systems
- Czc Colluvium — gravel, sand, and silt, commonly consolidated and dissected
- Czcf Ferruginous pisoliths and nodules; subordinate ferruginized rock and ironstone rubble



- Czrf Ferruginous duricrust; nodular, pisolitic, and massive ferricrete, and associated debris
- Czrz Siliceous duricrust; nodular, pisolitic, and massive silcrete, and intensely silicified rock



- ESg **GLASS SPRING FORMATION:** poorly sorted, cross-bedded sandstone and pebble conglomerate; fluvial to ?coastal deposits
- ESgs Siltstone and shale interval

NEOPROTEROZOIC

Sunbeam Group

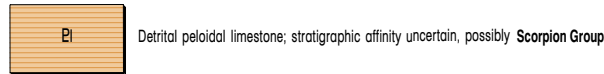
OFFICER BASIN

MESOPROTEROZOIC

Bangemall Group  
Collier Subgroup



- EMCw **WONYULGUNNA SANDSTONE:** quartz sandstone and subordinate siltstone, commonly cross-bedded; local basal conglomerate; giant cross-bedding near base; fluvial and coastal deposits
- EMCws Siltstone and shale interval
- EMCwo Basal pebble to cobble conglomerate



BANGEMALL BASIN

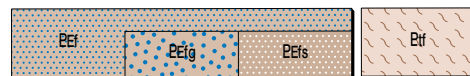
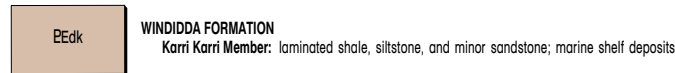
PROTEROZOIC

PALAEOPROTEROZOIC

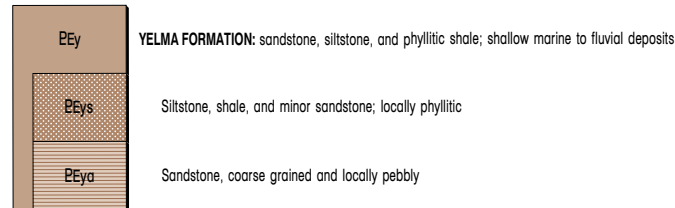
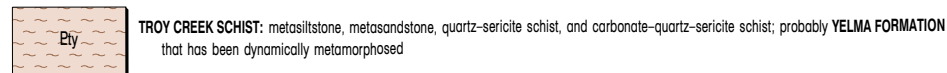
Eraoheedy Group



- CHIALL FORMATION**
- EEcw **Wandiwarra Member:** siltstone, shale, and fine-grained sandstone; marine shelf deposits
- EEcwa Fine- and very fine-grained sandstone, commonly hummocky cross-stratified; subordinate interbedded siltstone and shale; storm and mass-flow deposits
- Etc **TROY CREEK SCHIST:** metasandstone, metasiltstone, and quartz-sericite schist; probably **CHIALL FORMATION** that has been dynamically metamorphosed



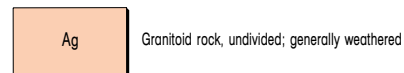
- EEF **FRERE FORMATION:** granular and laminar iron-formation, granular siliceous iron-formation, siltstone, shale, and chert; marine deposits
- EEfg Granular and laminar iron-formation and granular siliceous iron-formation, in places peloidal; minor siltstone, shale, and chert
- EEfs Siltstone and shale; minor iron-formation and chert
- Etf **TROY CREEK SCHIST:** metasandstone, quartz-sericite schist, metamorphosed granular iron-formation, and laminated chert-magnetite-haematite rock; probably **FRERE FORMATION** that has been dynamically metamorphosed



- YELMA FORMATION:** sandstone, siltstone, and phyllitic shale; shallow marine to fluvial deposits
- EEys Siltstone, shale, and minor sandstone; locally phyllitic
- EEya Sandstone, coarse grained and locally pebbly

ERAOHEEDY BASIN

ARCHAIC



YILGARN CRATON