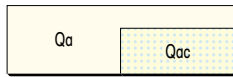


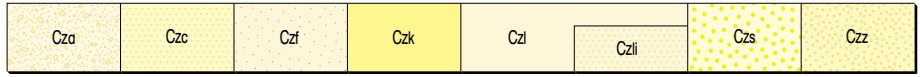
PHANEROZOIC

CAINOZOIC

QUATERNARY



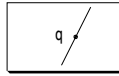
Qa Alluvium—sand and silt in channels and floodplains
 Qac Clay and silt in claypans



Cza Sheetwash deposits—ferruginous clay, silt, and sand as extensive fans
 Czc Colluvium—gravel, sand, and silt as scree and sheetwash
 Czf Ferruginized rubble and colluvium—dominantly ferruginized pisolites and nodules, ferruginized rock and ironstone rubble; degraded lateritic duricrust
 Czj Calcrete
 Czi Lateritic deposits—nodular and pisolitic laterite, and associated debris
 Czli Ironstone duricrust; massive and rubbly
 Czs Sandplain deposits—unconsolidated sand; minor silt and clay; includes low, vegetated dunes
 Czz Silcrete

PROTEROZOIC

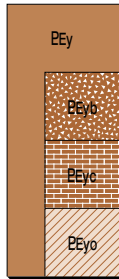
Earraheedy Group



Quartz veins



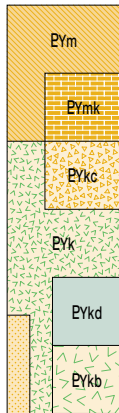
Dolerite dykes; interpreted from aeromagnetic data



YELMA FORMATION: laminated dolomitic siltstone and shale, locally graded; minor dolomite lenses, stromatolites, and chert bands
 Chert and chert breccia after carbonate, stromatolites, and argillite
 Stromatolitic dolomite; minor argillaceous and chert bands
 Cross-stratified quartz sandstone with basal chert and quartz conglomerate; minor argillite and dolomite

Yerrida Group

Mooloolool Subgroup



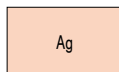
MARALOOU FORMATION: argillaceous dolomitic limestone and interbedded siltstone; minor thin bedded limestone and dolomite
 Dolomitic and calcareous siltstone with layers of disseminated iron-rich concretions; minor quartz arenite and quartz wacke
Bartle Member: chert, chert breccia, laminated chert, and chertified sedimentary rock; locally with pseudomorphs of anhydrite crystals and nodules; minor basaltic lava
KILLARA FORMATION: undivided mafic rocks (coeval and interbedded with THADUNA and DOOLGUNNA FORMATIONS)
 Dolerite and gabbro, mainly in sills; minor disseminated sulfides (hypabyssal equivalent of PYk)
 Basaltic lava; locally amygdaloidal; minor nontronite layers

Winoplain Subgroup



THADUNA FORMATION: undifferentiated siliciclastic sedimentary rocks and chert (coeval and interbedded with KILLARA and DOOLGUNNA FORMATIONS)
 Litharenite and lithic wacke; locally mica-bearing and feldspathic; minor conglomerate
 Quartzose to feldspathic litharenite and lithic wacke, with shale and siltstone; minor conglomerate
 Litharenite, ferruginous quartz arenite, quartz wacke, and shale
DOOLGUNNA FORMATION: arkosic sandstone; minor subarkosic to quartzose sandstone, granule conglomerate, and shale in upward thinning turbidite cycles (coeval and interbedded with KILLARA and THADUNA FORMATIONS)
JOHNSON CAIRN FORMATION: shale and siltstone, partly carbonaceous and dolomitic; minor quartz arenite, wacke, dolomite lenses, and disseminated lenses of iron-rich concretions
JUDERINA FORMATION: undivided siliciclastic and carbonate sedimentary rock (not on map)
Bubble Member: laminated stromatolitic chert, stromatolitic carbonate beds, and dolostone (section only)
Finlayson Member: quartz arenite; planar bedded on cross-stratified minor pebble conglomerate and intercalated siltstone

ARCHAIC



Undivided granitoid rock and greenstone (section only)

EARAHEEDY BASIN

YERRIDA BASIN

YILGARN CRATON