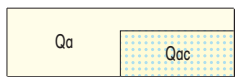


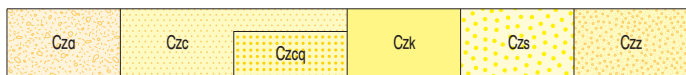
PHANEROZOIC

CAINOZOIC

QUATERNARY



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



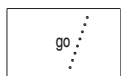
Cza Sheetwash deposits—ferruginous clay, silt, and sand as extensive fans
Czc Colluvium—gravel, sand, and silt as scree and sheetwash
Czaq Quartz vein rubble and debris
Czk Calcrete
Czs Sandplain deposits—unconsolidated sand; minor silt and clay; includes low, vegetated dunes
Czz Silcrete



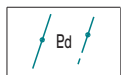
Czf Ferruginized rubble and colluvium—dominantly ferruginized pisolites, nodules, rock, and ironstone rubble; degraded lateritic duricrust
Czg Sand over granitoid rock—includes quartzfeldspathic sand
Czl Lateritic deposits—nodular and pisolitic laterite, and associated debris



Quartz vein



Gossan; gossanous zone



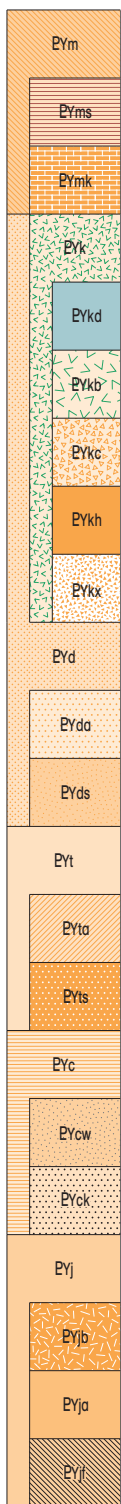
Dolerite dyke; dashed where interpreted from aeromagnetic data

PROTEROZOIC

Yerrida Group

Mooloogool Subgroup

Windplain Subgroup



PM **MARALOOU FORMATION:** thin-bedded siltstone and carbonaceous shale; local quartz wacke, intercalated basalt, and dolerite sills

PMs Thin-bedded siltstone

PMk Fine-grained dolomitic rocks and calcareous siltstone; local intercalations of thin amygdaloidal basalt

PK **KILLARA FORMATION:** undivided mafic intrusive and extrusive rocks

PKd Dolerite in dykes and sills

PKb Aphyric tholeiitic basaltic lava

PKc **Bartle Member:** chertified microbial laminites with barite and anhydrite nodules

PKh Chert, and silicified mafic rock

PKx Basaltic volcanic breccia

PD **DOOLGUNNA FORMATION:** arkosic sandstone; minor granulestone (section only)

PDa Arkosic wacke, and kaolinic quartz wacke; minor pebble beds

PDs Laminated quartz sandstone; minor pebble beds

PT **THADUNA FORMATION:** lithic wacke; subordinate shale

PTa Quartz wacke and litharenite; minor shale

PTs Siltstone and shale; minor quartz wacke locally containing fragments of basaltic scoria, and thin mafic volcanoclastic lenses

PC **JOHNSON CAIRN FORMATION:** argillaceous siltstone and thin-bedded dolomite; minor wacke and arenite; (brecciated rock)

PCw Quartz wacke and minor shale

PCk Dolomitic rocks, locally oolitic; locally intercalated with basaltic lava

PJ **JUDERINA FORMATION:** quartz sandstone; minor ferruginous quartz arenite; local siltstone, chert breccia, and pebble beds

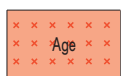
PJb **Bubble Well Member:** stromatolitic chert and chert breccia

PJa Thick-bedded arenite with widespread mudstone intraclasts; minor intercalated shales

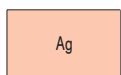
PJf **Finlayson Member:** quartz arenite; commonly ripple-marked

YERRIDA BASIN

ARCHAEOAN



Equigranular to porphyritic granitoid rock, undivided; with aplitic phases



Granitoid rock, undivided; locally saprolitic

GOODIN INJLER

YILGARN CRATON