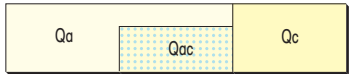


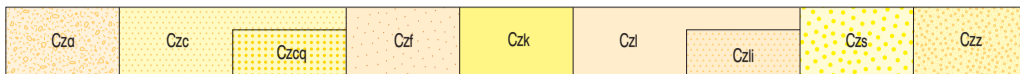
PHANEROZOIC

CAINOZOIC

QUATERNARY



Qa Alluvium—silt and sand in channels and floodplains  
 Qac Clay and silt in claypans  
 Qc Colluvium—unconsolidated rock fragments on scree slopes



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

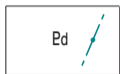
PROTEROZOIC

PROTEROZOIC

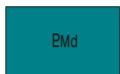
QUATERNARY



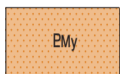
Quartz veins and pods



Dolerite dyke; inferred from aeromagnetic data



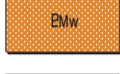
Dolerite



CALYIE FORMATION: quartz arenite; well-bedded



BACKDOOR FORMATION: siltstone, shale, and laminated chert



WONJULGUNNA SANDSTONE: quartz sandstone; thick-bedded; minor conglomerate

c. 1785 Ma

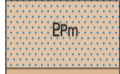
Bangemall Group



MOUNT LEAKE FORMATION: quartz arenite; glauconitic in places



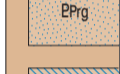
Chert breccia, jasperoidal chert



MILLIDIE CREEK FORMATION: sandstone and ferruginous shale; minor granular iron-formation



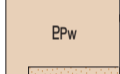
ROBINSON RANGE FORMATION: ferruginous shale locally sericitic; minor granular iron-formation



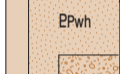
Granular iron-formation



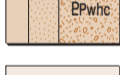
Banded iron-formation



WILTHORPE FORMATION: conglomerate, sandstone, and siltstone (not on map)



Heines Member: sandstone and shale; minor quartz wacke and lenses of polymictic conglomerate



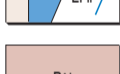
Polymictic conglomerate



LABOUCHERE FORMATION: arenite, quartz wacke, shale, and quartz pebble conglomerate lenses in upward fining cycles



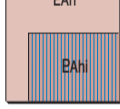
Quartz sandstone



Banded iron-formation

c. 2015 Ma

Pedbury Group



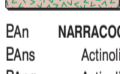
HORSESHOE FORMATION: metamorphosed quartz wacke and manganese shale; intercalated garnetiferous banded iron-formation



Garnetiferous banded iron-formation



RAVELSTONE FORMATION: lithic and quartz wacke; metamorphosed



NARRACOOTA FORMATION: metabasaltic lavas; locally with pillow structures and dolerite sills (▷▷▷▷ brecciated rock)



Actinolite(-chlorite-epidote) schist; after basaltic lavas



Actinolite-actinolite schist



Metadolerite sills and dykes



Metabasaltic hyaloclastite



Metabasaltic vent breccia



Jasperoidal chert

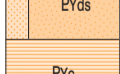


Sandstone and shale; metamorphosed

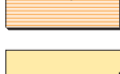


KARALUNDI FORMATION: sandstone; locally ferruginous; with shale and conglomerate lenses; metamorphosed

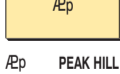
Yerrida Group



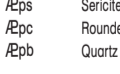
DOOLGUNNA FORMATION: arkosic wacke; minor granule conglomerate



Diamictite; polymictic conglomerate and breccia in arkosic matrix

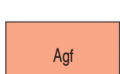


Feldspathic wacke and quartzfeldspathic sandstone; minor quartz and chert conglomerate lenses

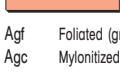


JOHNSON CAIRN FORMATION: laminated siltstone and shale; minor turbidite and feldspathic sandstone; local thin dolomite beds

Windplain Subgroup



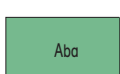
PEAK HILL SCHIST: mylonitic schist, phyllonite, quartz-muscovite schist and calc-silicate schist; minor metabasite



Sericite schist



Rounded fragments of quartz mylonite in quartz-sericite matrix

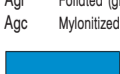


Quartz blastomylonite and quartz mylonite

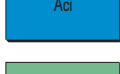
c. 2670 Ma

UNCERTAIN AGE

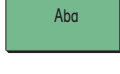
ARCHAEO



Foliated (gneissic), cataclastic, and porphyritic granitoid rocks; with aplitic phases and enclaves of calc-silicate rocks



Mylonitized granitoid rock



Banded iron-formation; metamorphosed



Amphibolite, undivided

BANGEMALL BASIN

EAPRAHEEDY BASIN

PADBURY BASIN

BRYAH BASIN

YERRIDA BASIN

MARYMIA INLIER