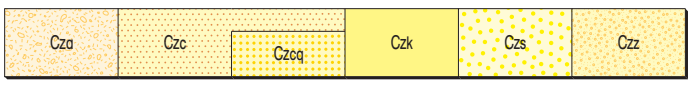
PHANEROZOIC

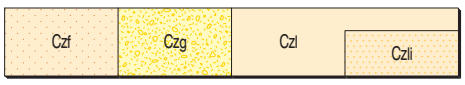
CAINOZOIC

QUATERNARY

Qa Alluvial deposits — sand and silt in channels and floodplains
Qac Clay and silt in claypans

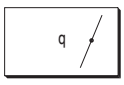


Cza Sheetwash deposits — ferruginous clay, silt, and sand as extensive fans
Czc Colluvium — gravel, sand, and silt as scree and sheetwash
Czcq Quartz vein rubble and debris
Czk Calcrete
Czs Sandplain deposits — unconsolidated sand; minor silt and clay; includes low, vegetated dunes
Czz Silcrete

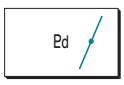


Czf Ferruginized rubble and colluvium — dominantly ferruginized pisolites and nodules, ferruginized rock, and ironstone rubble; degraded lateritic duricrust
Czg Sand over granitoid rock — includes quartzofeldspathic sand
Czl Lateritic deposits — nodular and pisolitic laterite, and associated debris
Czli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

PROTEROZOIC

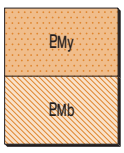


Quartz veins



Dolerite dykes

Bangemall Group



CALYIE FORMATION: quartz arenite, well-bedded

BACKDOOR FORMATION: laminated siltstone and shale

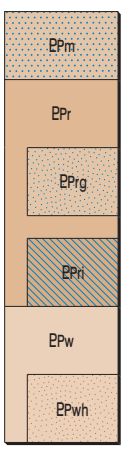
BANGEMALL BASIN

Earaheedy Group

MOUNT LEAKE FORMATION: quartz arenite and silicified stromatolitic carbonate

EARAHEEDY BASIN

Padbury Group



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

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

Granular iron-formation; minor shale

Banded iron-formation

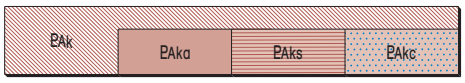
WILTHORPE FORMATION: conglomerate, sandstone, and siltstone (not on map)

Heines Member: shale with fine-grained lithic and quartz wacke

PADBURY BASIN

Bryah Group

PAn **NARRACOOTA FORMATION:** metabasaltic lava; locally with pillow structures, dolerite sills, and dykes
PAnd Dolerite sills; metamorphosed; hypabyssal facies of PAn
PAnb Metabasaltic breccia



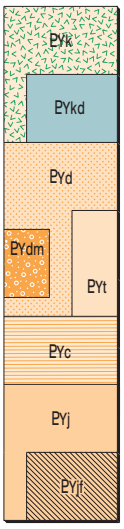
PAk **KARALUNDI FORMATION:** shale, sandstone, and granule conglomerate; metamorphosed (section only)
PAka Sandstone; locally ferruginous, with conglomerate lenses; metamorphosed
PAks Shale; metamorphosed
PAkc Chert and fine-grained siliciclastic sedimentary rock; metamorphosed

BRYAH BASIN

Yerrida Group

Mooloogool Subgroup

Windplain Subgroup



KILLARA FORMATION: undivided mafic igneous rocks and related sedimentary rocks (not on map)

Dolerite sills; hypabyssal equivalent of PYk

DOOLGUNNA FORMATION: arkosic wacke and siltstone with pebble conglomerate locally

PYdm Diamictite: polymictic conglomerate and breccia in arkosic matrix

THADUNA FORMATION: lithic sandstone, locally coarse-grained; siltstone, and shale

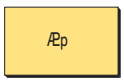
JOHNSON CAIRN FORMATION: laminated siltstone and shale; minor feldspathic sandstone, local thin dolomite beds

JUDERINA FORMATION: undivided siliciclastic and carbonate sedimentary rocks (not on map)

Finlayson Member: quartz arenite; local siltstone and chert breccia

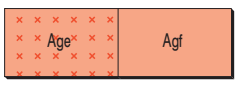
YERRIDA BASIN

ARCHAEAN



PEAK HILL SCHIST: quartz sericite schist

c. 2624 ± 8 Ma



Age Equigranular to porphyritic granitoid rock, undivided; with aplitic phases
Agf Foliated (gneissic), cataclastic, and porphyritic granitoid rock; with aplitic phases and inclusions of calc-silicate rocks

Banded iron-formation; metamorphosed

Amphibolite; undivided

MARYMIA and GOODIN INLIERS