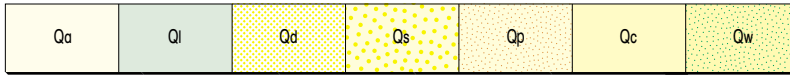


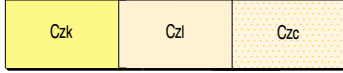
PHANEROZOIC

CAINOZOIC

QUATERNARY



- Qa Alluvium—clay, silt, sand, and gravel; in drainage channels and adjacent flood plains
- Ql Lacustrine deposits—clay, mud, and silt, mostly saline; commonly gypsiferous
- Qd Mixed lacustrine and eolian deposits—clay, mud, silt, and sand; mostly saline; gypsum dunes (kopi)
- Qs Eolian sand—in sheets and dunes; longitudinal (seif), chain, net, and pyramidal dunes
- Qp Eolian sand—in sheets and interdunal areas; sand, ferruginous sand with ironstone pebble veneer, derived from Czl
- Qc Colluvium and minor alluvium—quartz pebble and rock fragment veneer on sand and silt adjacent to bedrock; scree deposits
- Qw Colluvium and alluvium—clay, silt, sand, and gravel on broad sheetwash areas; distinctive striped air photo pattern to vegetation



- Czk Calcrete—carbonate in sheets, mainly confined to palaeodrainage lines; some secondary silicification at surface
- Czl Laterite—massive, pisolitic, pebbly, and nodular ferruginous deposits; overlies leached bedrock
- Czc Colluvium—partly consolidated and consolidated ferruginized silt, sand, gravel; old valley-fill deposits dissected by present drainage



Fine-grained dolerite dykes; kaolinized weathered outcrop; various ages



Medium- to coarse-grained dolerite, granophyric in places; in sills, dykes, and irregular intrusions

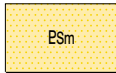


Basalt, amygdaloidal and porphyritic basalt, fine-grained dolerite; in sills, dykes, and small intrusions

c.810 Ma

LATE PROTEROZOIC

Savory Group



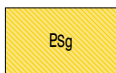
MUNDADJINI FORMATION: fine- to coarse-grained sandstone, siltstone; minor shale, mudstone, conglomerate, dolomite, halite-bearing sandstone



SPEARHOLE FORMATION: coarse- to medium-grained sandstone, pebbly sandstone, granule sandstone, conglomerate and siltstone lenses



JILYILI FORMATION: fine- to medium-grained sandstone, siltstone; subordinate shale, mudstone, pebbly mudstone, thin-bedded conglomerate



GLASS SPRING FORMATION: medium- to coarse-grained sandstone, granule sandstone, conglomerate lenses; minor siltstone

SAVORY BASIN

c.1300 Ma

MIDDLE PROTEROZOIC

Bangemall Group
 Collier Subgroup
 Kahriban Subgroup



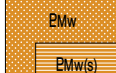
Medium- to coarse-grained dolerite; in sills, dykes, and irregular intrusions



CALYIE FORMATION: medium- to fine-grained sandstone, siltstone, shale



BACKDOOR FORMATION: shale, siltstone, medium- to fine-grained sandstone, minor chert



WONYULGUNNA SANDSTONE: coarse- to medium-grained sandstone; minor conglomerate

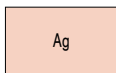


COONABILDIE FORMATION: coarse- to fine-grained sandstone, micaceous siltstone, shale

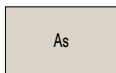
BANGEMALL BASIN

ARCHAEOEN

c.2600 Ma



Granitoid rock; foliated, gneissic



Schist, quartzite, metasedimentary rocks

MARYMMA DOME