

PHANEROZOIC

CAINOZOIC

QUATERNARY

Qa	Ql	Qd	Qs	Qp	Qc	Qw
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- 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; some 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 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	Czl
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- 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



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



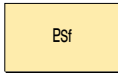
Medium- to coarse-grained dolerite, granophyric in places; in sills, dykes, and irregular intrusions



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



DURBA SANDSTONE: medium- to coarse-grained sandstone, with minor basal conglomerate lenses



McFADDEN FORMATION: laminated fine- to coarse-grained sandstone, feldspathic sandstone, quartz wacke; minor conglomerate, siltstone



BOONDAWARI FORMATION: glaciogene diamictite, sandstone, siltstone, shale, calcareous shale

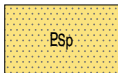
c.610 Ma



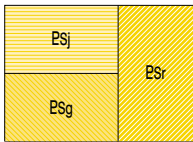
- ESm **MUNDADJINI FORMATION:** fine- to coarse-grained sandstone, conglomerate, siltstone; minor shale, mudstone, stromatolitic dolomite, evaporite
- ESs **SKATES HILLS FORMATION:** thin-bedded stromatolitic dolomite, chert, evaporite, fine- to medium-grained sandstone, siltstone, shale, conglomerate

c.810 Ma

Savory Group



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



BRASSEY RANGE FORMATION: fine- to medium-grained sandstone, siltstone, shale, minor coarse-grained sandstone

ESj **JILYILI FORMATION:** fine- to medium-grained sandstone

ESg **GLASS SPRING FORMATION:** medium- to coarse-grained sandstone

LATE PROTEROZOIC

PROTEROZOIC

SAVORY BASIN

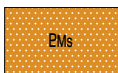
MIDDLE PROTEROZOIC

c.1300 Ma

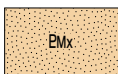
Bangemall Group
Kairiuan Subgroup



Fine- to medium-grained dolerite; in sills, dykes, and irregular intrusions



CORNELIA FORMATION: fine- to medium-grained sandstone, siltstone, mudstone; minor glauconitic sandstone, pebble conglomerate



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

BANGEMALL BASIN