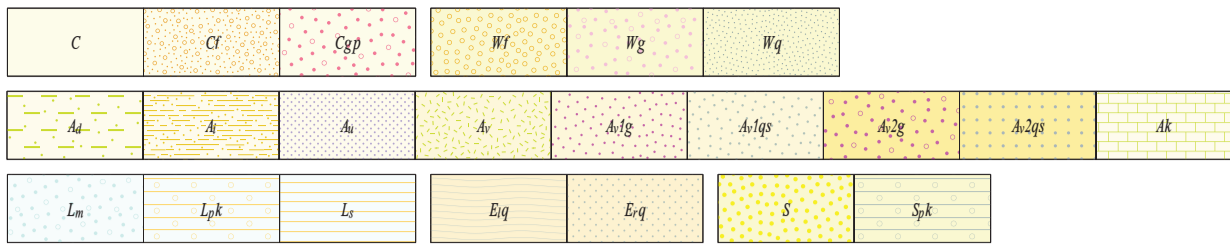


PHANEROZOIC

CENOZOIC



Colluvial units, age undivided or unassigned

- C* Colluvium derived from different rock types; includes gravel, sand, silt and clay
- Cf* Ferruginous clay, silt, and sand in colluvial deposits
- Cgp* Quartzofeldspathic clay, silt, and sand in colluvial deposits; derived from plutonic rocks

Sheetwash units, age undivided or unassigned

- Wf* Clay, silt, and sand with abundant ferruginous grit
- Wg* Clay, silt, and sand sheetwash deposits, commonly derived from granitic rocks
- Wq* Quartz-rich silt and sand, with minor clay

Alluvial units, age undivided or unassigned

- Ad* Clay, silt, and sand in drainage depressions
- Ai* Clay, silt, and sand on floodplain with numerous claypans
- Au* Clay, silt, and sand in superficial channels
- Av* Clay, silt, and sand in alluvial fan deposits
- Av1g* Unconsolidated quartzofeldspathic sand, silt, and clay in alluvial fan deposits
- Av1qs* Unconsolidated quartz-rich silt and sand with minor clay in alluvial fan deposits; derived from sedimentary rocks
- Av2g* Semiconsolidated quartzofeldspathic sand, silt, and clay in alluvial fan deposits
- Av2qs* Semiconsolidated quartz-rich silt and sand with minor clay in alluvial fan deposits; derived from sedimentary rocks
- Ak* Carbonate-cemented alluvium and fluvial deposits, and valley calcrete; locally silicified

Lacustrine units, age undivided or unassigned

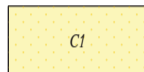
- Lm* Clay, silt, and sand in dune and playa deposits
- Lpk* Clay, silt, and sand in carbonate-rich playa deposits
- Ls* Saline lake, rimmed by evaporitic gypsum and carbonate deposits

Eolian units, age undivided or unassigned

- Eliq* Quartz-rich sand in longitudinal dunefield
- Erq* Quartz-rich sand in eolian sandplain

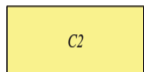
Sandplain units, age undivided or unassigned

- S* Sandplain
- Spk* Clay, silt, and sand in carbonate-rich sandplain and playa deposits



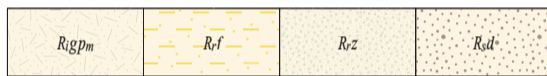
Colluvial unit, unconsolidated

- C1* Unconsolidated clay, silt, and sand in colluvial deposits



Colluvial unit, weakly consolidated

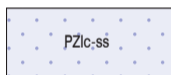
- C2* Semiconsolidated clay, silt, and sand in colluvial deposits



Residual or relict units

- R1gpm* Quartzofeldspathic sand, silt, and clay derived from weathered monzonite
- R1f* Ferruginous duricrust and iron-cemented products
- R1z* Siliceous duricrust
- R1d* Residual sand, with minor clay and silt

PALEOZOIC

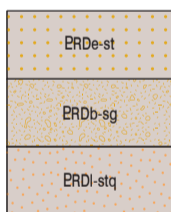


LUCAS FORMATION: sandstone (partly calcareous), siltstone, and mudstone; minor limestone and conglomerate

CANNING BASIN

NEOPROTEROZOIC

Redcliff Pound Group



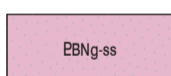
ERICA SANDSTONE: lithic sandstone and quartz sandstone

MURRABA FORMATION: chert-clast granule and pebble conglomerate, sandstone, siltstone, and mudstone; minor limestone; thin bedded

LEWIS RANGE SANDSTONE: cross-bedded quartz sandstone with ripple marks; minor sandstone, conglomerate, and siltstone

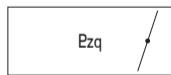
MURRABA BASIN
CENTRALIAN SUPERBASIN

Birringudu Group



GARDINER SANDSTONE: cross-bedded, white, medium- to coarse-grained, poorly sorted quartz sandstone with siltstone and shale; minor glauconitic sandstone and flaggy dolomitic sandstone, and basal conglomerate; shallow marine to emergent

BIRRINGUDU BASIN



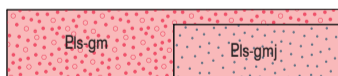
Massive, coarse-grained quartz vein

Stafford Event (1810–1790 Ma¹)



Biotite monzogranite

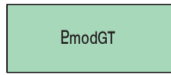
c. 1796 Ma²



LEWIS GRANITE

- Els-gm* Muscovite and biotite monzogranite; locally porphyritic; minor biotite granodiorite
- Els-gmj* Magnetite-bearing monzogranite

Tanami Event (1850–1830 Ma¹)

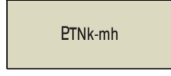


Metadolerite; greenschist to amphibolite facies

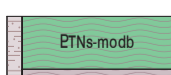
Tanami Group



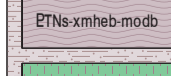
KILLI KILLI FORMATION: contact-metamorphosed feldspathic metawacke, metasandstone, metasiltstone, and metamudstone; biotite zone



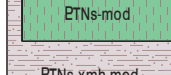
Feldspathic metawacke, metasandstone, metasiltstone, and metamudstone; minor quartzite, banded metachert, metabasalt, metadolerite, and metagabbro



Contact-metamorphosed dolerite; biotite zone

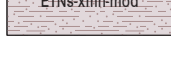


Contact-metamorphosed psammite and pelite, and metadolerite; biotite zone



Metamorphosed dolerite sill; minor interlayered, metamorphosed feldspathic wacke, sandstone, siltstone, and mudstone

c. 1864 Ma³



STUBBINS FORMATION: metamorphosed feldspathic wacke, sandstone, siltstone, mudstone, and dolerite and gabbro sills; minor quartzite, metamorphosed banded chert, and metabasalt

GRANITES-TANAMI OROGEN