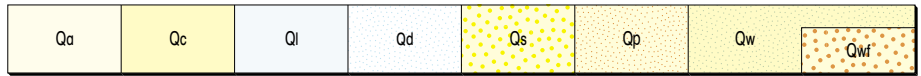


PHANEROZOIC

CAINOZOIC



- Qa Alluvium — silt, sand, and gravel; in drainage channels and on floodplains
- Qc Colluvium — locally derived sand and gravel; in scree and outwash-fan deposits
- Ql Lacustrine deposits — clay, silt, and silty sand; playa and claypan deposits
- Qd Mixed lacustrine and eolian deposits — clay, silt, and sand
- Qs Eolian deposits — sand; includes sheets, and dunes with intervening sandy valleys
- Qp Lag and eolian deposits — ferricrete sand and pebbles
- Qw Colluvial and alluvial deposits — clay, silt, sand, and gravel; in distal outwash deposits in poorly drained areas; numerous small claypans
- Qwf Ferruginous lag gravel or gibber plain; ferricrete rubble, clay, silt, and sand; in distal outwash deposits in poorly drained areas



- Czc Colluvium — variably cemented outwash talus; dissected by present-day drainage
- Czcg Colluvial and eluvial pebbly sand, silt, and clay; partly consolidated; derived from the PATERSON FORMATION
- Czk Calcrete — massive, nodular, and cavernous sandy limestone; locally silicified
- Czz Silcrete — siliceous caprock with angular quartz grains
- Czf Ferricrete — ferruginous duricrust

MESOZOIC

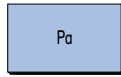
JURASSIC - EARLY CRETACEOUS



CALLAWA FORMATION: fine- to coarse-grained, cross-bedded sandstone, and conglomerate; minor siltstone; fluvialite deposit

PALAEZOIC

PERMIAN

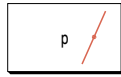


PATERSON FORMATION: sandstone, claystone, conglomerate, and boulder beds; tillite and other fluvio-glacial deposits

CANNING BASIN



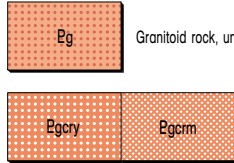
- d Dolerite dyke; dashed where interpreted from aeromagnetic data
- q Quartz vein
- qt Quartz-tourmaline vein



Pegmatite

NEOPROTEROZOIC

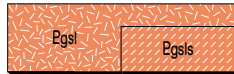
c. 621 Ma



MOUNT CROFTON GRANITE

- Egry Leucocratic syenogranite; medium-grained, equigranular
- Egcm Biotite monzogranite; medium- to coarse-grained

c. 628 Ma



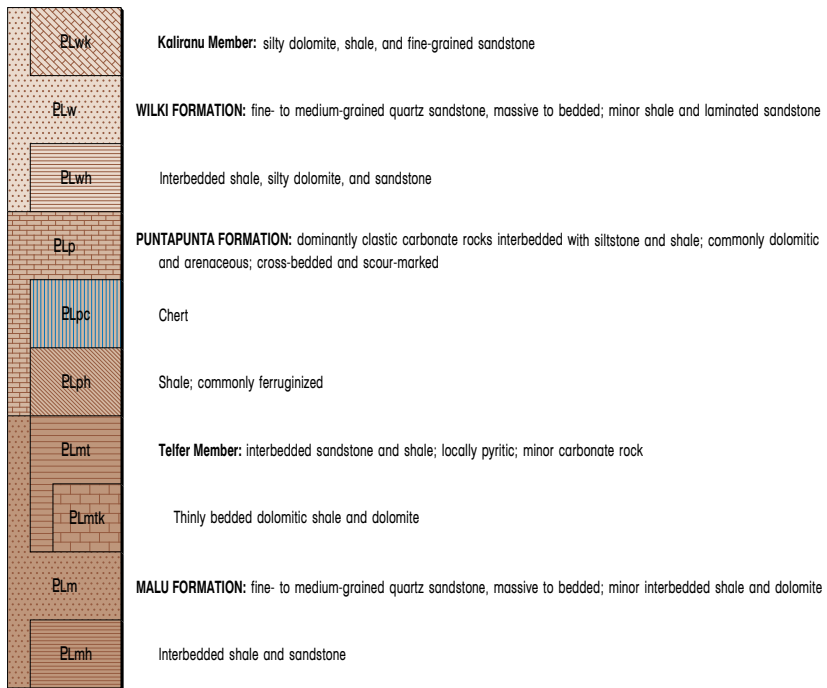
- Egsi Leucocratic syenogranite and monzogranite; coarse-grained, equigranular
- Egsis Leucocratic syenogranite and monzogranite, sheared

PROTEROZOIC

MESOPROTEROZOIC - NEOPROTEROZOIC

Yeneena Supergroup

Lamil Group



Kalirau Member: silty dolomite, shale, and fine-grained sandstone

WILKI FORMATION: fine- to medium-grained quartz sandstone, massive to bedded; minor shale and laminated sandstone

Interbedded shale, silty dolomite, and sandstone

PUNTAPUNTA FORMATION: dominantly clastic carbonate rocks interbedded with siltstone and shale; commonly dolomitic and arenaceous; cross-bedded and scour-marked

Chert

Shale; commonly ferruginized

Telfer Member: interbedded sandstone and shale; locally pyritic; minor carbonate rock

Thinly bedded dolomitic shale and dolomite

MALU FORMATION: fine- to medium-grained quartz sandstone, massive to bedded; minor interbedded shale and dolomite

Interbedded shale and sandstone



- EL(k) Interbedded dolomite and shale; thinly bedded, fine- to medium-grained
- EL(km) Marble; hornfelsed carbonate rock
- EL(a) Fine- to medium-grained quartz sandstone and minor siltstone; massive to bedded
- EL(sh) Interbedded sandstone and shale
- EL(h) Shale; commonly ferruginized
- EL(c) Chert

PATERSON OROGEN

YENEENA BASIN