

REFERENCE

QUATERNARY



Ora Alluvium—unconsolidated sand, silt and gravel, associated with watercourses
 Org Colluvium—unconsolidated sand, silt, gravel and rubble, minor alluvial and eolian deposits

CAINOZOIC



Crc Hardpan—consolidated colluvium and alluvium: silt, sand, gravel and rubble
 Czk Calcrete and kankar



Czl Laterite and ferruginous deposits
 Czd Chalcedonic capping on dolomite



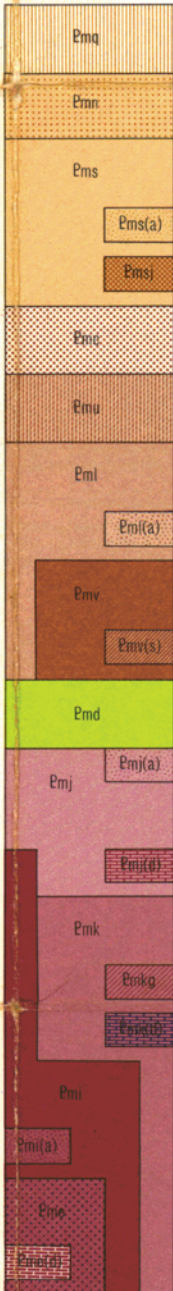
Quartz vein



Dolerite sill (b) and basalt dyke (d)

MIDDLE PROTEROZOIC

Bangemall Group



KURABUKA FORMATION: white shale, siliceous in outcrop; brown and green shale, siltstone, minor dolomite

MT VERNON SANDSTONE: white, medium-grained arenite

FORDS CREEK SHALE: green to dark grey shale, minor arenite and siltstone

Arenite unit

Jeeaila Sandstone Member: arenite interbedded with shale

COODARDOO FORMATION: moderate to poorly-sorted, grey arenite, with minor siltstone and shale towards base

CURRAN FORMATION: white shale, siliceous in outcrop

ULLAWARRA FORMATION: fine-grained, maroon or grey arenite, with siltstone, shale, minor dolomite

Arenite unit

DEVIL CREEK FORMATION: dolomite, dolomitic shale, shale

Shale unit

DISCOVERY CHERT: bedded, black to cream chert, wavy bedded, may be laminated

JILLAWARRA FORMATION: shale and siltstone with minor chert, especially near the top

Arenite unit (Pmj(a))

Dolomite unit

KIANGI CREEK FORMATION: medium-grained arenite with shale, minor coarse-grained arenite with local pebble beds

Glen Ross Shale Member

Dolomite unit

IRREGULLY FORMATION: dolomite with shale, minor arenite, stromatolites present

Arenite unit

TRINGADEE FORMATION: coarse-grained, red-brown arenite, some feldspathic; local pebble and boulder beds

Dolomite unit

Sandstone

Shale

Dolomite

Chert

Sandstone, quartzite; cleaved

Shale, slate, minor dolomite

Metasandstone, schistose and micaceous, with pebbles; minor conglomerate

Granitic rocks

Metagabbro

Migmatite—paleosome of schist (PIm), neosome of granitic rocks (Pg)

Muscovite schist, quartz-muscovite schist (metamorphosed wacke and shale)

Quartzite, lineated and metamorphosed

Muscovite schist, quartz-muscovite schist

Granitic rocks, sheared and partially recrystallized, (mylonite gneiss); migmatite, gneiss, minor amphibolite

These units together are equivalent to **TOP CAMP DOLOMITE** (Toree Creek Sheet) where north of Mt Vernon

Not assigned to a formation

LOWER PROTEROZOIC