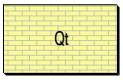
PHANEROZOIC

CAINOZOIC

QUATERNARY

Coastal deposits:

Qb Beach ridges—calcareous sand
Ql Lagoonal and estuarine deposits—clay, silt, marl, and shell beds
Qlp Lagoonal and estuarine deposits reworked by modern lakes—carbonate mud and organic matter
Qs Eolian dunes—calcareous and quartz sand
Qsm Mobile eolian dunes

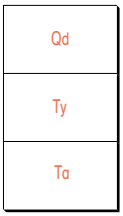


TAMALA LIMESTONE: eolian limestone and sandstone with secondary concretionary and residual calcareous deposits and quartz sand

Inland deposits:

Q Mixed unit of colluvial and residual deposits—sand, silt, and clay
Qa Alluvium—sand, silt, and clay
Qp Swamp and lacustrine deposits—clay, silt, and diatomite
Qe Non-calcareous sand reworked by eolian processes

TERTIARY



BASSENDEAN SAND: sand and clay

YOGANUP FORMATION: sand and clay

ASCOT FORMATION: limestone and sand

Subsurface units

Czl Ferruginous laterite
Czls Leached quartz sand associated with laterite

MESOZOIC

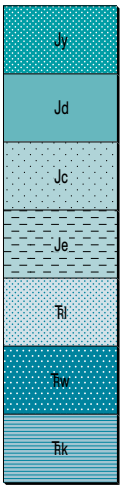
CRETACEOUS

Wambro Group

LEEDERVILLE FORMATION: sandstone, siltstone, and shale

Subsurface units

JURASSIC



YARRAGADEE FORMATION: feldspathic sandstone, siltstone, and mudstone

CADDA FORMATION: siltstone, sandstone, and shelly limestone

CATTAMARRA COAL MEASURES: sandstone, siltstone, carbonaceous shale, and coal

ENEABBA FORMATION: thinly bedded sandstone, multicoloured siltstone; rare coal

LESUEUR SANDSTONE: medium- to coarse-grained sandstone

WOODADA FORMATION: sandstone and siltstone

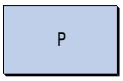
KOCKATEA SHALE: shale, siltstone, and minor sandstone

Subsurface units

PERTH BASIN

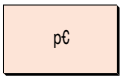
PALAEOZOIC

PERMIAN



Undifferentiated Permian units (section only)

PRECAMBRIAN



Undifferentiated Precambrian units (section only)

Subsurface units

PINJARRA OROGEN