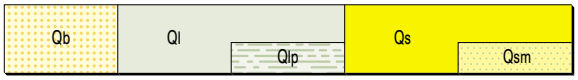
PHANEROZOIC

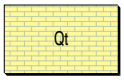
CAINOZOIC

QUATERNARY

Coastal deposits:

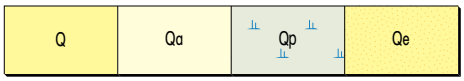


Qb Beach ridges—calcareous sand
Ql Lagoonal and estuarine deposits—clay, silt, marl, and shell beds
Qlp Lagoonal and estuarine deposits reworked by modern lakes
Qs Eolian dunes—calcareous sand
Qsm Mobile eolian dunes



TAMALA LIMESTONE: eolian limestone and sandstone with secondary concretionary and residual calcareous deposits; minor fossiliferous limestone

Inland deposits:



Q Mixed unit of colluvial, residual, and diluvial 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

Czl Ferruginous laterite
Czls Leached quartz sand associated with laterite

MESOZOIC

CRETACEOUS

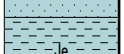
PARMELIA FORMATION: feldspathic sandstone, siltstone, shale

JURASSIC

YARRAGADEE FORMATION: feldspathic sandstone, siltstone, shale

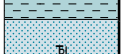
CADDA FORMATION: siltstone, sandstone, and shelly limestone

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



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

TRIASSIC

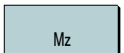


LESUEUR SANDSTONE: medium- to coarse-grained sandstone

WOODADA FORMATION: sandstone and siltstone

KOCKATEA SHALE: shale, siltstone; and minor sandstone

Subsurface units

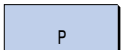


Undifferentiated Mesozoic units (probably Jurassic or Triassic)

PERTH BASIN

PALAEOZOIC

PERMIAN

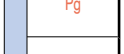


Undifferentiated Permian units (section only)

CARYNGINIA FORMATION: shale, siltstone, and limestone

IRWIN RIVER COAL MEASURES: sandstone, shale, and coal

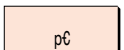
HIGH CLIFF SANDSTONE: sandstone



HOLMWOOD SHALE: shale, siltstone, and limestone

Subsurface units

PRECAMBRIAN



Undifferentiated Precambrian units (section only)

PINJARRA OROGEN