

CAINOZOIC

QUATERNARY

Bossut Formation

Qa

Sand, silt, clay; minor gravel : alluvial and lacustrine

Qb

Clay, silt: alluvial and lacustrine

Qs

Sand, silt; minor gravel: mixed alluvial and aeolian

Qz

Red sand, fine to medium; minor silt: aeolian

Qcs

Clay, silt, sand; minor salt: supratidal mud flat

Qcr

Silty clay, black organic clay: tidal flat and mangrove swamp

Qcd

Calcareous sand, partly oolitic: coastal aeolian dunes (includes reworked Qpb)

Qpb

Calcareous and quartzose sandstone, fine to coarse; calcilutite, oolite; cross-bedded in part: coastal

Czl

Laterite, pisolitic or massive: pedogenic

MESOZOIC

EARLY CRETACEOUS

Emeriau Sandstone

Kr

Sandstone, fine to coarse, poorly sorted; minor conglomerate; cross-bedded: fluvial to deltaic

Melligo Sandstone

Km

Sandstone, fine to medium, well-sorted; laminated to thin-bedded; pebbly in places; silicified in part: beach

Broome Sandstone

Kb

Sandstone, fine to very coarse; mudstone in part; minor conglomerate; ripple-marked, cross-bedded; partly bioturbated; plant fossils: shallow marine

LATE JURASSIC TO EARLY CRETACEOUS?

Jarlemai Siltstone

JKr

Siltstone, claystone, sandstone: shallow marine

LATE JURASSIC

Alexander Formation

Ja

Sandstone, fine to coarse; interbedded mudstone: shallow marine

EARLY? TO LATE JURASSIC

Wallal Sandstone

Jl

Sandstone; minor siltstone, conglomerate, lignite: continental to shallow marine

EARLY TRIASSIC

Blina Shale

Tb

Mudstone, sandy in places: shallow marine

PERMIAN? TO TRIASSIC

d

Dolerite sills and dykes

EARLY TO LATE PERMIAN

Liveringa Group

Lp

Sandstone, mudstone; minor limestone, conglomerate, coal: shallow marine

Noonkanbah Formation

Pn

Mudstone, calcareous; fine sandstone, limestone interbeds: shallow marine

Poole Sandstone

Pp

Sandstone, very fine to fine; interbedded mudstone; minor limestone at base: shallow marine to lagoonal

Grant Group

Pg

Sandstone, fine to coarse; mudstone; minor conglomerate: marine, partly glacial marine

EARLY PERMIAN

EARLY CARBONIFEROUS

Anderson Formation

Ca

Sandstone, siltstone, shale; minor limestone, dolomite, anhydrite: marine and continental

MIDDLE DEVONIAN? TO EARLY CARBONIFEROUS

DC

Dolomite, limestone, shale, siltstone, fine sandstone: marine

EARLY TO MIDDLE ORDOVICIAN

O

Shale, limestone, dolomite, siltstone, fine sandstone: shallow marine

PRECAMBRIAN

pE

Igneous, metamorphic, and sedimentary rocks