

CAINOZOIC

QUATERNARY

Bossut Formation

Qa

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

Qs

Sand, silt; minor gravel: mixed alluvial and aeolian

Qcs

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

Qci

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

TERTIARY?

Borda Sandstone

Tb

Sandstone, fine; minor mudstone; basal conglomerate: fluvial?

MESOZOIC

EARLY CRETACEOUS

Emeriau Sandstone

Kr

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

Melligo Sandstone

Km

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

Broome Sandstone

Kb

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

LATE JURASSIC TO EARLY CRETACEOUS?

Jarlemai Siltstone

JKr

Siltstone, claystone, sandstone: 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

Rb

Mudstone, sandy in places: shallow marine

PALAEOZOIC

EARLY TO LATE PERMIAN

Liveringa Group

Pl

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

EARLY PERMIAN

Noonkanbah Formation

Pn

Mudstone, calcareous; fine sandstone, limestone interbeds: marine

Poole Sandstone

Pp

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

LATE CARBONIFEROUS TO EARLY PERMIAN

Grant Group

Pg

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

MIDDLE DEVONIAN TO EARLY CARBONIFEROUS?

OC

Limestone, dolomite, shale, siltstone, fine sandstone: marine

EARLY ORDOVICIAN

Willara Formation

Ow

Limestone, partly dolomitic; interbedded shale and siltstone: shallow marine

Nambeet Formation

Ot

Shale, grey to green; interbedded limestone and fine sandstone: shallow marine

PRECAMBRIAN

pC

Igneous, metamorphic, and sedimentary rocks