

CAINOZOIC

QUATERNARY

Bossut Formation

Qa

Sand, silt, clay; minor gravel: 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

Qci

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

Qcd

Calcareous sand, partly oolitic: coastal aeolian (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

Frezier Sandstone

Kf

Sandstone, fine to coarse, poorly sorted, poorly bedded, some relict cross-bedding; bioturbated in part; minor conglomerate, mudstone: fluvial to deltaic

Parda Formation

Kp

Mudstone; minor fine sandstone lenses; thin bedded or massive: lagoonal or shallow marine

Melligo Sandstone

Km

Sandstone, fine to medium; well-sorted, laminated to thin-bedded: beach

Broome Sandstone

Kb

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

PALAEOZOIC

EARLY CARBONIFEROUS

Noonkanbah Formation

Pn

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

EARLY PERMIAN

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 DEVONIAN TO
EARLY CARBONIFEROUS

Anderson Formation

Ca

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

DC

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

LATE ORDOVICIAN?
TO EARLY DEVONIAN

Carribuddy Formation

Sc

Multicoloured claystone, silty and sandy in part; anhydrite; minor limestone near base: shallow marine, partly evaporite

EARLY TO MIDDLE
ORDOVICIAN

Nita Formation

Qn

Limestone, dolomite, interbedded shale: shallow marine

Goldwyer Formation

Qo

Shale, black, fossiliferous, calcareous, pyritic; interbedded limestone, dolomite; minor siltstone lenses: shallow marine

Willara Formation

Qw

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

Nambeet Formation

Qt

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

PRECAMBRIAN

pC

Igneous, metamorphic, and sedimentary rocks