

CENOZOIC

QUATERNARY

Bossut Formation

Qa	Sand, silt, clay; minor gravel: alluvial
Ql	Clay, silt, sand; minor gypsum: lacustrine, claypans
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 deposits
Qpb	Quartzose calcarenite, fine to coarse calcilutite; partly oolitic, cross-bedded; fossiliferous: shoreline beach-ridge
Qci	Silty clay, black organic clay; minor salt: tidal flat and mangrove swamp
Czk	Calcrete; minor chalcedony: evaporitic, pedogenic
Czs	Sand, silt, ferruginous pisoliths; minor gravel, clay: pedogenic; gravel plains overlying Czl
Czl	Laterite, pisolitic or massive: pedogenic

MESOZOIC

EARLY CRETACEOUS

Frezier Sandstone

Parda Formation

Broome Sandstone

LATE JURASSIC TO EARLY CRETACEOUS ?

Callawa Formation

Jarlemai Siltstone

LATE JURASSIC

EARLY? TO LATE JURASSIC

Alexander Formation

Wallal Sandstone

Kf	Sandstone, fine to coarse, poorly sorted, feldspathic, poorly bedded, some relict cross-bedding; minor conglomerate: fluvial to deltaic, partly pedogenic
Kp	Mudstone; minor fine sandstone lenses; thin-bedded or massive: lagoonal?
Kb	Sandstone, fine to medium, well-sorted; mudstone in part; minor conglomerate; ripple-marked, cross-bedded; minor bioturbation; plant fossils: shallow water marine
JKc	Sandstone, very fine to coarse; conglomerate; cross-bedded; minor siltstone; plant fossils: fluvial
JKr	Mudstone, sandy, glauconitic, fossiliferous: marine
Ja	Sandstone, fine to medium; interbedded mudstone, bioturbated, fossiliferous: marine
Jl	Sandstone; minor siltstone, conglomerate; palynomorphs: continental to shallow marine

PALAEZOIC

EARLY PERMIAN

Noonkanbah Formation

Poole Sandstone

Grant Group

Pn	Mudstone, calcareous, micaceous; fine sandstone, limestone interbeds; fossiliferous: marine
Pp	Sandstone, very fine to fine; interbedded mudstone; thin-bedded; clay pellet lenses: shallow water marine
Pg	Sandstone, fine to coarse; mudstone; minor conglomerate: glacial marine

LATE ORDOVICIAN? TO EARLY DEVONIAN

Carribuddy Formation

MIDDLE ORDOVICIAN

Nita Formation

Goldwyer Formation

EARLY ORDOVICIAN

Willara Formation

Nambeet Formation

Sc	Dolomite, dolomitic siltstone, shale, halite, anhydrite; minor sandstone: mainly non-marine
On	Dolomite, limestone; minor shale: marine
Oo	Shale, black, fossiliferous, calcareous, pyritic, interbedded limestone, dolomite; minor siltstone lenses: marine
Ow	Limestone, dolomitic, fossiliferous; interbedded shale and siltstone: marine
Ot	Shale, grey to green, interbedded limestone, dolomite and fine sandstone: marine

PRECAMBRIAN

pC	Igneous, metamorphic, and sedimentary rocks
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section and rock relationship diagram only