

Reference

CAINOZOIC

QUATERNARY

Lawford Beds

Lake Gregory Beds

Qz

Quartzose sand : aeolian

Qs

Quartzose sand, silt : alluvial and aeolian in depressions

Qa

Silt, clay, sand, gravel ; minor gypsum : lacustrine and alluvial

Czw

Calcrete, mail, sandy calcrete, calcareous sandstone ; minor chalcedony, calcareous breccia and conglomerate ; stromatolitic in places ; alluvial and evaporitic

Czg

Green and brown calcareous clay, silt, sand, calcrete ; minor chalcedony : alluvial and evaporitic. Sub-surface only

Czq

Vein quartz rubble

Czk

Calcrete, chalcedony : fluvio-lacustrine and pedogenic

Czl

Laterite, pisolithic or massive : pedogenic

Czf

Ferricrete : weathering product

Czs

Silcrete : weathering product

MESOZOIC

TRIASSIC

EARLY TO MIDDLE TRIASSIC?

Erskine Sandstone

R

Sandstone, siltstone

Re

Fine to medium sandstone, laminated, cross-bedded ; minor conglomerate ; siltstone ; plant-bearing : fluvial

EARLY TRIASSIC

Blina Shale

Rb

Shale, siltstone, laminated, mud-cracked, concretary, bioturbated ; minor quartzose sandstone, ferruginous sandstone ; fossiliferous : shallow marine to fresh-water

Millyit Sandstone

Rm

Quartzose sandstone, fine to coarse, pebbly in places ; cross-bedded ; thin quartz pebble conglomerate, siltstone ; plant-bearing : fluvial

LATE PERMIAN TO EARLY TRIASSIC?

Godfrey Beds

Pf

Quartzose sandstone, siltstone : paralic

PERMIAN

LATE PERMIAN

Hardman Formation

Ph

Micaceous sandstone and siltstone ; trace fossils : shallow marine

Condren Sandstone

Pr

Quartzose sandstone, fine to very fine, clay matrix ; siltstone, rare coal ; plant-bearing : fluvial

EARLY TO LATE? PERMIAN

Lightjack Formation

Pj

Micaceous siltstone, micaceous sandstone, intraformational claystone conglomerate, quartzose sandstone ; concretary and ferruginous in part, fossiliferous : shallow marine

EARLY PERMIAN

Noonkanbah Formation

Pn

Micaceous siltstone, shale, calcareous siltstone, marl, limestone with foraminifera texture, coquina ; rare calcareous and phosphatic limonitic concretions ; fine quartzose sandstone ; thin-bedded to laminated throughout ; bioturbated ; fossiliferous : shallow marine

Poole Sandstone

Pp

Quartzose sandstone, fine, thin-bedded to laminated, cross-bedded and ripple marked ; minor siltstone, shale ; plant-bearing : lagoonal and shallow marine

LATE CARBONIFEROUS TO EARLY PERMIAN

Grant Formation

Pg

Quartzose sandstone, fine to coarse, cross-bedded ; pebble and boulder conglomerate siltstone and shale, plant-bearing : fluvial, possibly fluvio-glacial in part

EARLY CARBONIFEROUS

Anderson formation

Ca

Quartzose sandstone, siltstone, shale

MIDDLE DEVONIAN TO EARLY CARBONIFEROUS

Laurel Formation

Cl

Limestone, siltstone with interbedded shale and fine to medium sandstone

Dc

Limestone, dolomite, quartzose sandstone

LATE DEVONIAN

Luluigui Formation

Dg

Sandstone, siltstone

EARLY TO MIDDLE DEVONIAN?

Paulton Formation

Dp

Sandstone

LATE ORDOVICIAN? TO EARLY DEVONIAN?

Carribuddy Formation

Sc

Probably red shale, dolomitic shale, sandstone, dolomite, limestone

ORDOVICIAN

O

Probably limestone, dolomite, siltstone, sandstone

EARLY ORDOVICIAN

Carranya Beds

Oc

Quartzose sandstone, laminated to thin-bedded ; siltstone, intraformational claystone conglomerate, quartz pebble conglomerate : shallow marine and shoreline

section only

PROTEROZOIC

ADELAIDEAN

Banganura Beds

Pt

Sublithic and quartz arenite, siltstone, shale

Yurabi Formation

Pth

Shale

Egan Formation

Pty

Quartz arenite interbedded with siltstone and shale

Kai Ki Beds

Ptc

Arenite, siltstone, conglomerate, dolomite

Bulka Hills Beds

Pa

Quartz arenite, siltstone, stromatolitic chert, minor granule conglomerate

Kuniandi Group

Ps

Sublithic and lithic arenite ; minor quartz arenite, quartz granule conglomerate

Landrigan Tillite

Eni

Conglomerate with siltstone matrix ; minor interbedded sublithic arenite, micaceous siltstone, dolomite

Wade Creek Sandstone

Psw

Quartz arenite ; minor sublithic arenite, shale, conglomerate

Bungle Bungle Dolomite

Psb

Stromatolitic chert, silicified oolite ; minor lithic arenite. Section only

Mount Parker Sandstone

Psp

Sublithic arenite, quartz arenite, micaceous siltstone, basal conglomerate

EARLY PROTEROZOIC

Sophie Downs Granite

Eg

Medium and coarse, even-grained granite, adamellite

Woodward Dolerite

Ebs

Coarse even-grained granite, granodiorite

D

Dolerite sills

ARCHAEOAN? OR EARLY PROTEROZOIC?

Halls Creek Group

Clympio Formation

Aho

Quartz greywacke, siltstone, shale ; minor dolomite, phyllite, quartzite, quartz-muscovite schist

UPPER PROTEROZOIC \*  
MIDDLE PROTEROZOIC  
LOWER PROTEROZOIC

\* Subdivisions of the Precambrian time-scale used by the Geological Survey of Western Australia shown in grey