

Reference

CAINOZOIC

QUATERNARY

- Qa Alluvium
- Qc Coastal silt and evaporite deposits
- Czs Sand, soil corer, alluvium, travertine
- Czb Black soil
- Czl Lateritic soil, laterite

PERMIAN ?

Keep Inlet Beds

- Pz Conglomerate, sandstone
- Pk Calcareous sandstone, boulder conglomerate

UPPER CARBONIFEROUS

Border Creek Formation

- Cub Quartz sandstone, conglomerate, siltstone

Tanmurra Formation

- Ch Limestone, sandstone (section only)

Point Spring Sandstone

- Clp Quartz sandstone, minor conglomerate

Burville Beds

- Ctr Sandstone, shale, limestone

Waggon Creek Breccia

- Cbk Dolomite breccia, pebbly sandstone

LOWER CARBONIFEROUS

Milligans Beds

- Cim Silty shale (subsurface only)

Zimmermann Sandstone

- Cz Quartz sandstone and siltstone

Septimus Limestone

- Clc Limestone; minor calcareous sandstone

Enga Sandstone

- Cle Calcareous quartz sandstone

Burt Range Formation

- Cfb Limestone; minor shale and sandstone

UPPER DEVONIAN TO LOWER CARBONIFEROUS

Bonaparte Beds

- D Cb Siltstone, shale, sandstone (section only)

Buttons Beds

- Dub Sandy and silty limestone

Ningbing Limestone

- Dun Limestones of reef complex

Cockatoo Formation

- Duc Quartz sandstone. Minor limestone

Jeremiah Member

- Duj Sandy dolomite

Cecil Sandstone Member

- Due Quartz sandstone

Abrey Sandstone Member

- Dua Quartz sandstone

Kununurra Member

- Duu Quartz sandstone and dolomite

Hargreaves Member

- Dub Quartz sandstone, marl, dolomite

Kellys Knob Sandstone Member

- Duk Quartz sandstone

Ragged Range Conglomerate Member

- Dur Conglomerate, sandstone

LOWER ORDOVICIAN

Pander Greensand

- Olp Glauconitic sandstone, quartz sandstone

CAMBRIAN

- C Undifferentiated dolomite and sandstone

UPPER CAMBRIAN

Clark Sandstone

- Cuc Red glauconitic sandstone, quartz sandstone

Pretlove Sandstone

- Cup Quartz sandstone

MIDDLE CAMBRIAN

Skewthorpe Formation

- Cms Oolitic and stromatolitic dolomite, quartz sandstone, minor shale

Hart Spring Sandstone

- Cmh Red-brown silty quartz sandstone

Tarrara Formation

- Cmr Silty sandstone, shale, dolomite

LOWER(?) CAMBRIAN

Antrim Plateau Volcanics

- Cia Basalt

PROTEROZOIC

ADELAIDEAN

- Duerdin Group
  - Ranford Formation
  - Jarrad Sandstone Member
- Carr Boyd Group
  - Bandicoot Range Beds
  - Pincombe Formation
  - Stonewall Sandstone
  - Glenhill Formation
  - Golden Gate Siltstone
  - Hensman Sandstone

MIDDLE PROTEROZOIC

- UPPER PROT.\*
  - P Sandstone in outcrop. Undifferentiated in section
  - Poj Massive red-brown ferruginous subgreywacke, clayey quartz sandstone
  - Pcb Quartz sandstone, conglomerate, ferruginous sandstone, red siltstone and shale
  - Pcp Siliceous siltstone and fine-grained sandstone, micaceous shale, quartz sandstone
  - Pcs Subfriable quartz sandstone and feldspathic sandstone. Minor granule sandstone, red shale
  - Pcg Red-brown shale and siltstone, laminated sandstone, blocky quartz sandstone
  - Pcd Grey laminated mudstone and thinly bedded fine-grained quartz sandstone
  - Pcb Massive silicified white quartz sandstone

- Dleston Group
  - Hart Dolerite
  - Cockburn Sandstone
  - Wyndham Shale
  - Mendena Formation

- Pdh Massive gabbro, dolerite, diorite, granophyre
  - Ptc Massive quartz sandstone, micaceous fine-grained sandstone, green shale
  - Ptw Fissile green and grey shale and siltstone, laminated fine-grained sandstone interbeds
  - Ptm Quartz sandstone alternating with green and purple siltstone; fine-grained sandstone, dolomite

- Kimberley Group
  - Pentecost Sandstone
  - Elgee Siltstone
  - Warton Sandstone
  - Carson Volcanics
  - King Leopold Sandstone
- Speewah Group
  - Luman Siltstone
  - Lansdowne Arkose
  - Valentine Siltstone
  - Tungarray Formation
  - O'Donnell Formation

LOWER PROTEROZOIC

- Pkp Upper: Blocky medium-grained quartz sandstone, rare coarse-grained sandstone at base; ferruginous sandstone and siltstone
  - Pkpm Middle: Blocky fine to medium-grained quartz sandstone; minor feldspathic sandstone purple siltstone; glauconitic sandstone at base
  - Pkpl Lower: Blocky fine to medium-grained quartz sandstone and feldspathic sandstone
  - Pke Massive red siltstone, fine-grained sandstone, shale
  - Pkw Blocky quartz sandstone and feldspathic sandstone
  - Pkc Massive altered basalt, blocky feldspathic sandstone, micaceous feldspathic subgreywacke, chloritic siltstone
  - Pkl Massive quartz sandstone, feldspathic sandstone, granule sandstone, conglomerate
  - Ppi Brown siltstone and shale
  - Ppo Massive pink feldspathic sandstone, arkose, quartz sandstone, purple siltstone, micaceous siltstone
  - Pps Thin bedded green chloritic siltstone, siliceous siltstone, minor rhyolitic ashstone and tuff
  - Ppt Flaggy green fine-grained sandstone and siltstone; flaggy arkose and feldspathic sandstone
  - Ppn Subgreywacke, sandstone, shale (section only)

- Lambo Complex
  - Whitewater Volcanics
  - Bow River Granite
  - Castlersagh Hill Porphyry

- Pdl Dolerite, unaltered dolerite
  - Pw Acid lavas and pyroclastics, agglomerate, intrusive quartz-feldspar porphyry
  - Pbu Porphyritic granite, coarse-grained granite
  - Pbc Quartz-feldspar porphyry, hornblende-biotite granodiorite

ARCHAEOAN OR PROTEROZOIC

Halls Creek Group

- Ah Undifferentiated: subgreywacke, slate mica schist, greenschist, tuff, conglomerate

ARCHAEOAN OR LOW. PROT.

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