

| | | Reference | | | |
|-------------------|---|---|---|---|--|
| CAINOZOIC | QUATERNARY | | Qa Sand, silt, clay: alluvial and lacustrine | | |
| | | | Qs Sand, silt: alluvial and aeolian in depressions | | |
| | | | Qz Sand; minor gravel, rubble: aeolian, minor piedmont | | |
| | TERTIARY | | Ta Clay, gypsiferous in part; minor sand. Rock relationship diagram only | | |
| | | | Czq Vein quartz rubble | | |
| | | | Czk Calcrete; minor chalcedony | | |
| | | | Czs Silcrete | | |
| | | | Czl Laterite, pisolitic and massive, ferruginous | | |
| | MESOZOIC | CRETACEOUS? | | M Ferruginized pebble and granule conglomerate | |
| | | | Larranganni Beds | Kl Quartzose sandstone; minor conglomerate | |
| PALAEOZOIC | PERMIAN | Chuall Beds | Pzc Clayey and micaceous quartzose and lithic sandstone | | |
| | | Liveringa Group | Condren Sandstone | Pr Quartzose sandstone, siltstone; minor conglomerate; thin-bedded, cross-bedded plant fossils: fluvial | |
| | Lightjack Formation | | Pj Micaceous and ferruginous siltstone, sandstone, shale; thin-bedded; fossiliferous: shallow marine | | |
| | Noonkanbah Formation | | Pn Calcareous and non-calcareous siltstone, shale; minor limestone; fossiliferous: marine | | |
| | Poole Sandstone | | Pp Fine quartzose sandstone, siltstone, shale; thin-bedded; minor coal seams; plant fossils: fluvial | | |
| | UPPER CARBONIFEROUS TO LOWER PERMIAN | Grant Formation | Pg Quartzose sandstone, thin to thick-bedded, cross-bedded; minor siltstone, conglomerate; plant fossils: fluvial | | |
| | LOWER CARBONIFEROUS | Laurel Formation | Cl Siltstone, sandstone } section only | | |
| | UPPER DEVONIAN | Knobby Sandstone | Du Sandstone, shale } section only | | |
| | | | Duk Medium to coarse quartzose sandstone, medium to thin-bedded, cross-bedded; minor siltstone, conglomerate; fish plate and plant fossils: fluvial | | |
| | SILURO-DEVONIAN | ORDOVICIAN | SD Probably sandstone, siltstone } section only | | |
| Carranya Beds | | | O Shale, limestone, sandstone, siltstone } section only | | |
| | | Oc Fine to medium quartzose sandstone, thin-bedded; conglomerate; fossiliferous: marine | | | |
| PROTEROZOIC | ADELAIDEAN | Duerdin Group | Flat Rock Formation | Eaf Sublithic arenite, micaceous siltstone, shale | |
| | | | Timperley Shale | Eaj Micaceous shale and siltstone; minor lithic arenite | |
| | | | Elvire Formation | Eae Siltstone, shale, lithic arenite; minor quartz arenite; ripple marks | |
| | | | Mount Forster Sandstone | Eao Sublithic arenite, quartz arenite; iron-stained pebbly sublithic arenite and conglomerate near base; cross-bedded, ripple marks | |
| | | | Ranford Formation | Eos Micaceous shale, fine sublithic arenite | |
| | | | Redbank Yard Formation | Eor Conglomerate, sublithic arenite; minor dolomite | |
| | | | Wade Creek Sandstone | Esw Sublithic arenite; minor siltstone | |
| | | | Redcliff Pound Group | Erica Sandstone | Ere Sublithic arenite; minor quartz arenite; cross-bedded |
| | | | | Murraba Formation | Erb Chert-granule conglomerate, sublithic arenite, shale, chert, partly calcareous. Section only |
| | | | | Lewis Range Sandstone | Erl Quartz arenite; minor conglomerate, sublithic arenite; cross-bedded, ripple marks |
| Boee Beds | Ean Sublithic arenite; minor conglomerate | | | | |
| CARPENTARIAN | Birrindudu Group | Jawilga Beds | Euj Sublithic arenite, chert-granule conglomerate; cross-bedded, ripple marks | | |
| | | Denison Beds | Eud Quartz arenite, minor sublithic arenite, shale, siltstone; cross-bedded, ripple marks | | |
| | | Bungle Bungle Dolomite | Esb Stromatolitic chert, silicified oolite, cherty ironstone, micaceous greywacke, siltstone, shale, lithic arenite | | |
| | | Mount Parker Sandstone | Esp Quartz arenite, sublithic arenite; minor conglomerate, siltstone; cross-bedded | | |
| | | Pindar Beds | Eur Quartz arenite and sublithic arenite, cross-bedded | | |
| | | Lake Willson Beds | Esw Stromatolitic chert; sublithic arenite, cross-bedded; siltstone, shale | | |
| | | Ima Ima Beds | Eum Sublithic arenite and quartz arenite, cross-bedded; minor conglomerate | | |
| | | Baines Beds | Eup Sublithic arenite and quartz arenite, cross-bedded; minor lithic arenite, greywacke, conglomerate, siltstone, dolomitic mudstone | | |
| | | Coomarie Sandstone | Etk Sublithic arenite, cross-bedded, ripple marks | | |
| | | Talbot Well Formation | Etd Stromatolitic chert, sublithic arenite, siltstone, limestone | | |
| LOWER PROTEROZOIC | Gardiner Sandstone | Etdg Glauconitic sandstone Sublithic arenite and quartz arenite, cross-bedded; siltstone, shale, conglomerate; minor dolomitic sandstone | | | |
| | | Eg Muscovite and biotite adamellite | | | |
| | | Egs Porphyritic and non-porphyritic muscovite and biotite adamellite; minor biotite granodiorite, pegmatite, aplite | | | |
| | | Elg Sublithic arenite, cross-bedded; minor conglomerate | | | |
| ARCHAEOAN? | Tanami complex | At Hornfelsic sublithic arenite | | | |
| | | Atk Schistose to phyllitic greywacke, lithic arenite, siltstone and shale; minor quartzite, banded chert, basalt, dolerite, gabbro, acid porphyry | | | |
| | | Aho Schistose greywacke and siltstone, phyllite; minor quartzite, calc-silicate lenses | | | |

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