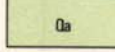




CAINOZOIC

QUATERNARY


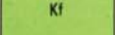
-  *Alluvium-sand, silt and gravel*
-  *Saline and gypsiferous clay and silt, restricted to salt lakes*
-  *Aeolian sand, minor alluvium in depressions*
-  *Eluvium-quartz-feldspar sand, containing scattered rock fragments over granitic rocks, partly transported*
-  *Eluvium and minor colluvium-sand and well-rounded pebbles derived from Pa*
-  *Aeolian sand containing laterite pebbles*
-  *Colluvium-sand and gravel forming outwash fans and scree*
-  *Calcareous silt and sand derived from Czk*
-  *Clay, silt and sand, saline in part, forming low-lying spinifex, saltbush and samphire flats. Commonly surrounds salt lakes*
-  *Calcrete-massive, nodular and vuggy sandy limestone, locally replaced by sheets and veins of chalcedony*
-  *Lateritic soil and pisolith gravel*

TERTIARY


-  *Ferruginous duricrust, nodular, massive and pisolithic. Some consolidated breccia*
-  *Fine siliceous (commonly chalcedonic) capping generally over carbonate rocks, but locally over sandstone and shale. Relict-bedding preserved at many localities*

MESOZOIC

EARLY CRETACEOUS



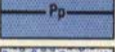



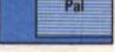
- Anketell Sandstone  *Fine sandstone, mudstone interbedded with lenticular coarse sandstone and granule conglomerate; poorly sorted; bioturbated paralic?*
- Frezier Sandstone  *Sandstone, fine to coarse, feldspathic, poorly sorted, poorly bedded, burrows, remnant cross-bedding; minor conglomerate, fluvialite to deltaic, partly pedogenic*

JURASSIC TO EARLY CRETACEOUS

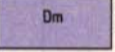
- Callawa Formation  *Fine to coarse sandstone, conglomerate; cross-bedded; minor siltstone: fluvialite*

PALAEOZOIC

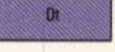
EARLY PERMIAN

- Triwhite Sandstone  *Interbedded micaceous, fine sandstone and mudstone, thin-bedded, ripple-marked; minor clay pellet conglomerate: shallow marine*
- Noonkanbah Formation  *Laminated mudstone; in subsurface, interbedded dark grey, calcareous mudstone and fine sandstone: marine*
- Poole Sandstone  *Interbedded mudstone and fine to coarse sandstone, thin-bedded, ripple-marked, cross-bedded; minor conglomerate, macrofossils: shallow water marine*
- Grant Group  *Fine to coarse sandstone; shale, siltstone, conglomerate*
- Paterson Formation  *Mudstone and sandstone with dropstones, poorly sorted: glacial*
-  *Sandstone, fine to coarse, cross-bedded, minor mudstone and conglomerate; dropstones: fluvio-glacial*
-  *Mudstone with scattered coarse grains and dropstones, massive to poorly bedded, glacial-lacustrine*

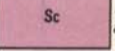
MIDDLE DEVONIAN

- Mellinjerie Limestone  *Dolomitic shale, dolomite, limestone; minor sandstone, anhydrite*

EARLY DEVONIAN

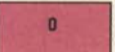
- Tandalgoo Red beds  *Fine, red-brown, sandstone; minor siltstone, shale, limestone*

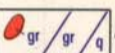
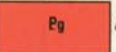
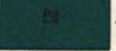

LATE ORDOVICIAN ? TO EARLY DEVONIAN

- Carribuddy Formation  *Dolomite, dolomitic siltstone, shale, halite, anhydrite; minor sandstone*




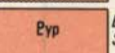

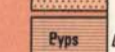



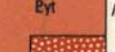






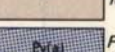




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ORDOVICIAN

-  *Sandstone, siltstone, shale, dolomite, limestone; minor evaporite*

-  *Minor intrusion; gr-granite dyke or vein, q-quartz vein*
-  *Medium biotite granite with rare migmatitic and nebulitic varieties*
-  *Amphibolite and metadolerite*
-  *Massive chert breccia*

PROTEROZOIC

- Wilki Quartzite  *Fine to medium quartzite and quartz sandstone, massive bedding, locally well-bedded*
-  *Dark grey shale and siltstone intercalated with quartzite*
-  *Arenaceous schist and extremely sheared sandstone*
- Puntapunta Formation  *Bedded, dominantly clastic carbonate rocks, commonly dolomitic and arenaceous. Sedimentary structures include cross-bedding and scour structures*
-  *Fine to medium quartzite and quartz sandstone*
-  *Dark grey shale and siltstone*
-  *Transition beds of intercalated sandstone and shale*
-  *Dark grey dolomite and calcarenite*
- Telfer Formation  *Intercalated sandstone, siltstone and shale*
-  *Fine to medium quartzite and quartz sandstone, locally pyritiferous*
-  *Thinly bedded fine carbonate rocks; mainly dolomite and dolomitic shale*
- Malu Quartzite  *Fine to medium quartz sandstone and quartzite, locally bedded but commonly massive*
- Isdell Formation  *Thinly bedded, fine carbonate rocks. Includes dolomite and shale*
- Broadhurst Formation  *Well-bedded dark grey shale, shale and siltstone, rare ferruginous chert*
-  *Fine sandstone*
- Coolbro Sandstone  *Quartz sandstone and quartzite with minor wacke and shale, locally schistose and cleaved*
-  *Fine to medium quartzite and quartz sandstone, massive to well-bedded, locally flaggy*
-  *Dark grey shale and siltstone*
-  *Transition beds of intercalated sandstone, siltstone and shale*
-  *Thinly bedded, fine dolomite*
-  *Wacke and skarn. Bedding and other sedimentary structures preserved*