

REFERENCE



- Qs Eolian sand
- Qp Ferruginous pebbles and eolian sand
- Qc Colluvium – colluvial fans, quartz and rock fragments in loam, commonly contains hardpan
- Qd Sheetwash – alluvium, colluvium, in low lying areas flanking Qg and Ql
- Qa Alluvium – poorly sorted clay to pebble deposits in drainage lines and adjacent floodplains
- Qg Mixed alluvium and lake deposits with sand dunes, marginal to salt lakes, gypsiferous in parts
- Ql Lake sediments – clay, silt and sand, saline and gypsiferous



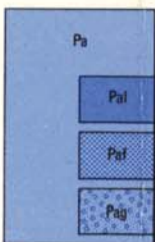
- Cz k Calcrete – massive, nodular and sheet carbonate with minor chalcedony
- Cz b Silcrete – sub-vitreous siliceous duricrust with angular quartz grains
- Cz l Laterite – massive and pisolitic ferruginous duricrust

CAINOZOIC

QUATERNARY

PALAEZOIC

EARLY PERMIAN

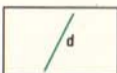


PATERSON FORMATION : poorly sorted sandstone, siltstone, claystone, and conglomerate

Claystone and siltstone; lacustrine

Poorly sorted sandstone, conglomerate, minor siltstone, fluvialite

Conglomerate, minor sandstone; glaciogene



Dolerite dyke



Dolerite sill, minor granophyre



CALYIE SANDSTONE : quartz sandstone, cross-bedded, with intraclasts, fine-grained sandstone, siltstone

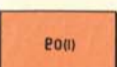
MARLOOYANOO FORMATION : laminated siltstone and shale with minor to major feldspathic sandstone, minor carbonate

COONABILDIE FORMATION : siltstone; cross-bedded quartz arenite, with intraclasts and local granules; minor shale, conglomerate, carbonate

Chert and shale unit



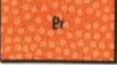
Sandstone, unassigned



Lithic, silty sandstone, coarse polymictic conglomerate, quartz sandstone, shale



Quartz sandstone, and siltstone



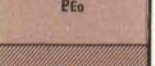
Conglomerate, ferruginous arenite, arenite, pisolite; restricted to Sydney Heads Pass area



MULGARRA SANDSTONE : fine to medium-grained quartz sandstone, locally glauconitic, minor carbonate bands



KULELE LIMESTONE : stromatolitic limestone, calcarenite and mudstone; minor sandstone in upper part



WONGAWOL FORMATION : fine arkosic sandstone and shale grading upwards into mudstone, sandstone and carbonate



PRINCESS RANGES QUARTZITE : clean white quartz arenite, minor clayey sandstone and siltstone



WANDIWARRA FORMATION : fine to coarse-grained quartz sandstone and shale, locally glauconitic



Fine to coarse-grained sandstone



Shale, siltstone



WINDIDDA FORMATION : carbonate, calcilutite, mudstone



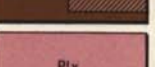
FRERE FORMATION : granular and banded iron-formation, hematite shale, chert, shale, minor carbonate



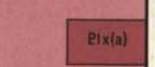
Banded iron-formation



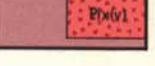
Shale, siltstone, minor carbonate



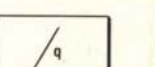
Grey carbonate and intraclastic carbonate breccia



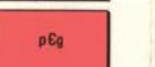
YELMA FORMATION : quartz arenite, arkose, shale



Quartz arenite, ferruginous in part



Shale, siltstone



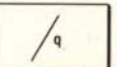
TROY CREEK BEDS : shale, phyllite, minor sandstone, chert



Quartz arenite and interbedded shale



Felsic porphyry and interbedded phyllite



Quartz dykes



Granitic rock

MIDDLE PROTEROZOIC

Bangemall Group (PM)

Scorpion Group (PO)

Earaheedy Group (PE)

PROTEROZOIC

EARLY PROTEROZOIC

ARCHAEOAN OR EARLY PROTEROZOIC