

PHANEROZOIC

CAINOZOIC

QUATERNARY

**Qa** Alluvium — clay, silt, sand, and gravel; in channels

**Czts** **Cztd**

Czts Evaporite interbedded with clay, silt, and sand in playas  
 Cztd Sand, silt, and gypsum in stabilized dunes adjacent to playas

**Czc** **Czg** **Czs** **Czl** **Czk** **Czu**

Czc Colluvium — gravel, sand, and soil as sheetwash and talus  
 Czg Quartzo-feldspathic sand over granitoid rock  
 Czs Sandplain—sand and silty sand; commonly as veneer on palaeosurface  
 Czl Laterite and silcrete  
 Czk Calcrete  
 Czu Ferruginous silica caprock over ultramafic rocks

TERTIARY

**?Ts** Sandstone and silcrete — coarse, angular, poorly sorted quartz sand in a clay-rich matrix; partly silicified

PROTEROZOIC

**Edy** Mafic and ultramafic dykes, interpreted from aeromagnetic data

**q** **g** **p**

Veins and dykes: q — quartz, g — granitoid, p — pegmatite

**Ag** **Agm** **AgI** **Agmu** **Agml** **Agmg** **Agmj** **Agn**

Ag Granitoid rock, undivided; syenogranite to granodiorite  
 Agm Monzogranite, undivided  
 AgI Granitoid rock, mainly monzogranite; massive with discordant margins  
 Agmu **ULARRING MONZOGRANITE:** even-grained  
 Agml **CLARK WELL MONZOGRANITE:** seriate  
 Agmg **GOONGARRIE MONZOGRANITE:** with biotite; prominent K-feldspar megacrysts; local foliation defined by aligned K-feldspar and biotite  
 Agmj **JORGENSEN MONZOGRANITE:** strongly deformed contact  
 Agn Gneissic granitoid rock; pervasively foliated; includes thin bands of amphibolite

**Apf** Feldspar-(quartz) porphyry

**As** **Ash** **Afs**

As Sedimentary rock, undivided; sandstone, siltstone, shale, and chert; includes a volcanoclastic component  
 Ash Shale and chert, banded in places; typically as interflow sedimentary rocks  
 Afs Strongly foliated quartzo-feldspathic rock; felsic volcanic or volcanoclastic derivation

**Aip** Feldspar-phyric intermediate intrusive rock

**Ao** **Aog** **Aogl**

Ao Mafic intrusive rock, undivided; dolerite and gabbro  
 Aog Gabbro  
 Aogl Leucocratic gabbro

**Ab** **Abm** **Abv** **Ama**

Ab Basalt, mainly tholeiitic; includes doleritic layers and lenses  
 Abm Komatiitic basalt or high-Mg basalt; minor variolitic basalt  
 Abv Variolitic basalt; mainly high-Mg basalt  
 Ama Amphibolite

**Auk** **Aup** **Aut** **Aur**

Auk Komatiite; olivine spinifex textures  
 Aup Peridotite; includes local tremolite-(chlorite) schist  
 Aut Talc-chlorite schist  
 Aur Tremolite-(chlorite) schist; includes deformed high-Mg basalt

ARCHAEAN

Metamorphosed of greenschist to amphibolite facies