

PHANEROZOIC
CENOZOIC

QUATERNARY

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

Czts **Cztd**

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

Czc **Czg** **Czs** **Czi**

Czc Colluvium — gravel, sand, and silt as sheetwash or talus
Czg Quartz-feldspathic sand over granitoid rock
Czs Sandplain — yellow sand with limonitic pisoliths near base
Czi Laterite and reworked products

PROTEROZOIC

Edy Mafic and ultramafic dykes; interpreted from aeromagnetic data

p **q** Veins and dykes: p — pegmatite, q — quartz

Ag Granitoid rock, undivided

AgI **Agad** **Agbv** **Agdd** **Agka** **Agkn** **Aglb** **Agmu** **Agon**

AgI Granitoid rock, undivided
Agad **FAIR ADELAIDE SYENOGRANITE**: equigranular, with biotite
Agbv **BONNIE VALE TONALITE**: equigranular, with biotite
Agdd **DOYLE DAM GRANODIORITE**: equigranular, with biotite and hornblende
Agka **KARRAMINDIE MONZOGRANITE**: equigranular, with biotite
Agkn **KINTORE TONALITE**: equigranular, with biotite
Aglb **LIBERTY GRANODIORITE**: equigranular, with biotite and hornblende
Agmu **MUNGARI MONZOGRANITE**: equigranular, with biotite
Agon **LONE HAND MONZOGRANITE**: equigranular, with biotite

Late tectonic

Agbl **Agcl** **Agro** **Agst** **Agtg**

Agbl **BALI MONZOGRANITE**: porphyritic, with biotite
Agcl **CALLOOLI MONZOGRANITE**: equigranular, with biotite
Agro **ROWLES LAGOON MONZOGRANITE**: porphyritic, with biotite
Agst **SILT DAM MONZOGRANITE**: equigranular, with biotite
Agtg **TWO GUM MONZOGRANITE**: porphyritic, with biotite and hornblende

Post-D₂ to syn-D₃

Agd **Agbo** **Agca** **Agcb** **Agcr** **Agdn** **Aggo** **Agnm**

Agd Granitoid rock, undivided
Agbo **BORA MONZOGRANITE**: equigranular, with biotite
Agca **CAWSE MONZOGRANITE**: seriate to porphyritic, with biotite
Agcb **CROWBAR GRANODIORITE**: equigranular, with biotite and hornblende
Agcr **CREDO GRANODIORITE**: sparsely porphyritic, with biotite
Agdn **DUNNSVILLE GRANODIORITE**: equigranular, with biotite and hornblende
Aggo **GOONGARRIE MONZOGRANITE**: seriate to porphyritic, with biotite
Agnm **NINE MILE MONZOGRANITE**: porphyritic, with biotite

Pre-D₂ to syn-D₂

Ap Quartz and/or feldspar porphyry; includes hornblende-bearing varieties

Akc **Aks**

Akc **KURRAWANG FORMATION**: conglomerate and sandy conglomerate
Aks **KURRAWANG FORMATION**: sandstone and pebbly sandstone

As **Ac** **Aci** **Ash**

As Pelitic and psammitic sedimentary rocks; includes conglomerate, chert and felsic volcaniclastic rocks
Ac Chert
Aci Banded iron-formation
Ash Shale and chert, mainly as interflow sedimentary rocks

Afv **Afs**

Afv Felsic volcanic and volcaniclastic rocks
Afs Layered felsic rock interpreted from seismic and gravity data (section only)

Aiv Intermediate volcanic and volcaniclastic rocks

Ao **Aog** **Aogo** **Aogr** **Aogp** **Aoge** **Aogw** **Aogt**

Ao Medium- and coarse-grained mafic rocks; mainly gabbro and dolerite
Aog Coarse-grained mafic rocks, mainly gabbro in large sills
Aogo **ORINDA SILL**: gabbronorite and quartz gabbro
Aogr **ORA BANDA SILL**: peridotite base; gabbronorite; quartz gabbro at top
Aogp **MT PLEASANT SILL**: peridotite base; gabbronorite; gabbro and quartz gabbro at top
Aoge **MT ELLIS SILL**: dolerite, gabbro, and quartz gabbro
Aogw **POWDER SILL**: gabbro and quartz gabbro
Aogt **THREE MILE SILL**: gabbro and quartz gabbro

Ab **Abm** **Abp** **Ama**

Ab Basalt, includes doleritic layers and lenses
Abm Komatiitic basalt, includes varicolitic basalt and basalt with relict (pyroxene) spinifex texture; local pillow structures
Abp Coarsely plagioclase-phyric basalt
Ama Amphibolite

Au **Auk** **Aup**

Au Ultramafic rocks; includes tremolite(-chlorite) and talc-chlorite(-carbonate) schists
Auk Komatiite with relict olivine spinifex texture
Aup Peridotite, mainly olivine cumulate; siliceous caprock

Atb **BARDOC TECTONIC ZONE**: interleaved felsic volcaniclastic, mafic, and ultramafic rocks; strongly deformed and carbonated

ARCHAEOAN