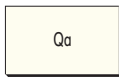


PHANEROZOIC

CAINOZOIC



Qa Alluvial — clay, silt, sand, and gravel



Czp Lacustrine deposits — mainly silt, and clay with minor evaporite
Czps Sand, silt, and clay in swamps surrounding permanent and ephemeral lakes

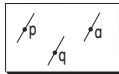


Czc Colluvium — gravel, silt, clay, and white vein quartz as sheetwash and talus
Czg Quartzo-feldspathic sand over granitoid rock
Czs Sandplain — yellow sand with limonitic pisoliths near base
Czl Laterite and reworked products
Czk Calcrete

PROTEROZOIC



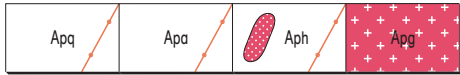
Edy Mafic and ultramafic dykes, interpreted from aeromagnetic data



Veins and dykes: p—pegmatite; q—quartz; a—aplite



Ag Granitoid rock; undivided
Agl Granitoid rock; late tectonic
Agla **FAIR ADELAIDE GRANITE**
Agm Monzogranite; undivided
Agmb **BORA MONZOGANITE**: equigranular, contains biotite
Agmr **ROWLES LAGOON MONZOGANITE**: porphyritic, contains biotite
Agmt **TWO GUM MONZOGANITE**: porphyritic, contains biotite and hornblende
Agmw **CAWSE MONZOGANITE**: seriate to porphyritic, contains biotite
Agmg **GOONGARRIE MONZOGANITE**: seriate to porphyritic, contains biotite



Apq Quartz-feldspar porphyry
Apa Albite-rich porphyry
Aph Hornblende-plagioclase porphyry
App Granite porphyry and granophyre



Akc **KURRAWONG FORMATION**: conglomerate and sandy conglomerate



As Sedimentary rock; undivided — may include felsic volcanic/volcaniclastic component
Asf Felsic volcaniclastic sedimentary rock; may have a minor pyroclastic component
Aci Banded iron-formation
Ac Chert
Ash Shale and chert; generally as interflow sedimentary rocks
Ass Siltstone and pebbly sandstone

ARCHAEAN



Afv Felsic volcanic and volcanoclastic rock
Afp Porphyroclastic felsic rock; schistose



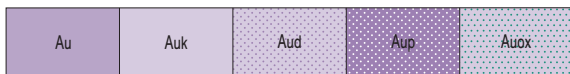
Aiv Intermediate volcanic/volcaniclastic rock



Ao Dolerite and gabbro; undivided
Aod Dolerite
Aog Gabbro
Aogl Leucogabbro and plagioclase-rich gabbronorite
Aor Tremolite-rich rock, possibly after pyroxenite or high-Mg basalt
Aogg Quartz gabbro and granophyre; late differentiation products in the **ORA BANDA SILL**
Aon Gabbronorite in the **ORA BANDA SILL**
Aonl Leucogabbro and plagioclase-rich gabbronorite in the **MOUNT PLEASANT SILL**
Aov Gabbronorite marker horizon in the **MOUNT PLEASANT SILL**
Aox Iron-rich granophyre marker horizon in the **MOUNT PLEASANT SILL**



Ab Basalt; includes doleritic layers and lenses
Abm High-Mg basalt; contains acicular to plumose spinifex-textured pyroxene
Abo Variolitic basalt
Abpf Fine plagioclase - phyrlic basalt and dolerite
Abp Coarse plagioclase - phyrlic basalt (subsurface only)
Ama Amphibolite



Au Ultramafic schist; including tremolite (-chlorite) schist and talc-chlorite (-carbonate) schist
Auk Komatiite with spinifex-textured olivine
Aud Dunite
Aup Peridotite
Auox Bronzite and norite