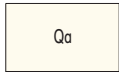


CAINOZOIC

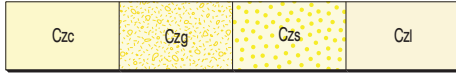
QUATERNARY



Alluvium — clay, silt, sand and gravel in channels



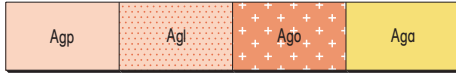
Czts Evaporite interbedded with clay and sand in playas
 Cztd Sand, silt and gypsum in stabilized dunes adjacent to playas



Czc Colluvium — gravel, sand as sheetwash and talus
 Czg Quartzo-feldspathic sand over granoid rock
 Czs Sandplain — yellow sand with limonitic pisoliths near base
 Czl Laterite and reworked products



Mafic and ultramafic dyke



Agp Granite; late-tectonic
 Agl LIBERTY GRANODIORITE: fine- to coarse-grained; minor monzogranite
 Ago LONE HAND GRANITE
 Aga FAIR ADELAIDE GRANITE (subsurface only)

Late-tectonic granitoid rocks; massive; contacts discordant with greenstones, and/or foliation in Agd



Agd Granitoid rock
 Agg GOONGARRIE MONZOGRANITE
 Agc CAWSE MONZOGRANITE
 Agcr CREDO GRANODIORITE
 Agcb CROWBAR GRANODIORITE
 Agnm NINE MILE MONZOGRANITE

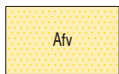
Domal (pre- to syn-D2) granitoid rocks; form cores to regional (D2) anticlines; moderate to weak pervasive foliation except at strongly deformed contacts with greenstones



Apq Quartz-feldspar porphyry, metamorphosed
 Apg Granite porphyry and granophyre, metamorphosed
 Apa Albite-rich porphyry, metamorphosed
 Aph Hornblende-plagioclase porphyry, metamorphosed
 Apx Quartz-feldspar porphyry, xenolithic, metamorphosed



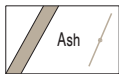
Akc KURRAWANG FORMATION: conglomerate and sandy conglomerate
 Aks KURRAWANG FORMATION: sandstone and pebbly sandstone



Acid to intermediate volcanoclastic and epiclastic rocks including tuff, lapilli tuff and matrix-supported conglomerate, and minor black shale, metamorphosed. Includes BLACK FLAG FORMATION in S.W. corner of map sheet



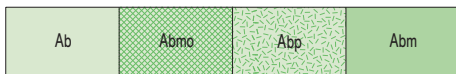
Intermediate volcanoclastic rock; tuff to tuff breccia, metamorphosed



Shale and chert, grey to black; mainly interflow sediments, metamorphosed



Aogq Quartz-gabbro and granophyre; late differentiated products of layered mafic/ultramafic sills. Includes felsic granophyre (ORA BANDA SILL) and iron-rich quartz-gabbro with coarse granophyre segregations (MT ELLIS SILL). Metamorphosed
 Aox Iron-rich granophyre, including marker horizon in MT PLEASANT SILL
 Aog Metagabbro, metadolerite
 Aogl Leucogabbro, and plagioclase-rich gabbro-norite, metamorphosed
 Aon Gabbro-norite
 Aov Gabbro-norite marker horizon in MT PLEASANT SILL, metamorphosed
 Axd Pyroxenite and pyroxene-phyric dolerite, metamorphosed



Ab Mafic extrusive rock, metamorphosed
 Abmo High-Mg basalt, ocelli-bearing, metamorphosed
 Abp Porphyritic basalt and dolerite, metamorphosed
 Abm High-Mg basalt with acicular to plumose pyroxene spinifex texture, metamorphosed



Auk Komatiite with spinifex texture, metamorphosed
 Aox Bronzite and norite
 Aup Massive ultramafic rock (dominantly olivine orthocumulate) at base of layered mafic/ultramafic sills, including thick komatiite and discrete intrusive bodies, metamorphosed



BARDOC TECTONIC ZONE: strongly deformed and carbonated, interleaved mafic and ultramafic rocks and felsic volcanoclastic sediments

PROTEROZOIC

ARCHAEAN