

CAINOZOIC

Qa

Qa Clay, silt, sand and gravel in and near active stream channels; alluvial

Cza Czc Czd Czf Czg Czl Czp Czq Czs Czu

Czz

Cza Clay, silt and sand; pebbly in places; colluvial, distal
 Czc Gravel, talus, sand; colluvial, proximal
 Czd Quartz and gypsum dunes with minor silt and clay adjacent to playas (dunes dominant)
 Czf Pebbly colluvium and alluvium derived from laterite
 Czg Colluvial sand and gravel derived from quartzofeldspathic rock
 Czl Lateritic duricrust, massive and rubbly
 Czp Evaporites, sand and clay in playas
 Czq Talus and quartz-rich detritus derived from quartz veins
 Czs Sand plain
 Czu Silcrete on or derived from ultramafic rock
 Czz Silcrete over granitoid

Ts

Ts Sand and gravel

Edy

Edy Mafic dykes

a d g lp po q

a Aplite
 d Dolerite
 g Granite
 lp Lamprophyre
 po Porphyry
 q Quartz

Ag Agf Agg Agm Agmf Agmp Agn Ags Agt Agtp

Agy

Ag Granitoid, unassigned
 Agf Fine-grained granitoid, undivided
 Agg Granodiorite
 Agm Biotite monzogranite
 Agmf Fine-grained biotite monzogranite
 Agmp Porphyritic monzogranite
 Agn Strongly foliated granitoid with local weak and/or incipient layering (banding) +/- mafic lenses
 Ags Syenite to alkali-feldspar syenite
 Agt Tonalite
 Agtp Porphyritic tonalite
 Agy Syenogranite to alkali-feldspar granite

Ash Asq Ass

Ash Shale and/or slate and/or phyllite and/or claystone and/or siltstone
 Asq Quartzite, quartz metasiltstone
 Ass Sandstone and/or siltstone, metamorphosed

Af Afp Afs Aft Afv

Af Metamorphosed felsic extrusive rocks, fine grained
 Afp Metamorphosed intrusive felsic porphyry
 Afs Quartz-feldspar schist and/or quartz-muscovite schist derived from felsic volcanic rock
 Aft Metamorphosed felsic pyroclastic +/- volcanoclastic rocks
 Afv Metamorphosed felsic volcanic or volcanoclastic rocks

Aod Aoda Aog Aoga Aogc Aogl Aogp Aol

Aod Dolerite +/- basalt +/- gabbro
 Aoda Dolerite, equigranular
 Aog Gabbro, massive, equigranular or porphyritic; undivided
 Aoga Gabbro, equigranular
 Aogc Gabbro, very coarse grained
 Aogl Leucogabbro
 Aogp Gabbro, porphyritic
 Aol Lamprophyre

Abb Abba Abf Abm Aby

Abb Metabasalt +/- metadolerite
 Abba Metabasalt, aphyric
 Abf Mafic schist, low-grade
 Abm Hi-magnesium metabasalt with spinifex texture
 Aby Metabasalt, vesicular or amygdaloidal

Ala Alb Alm

Ala Amphibolite
 Alb Mafic chlorite schist, mafic schist, chlorite-magnetite-feldspar schist, clay rock (quartz-free)
 Alm Muscovite schist +/- feldspar; schistose muscovite-clay rock

Au Aup Aus Aut Aux

Au Ultramafic rock, undivided or unassigned
 Aup Peridotite
 Aus Serpentinite, serpentine-talc rock
 Aut Talc-chlorite schist, chlorite-talc schist
 Aux Pyroxenite

PROTEROZOIC

ARCHAEAN