

QUATERNARY

Qa Alluvium — clay, silt, sand, and gravel in stream 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** **Czu**

Czc Colluvium — gravel and sand as sheetwash and talus
 Czg Quartzo-feldspathic sand over granitoid rock
 Czs Sandplain — yellow sand
 Czl Laterite, includes iron-cemented reworked products
 Czu Silica cap rock developed from ultramafic rock

PHANEROZOIC

CAINOZOIC

E_{dy}

Mafic and ultramafic dykes interpreted from aeromagnetic data and/or air photos
 E_{dy1} — Ballona Dyke, E_{dyk} — Kalpini Dyke

q

Veins and dykes: q — quartz

Ag_s

Syenite

Ag **Agm** **Agmh** **Agmg**

Ag Granitoid rock, undivided
 Agm Biotite monzogranite, even-grained
 Agmh Hornblende monzogranite with coarse alkali feldspar megacrysts
 Agmg **GALVALLEY MONZOGANITE**: biotite monzogranite with coarse alkali feldspar megacrysts

Apq

Quartz-feldspar porphyry; dyke or sill

As **Ash** **Asf** **Asfc** **Aci**

As Sedimentary rock, undivided
 Ash Shale and siltstone; well bedded, siliceous, locally ferruginous; schistose
 Asf Quartzo-feldspathic sandstone; volcanioclastic derivation
 Asfc Quartzo-feldspathic pebbly sandstone; volcanioclastic derivation
 Aci Banded iron-formation

Af **Afd** **Afr** **Afs**

Af Felsic volcanic rock, undivided
 Afd Dacite; generally tuffaceous; locally brecciated
 Afr Rhyolite; lava flows
 Afs Felsic schist

Aog **Aod** **Aodp**

Aog Gabbro
 Aod Dolerite
 Aodp Porphyritic dolerite, with feldspar phenocrysts

Ab **Abp** **Abm**

Ab Basalt, undivided; locally doleritic
 Abp Porphyritic basalt with feldspar phenocrysts
 Abm Basalt, pyroxene spinifex-textured; locally variolitic; includes minor tremolite-chlorite schist

Au **Auk** **Aus** **Aux** **Aur**

Au Ultramafic rock, undivided
 Auk Komatiite, generally olivine spinifex-textured
 Aus Serpentine, mostly massive
 Aux Pyroxenite
 Aur Tremolite-chlorite schist, mostly derived from Abm

PROTEROZOIC

ARCHAean

Metamorphosed at upper greenschist to lower amphibolite facies