

CAINOZOIC

Qa

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

Cza Czc Czd Czf Czg Czi 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*
 Czi *Detritus and talus adjacent to ridges of banded iron-formation*
 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*

PROTEROZOIC/PERMIAN

Pt

Pt *Rounded boulders and claystone derived from tillite*

Edy

Edy *Mafic dykes*

d g gb po q

d *Dolerite*
 g *Granite*
 gb *Gabbro*
 po *Porphyry*
 q *Quartz, quartzolite*

Ag Agf Agg Agm AgmB Agn Ags Agt

Ag *Granitoid, unassigned*
 Agf *Fine-grained granitoid, undivided*
 Agg *Granodiorite*
 Agm *Biotite monzogranite*
 AgmB *"Bulla Rocks Monzogranite" (1)*
 Agn *Strongly foliated granitoid with local weak and/or incipient layering (banding) +/- mafic lenses*
 Ags *Syenite to alkali-feldspar syenite*
 Agt *Tonalite*

Ac Aci As Asc Ash Asq Ass

Ac *Chert*
 Aci *Banded iron formation*
 As *Metasedimentary rock, undivided*
 Asc *Polymictic conglomerate*
 Ash *Shale and/or slate and/or phyllite and/or claystone and/or siltstone*
 Asq *Quartzite, quartz metasiltstone*
 Ass *Sandstone and/or siltstone, metamorphosed*

ARCHAEAN

Af Afia Afp Afs Aft Afti Afv

Af *Metamorphosed felsic extrusive rocks, fine grained*
 Afia *Meta-andesite*
 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*
 Afti *Meta-ignimbrite*
 Afv *Metamorphosed felsic volcanic or volcanoclastic rocks*

Ao Aod Aodp Aog Aogp Aol Aon

Ao *Coarse-grained mafic rock*
 Aod *Dolerite +/- basalt +/- gabbro*
 Aodp *Dolerite, porphyritic*
 Aog *Gabbro, massive, equigranular or porphyritic; undivided*
 Aogp *Gabbro, porphyritic*
 Aol *Lamprophyre*
 Aon *Norite, undivided*

Ab Abb Abf Abp Abv

Ab *Fine-grained mafic igneous rocks, undivided*
 Abb *Metabasalt +/- metadolerite*
 Abf *Mafic schist, low-grade*
 Abp *Metabasalt +/- metadolerite, porphyritic*
 Abv *Mafic volcanic rocks +/- sedimentary rocks*

Ala

Ala *Amphibolite*

Au Aup Aus Aut

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