

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

Cza	Czb	Czc	Czcl	Czd	Czf	Czg	Czh	Czi	Czk
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Czl	Czp	Czq	Czs	Czu	Czz	Czzg
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Cza Clay, silt and sand; pebbly in places; colluvial, distal
 Czb Clay and dune sand, adjacent to playas (clay dominant)
 Czc Gravel, talus, sand; colluvial, proximal
 Czcl Sandy colluvium with limonitic pisoliths on low plateaus on weathered granitoid
 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 quartzfeldspathic rock
 Czh Silt, sand and gravel in halophyte flats adjacent to playas
 Czi Detritus and talus, derived from banded iron-formation
 Czk Calcrete
 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
 Czzg Silcrete and/or kaolinised granite

Ts

Ts Sand and gravel

Edi	Edy
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Edi Felsic dyke
 Edy Mafic dyke

chx	d	g	gg	gqx	i	po	q	sy
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chx Chert breccia, commonly cemented by goethite
 d Dolerite
 g Granite
 gg Granodiorite
 gqx Goethite-quartz breccia
 i Ironstone
 po Porphyry
 q Quartz, quartzolite
 sy Syenite

Ag	Agb	Agc	Agd	Age	Agf	Agfo	Agg	AgI	Agm
Agmc	Agmf	Agmm	Agmp	Agn	Agq	AgS	AgT	Agtp	AgY

Ag Granite, undivided
 Agb Foliated granitoid rock with mafic lenses; local gneissic banding
 Agc Coarse-grained granitoid, undivided
 Agd Diorite to monzodiorite
 Age Medium-grained granitoid, undivided
 Agf Fine-grained granitoid, undivided
 Agfo Foliated granitoid
 Agg Granodiorite
 AgI Leucogranite and microgranite
 Agm Biotite monzogranite
 Agmc Coarse-grained biotite monzogranite
 Agmf Fine-grained biotite monzogranite
 Agmm Biotite monzogranite, medium-grained
 Agmp Porphyritic monzogranite
 Agn Strongly foliated granitoid with local weak and/or incipient layering (banding) +/- mafic lenses
 Agq Quartz-rich granitoids
 AgS Syenite to alkali-feldspar syenite
 AgT Tonalite
 Agtp Porphyritic tonalite
 AgY Syenogranite to alkali-feldspar granite

Ac	Aci	Acl	As	Asc	Ascb	Ascf	Ascq	Asf	Asg
Ash	AsJC	Asq	Ass						

Ac Chert and banded chert; metamorphosed
 Aci Banded iron-formation; metamorphosed
 Acl Limestone; metamorphosed
 As Metasedimentary rock, undivided
 Asc Polymictic conglomerate; metamorphosed
 Ascb Oligomictic conglomerate; dominantly basaltic clasts
 Ascf Oligomictic conglomerate with dominantly felsic igneous clasts; metamorphosed
 Ascq Oligomictic conglomerate with dominantly quartzitic or chert clasts; metamorphosed
 Asf Volcaniclastic conglomerate, sandstone and tuff
 Asg Arkose
 Ash Shale and/or slate and/or phyllite and/or claystone and/or siltstone; metamorphosed
 AsJC Jones Creek Conglomerate: conglomerate and sandstone; granitoid clasts and matrix dominate; metamorphosed
 Asq Quartzite, quartz metasilstone
 Ass Sandstone and/or siltstone, metamorphosed

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

Aod	Aoda	Aodp	Aog	Aoga	Aol
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Aod Metadolerite +/- metabasalt +/- metagabbro
 Aoda Dolerite, equigranular
 Aodp Dolerite, porphyritic
 Aog Metagabbro, undivided; massive, equigranular or porphyritic
 Aoga Gabbro, equigranular
 Aol Lamprophyre

Ab	Abam	Abb	Abba	Abc	Abd	Abf	Abg	Abm	Abp
Abs	Aby								

Ab Metamorphosed fine-grained mafic igneous rocks, undivided
 Abam Amphibolite derived from mafic igneous rock
 Abb Metabasalt +/- metadolerite
 Abba Metabasalt, aphyric
 Abc Carbonated metabasalt
 Abd Metabasalt and metadolerite
 Abf Mafic schist, low-grade
 Abg Mafic and subordinate felsic volcanic rocks intercalated with minor foliated granitoid rock; metamorphosed; gneissic banding locally developed
 Abm High-magnesium metabasalt with spinifex texture
 Abp Metabasalt +/- metadolerite, porphyritic
 Abs Schistose metabasalt
 Aby Metabasalt, vesicular or amygdaloidal

Alb	Alc	Alf	Alfq	Alm	Alqb	Alqm
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Alb Clay rock, massive to schistose, quartz absent or minor
 Alc Quartz-andalusite schist +/- feldspar
 Alf Quartz-feldspar schist +/- muscovite, schistose to massive quartz-clay rock +/- muscovite
 Alfq Schistose clay rock with quartz eyes
 Alm Muscovite schist +/- feldspar; schistose muscovite-clay rock
 Alqb Quartz-biotite schist +/- feldspar +/- muscovite
 Alqm Quartz-muscovite schist +/- feldspar

Au	Aup	Aur	Aus	Aut	Aux
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Au Metamorphosed ultramafic rock, undivided or unassigned
 Aup Peridotite; metamorphosed
 Aur Tremolite schist
 Aus Serpentine, serpentine-talc rock
 Aut Talc-chlorite schist, chlorite-talc schist
 Aux Pyroxenite; metamorphosed

CAINOZOIC

PROTEROZOIC

ARCHAean