

CAINOZOIC

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	Czd	Czf	Czg	Czi	Czk	Czl	Czp
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Czq	Czs	Czsv	Czu	Czz
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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
 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
 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
 Czsv Sand, minor silt and clay; unconsolidated, restricted to old valley systems
 Czu Silcrete on or derived from ultramafic rock
 Czz Silcrete over granitoid

a	g	gg	gqx	p	po	q	t
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a Aplite
 g Granite
 gg Granodiorite
 gqx Goethite-quartz breccia
 p Pegmatite
 po Porphyry
 q Quartz, quartzolite
 t Tonalite

Ag	Agb	Agc	Agdq	Age	Agf	Agg	AgI	Agm	Agmc
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Agmm	Agmp	Agt	Agu	Agzq
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Ag Granitoid, unassigned
 Agb Granitoid schist slices with greenstone
 Agc Coarse-grained granite
 Agdq Quartz monzodiorite to quartz diorite
 Age Medium-grained granitoid, undivided
 Agf Fine-grained granitoid, undivided
 Agg Granodiorite
 AgI Leucogranite and microgranite
 Agm Biotite monzogranite
 Agmc Coarse-grained biotite monzogranite
 Agmm Biotite monzogranite, medium-grained
 Agmp Porphyritic monzogranite
 Agt Tonalite
 Agu Mixed coarse to fine-grained granitoid
 Agzq Quartz monzonite

Ac	AcI	Acis	As	Asc	Ash	Ashg	AsJC	AsJCa	AsJCb
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Asq	Ass
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Ac Chert
 AcI Banded iron formation
 Acis Banded iron-formation with iron silicate(s)
 As Metasedimentary rock, undivided
 Asc Polymictic conglomerate
 Ash Shale and/or slate and/or phyllite and/or claystone and/or siltstone
 Ashg Graphitic shale, slate or schist
 AsJC Jones Creek Conglomerate: conglomerate and sandstone; granitoid clasts and matrix dominate; metamorphosed
 AsJCa Jones Creek Conglomerate: arkosic arenite, fine to medium-grained; rare pebbles; metamorphosed
 AsJCb Jones Creek Conglomerate: conglomerate and sandstone; mafic matrix dominates; metamorphosed
 Asq Quartzite, quartz metasiltstone
 Ass Sandstone and/or siltstone, metamorphosed

Af	Afd	Afr	Afs
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Af Metamorphosed felsic extrusive rocks, fine grained
 Afd Metadacite to rhyodacite
 Afr Metarhyolite
 Afs Quartz-feldspar schist and/or quartz-muscovite schist derived from felsic volcanic rock

Aod	Aog	AoKV	AoKVa	AoKVg	AoKVI	AoKVq
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Aod Dolerite +/- basalt +/- gabbro
 Aog Gabbro, massive, equigranular or porphyritic; undivided
 AoKV Kathleen Valley Gabbro: gabbro, undivided; metamorphosed
 AoKVa Kathleen Valley Gabbro: anorthositic gabbro and anorthosite; metamorphosed
 AoKVg Kathleen Valley Gabbro: quartz gabbro and tonalite; metamorphosed
 AoKVI Kathleen Valley Gabbro: layered gabbro with 2-10cm banding due to varying proportions of amphibole and plagioclase; metamorphosed
 AoKVq Kathleen Valley Gabbro: quartz bearing gabbro and quartz gabbro; metamorphosed

Ab	Aba	Abb	Abf	Abg	AbMG	Abm	Abp	Abv
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Ab Fine-grained mafic igneous rocks, undivided
 Aba Amphibolitic metabasalt and interlayered mafic metasediments, epidotic quartzite and ferruginous quartzite; metadolerite
 Abb Metabasalt +/- metadolerite
 Abf Mafic schist, low-grade
 Abg Mafic and subordinate felsic volcanic rocks intercalated with minor foliated granitoid rock; metamorphosed; gneissic banding locally developed
 AbMG Mount Goode Basalt: metamorphosed tholeiitic basalt
 Abm Hi-magnesium metabasalt with spinifex texture
 Abp Metabasalt +/- metadolerite, porphyritic
 Abv Mafic volcanic rocks +/- sedimentary rocks

Ala	Alb	Alf	Alfq	Alm	Alqb	Alqm
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Ala Amphibolite
 Alb Clay rock, massive to schistose, quartz absent or minor
 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	Auc	Auk	Aul	Aup	Aur	Aus	Aut
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Au Ultramafic rock, undivided or unassigned
 Auc Talc-carbonate rock
 Auk Komatiite
 Aul Chlorite schist (ultramafic)
 Aup Peridotite
 Aur Tremolite schist
 Aus Serpentine, serpentine-talc rock
 Aut Talc-chlorite schist, chlorite-talc schist

Aw

Aw Weathered Archaean rock of uncertain origin

ARCHAEAN