

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	Czo	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 quartzofeldspathic 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*  
 Czo *Conglomerate; angular clasts of silicified siltstone, chert and ironstone in very fine-grained siliceous matrix*  
 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*

Edi	Edy	Edyf
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Edi *Diorite dyke*  
 Edy *Mafic dykes*  
 Edyf *Felsic dyke*

b	c	chx	d	dr	g	gg	gqx	i	po
q	sy	t							

b *Basalt*  
 c *Carbonate rock*  
 chx *Chert breccia, commonly cemented by goethite*  
 d *Dolerite*  
 dr *Diorite*  
 g *Granite*  
 gg *Granodiorite*  
 gqx *Goethite-quartz breccia*  
 i *Ironstone*  
 po *Porphyry*  
 q *Quartz, quartzolite*  
 sy *Syenite*  
 t *Tonalite*

Ag	Agc	Age	Agf	Agfo	Agg	Agl	Agm	Agp	Agq
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Ags	Agy
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Ag *Granite, undivided*  
 Agc *Coarse-grained granitoid, undivided*  
 Age *Medium-grained granitoid, undivided*  
 Agf *Fine-grained granitoid, undivided*  
 Agfo *Foliated granitoid*  
 Agg *Granodiorite*  
 Agl *Leucogranite and microgranite*  
 Agm *Biotite monzogranite*  
 Agp *Porphyritic granitoid*  
 Agq *Quartz-rich granitoids*  
 Ags *Syenite to alkali-feldspar syenite*  
 Agy *Syenogranite to alkali-feldspar granite*

Ac	Aci	Acl	As	Asc	Ascob	Ascq	Asf	Asg
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Ash	Ass
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Ac *Chert and banded chert; metamorphosed*  
 Aci *Banded iron-formation; metamorphosed*  
 Acl *Limestone*  
 As *Metasedimentary rock, undivided*  
 Asc *Polymictic conglomerate; metamorphosed*  
 Ascob *Oligomictic conglomerate; dominantly basaltic clasts*  
 Ascq *Oligomictic conglomerate with dominantly felsic igneous clasts; metamorphosed*  
 Asf *Oligomictic conglomerate with dominantly quartzitic or chert clasts; metamorphosed*  
 Asg *Volcaniclastic conglomerate, sandstone and tuff*  
 Ash *Arkose*  
 Ash *Shale and/or slate and/or phyllite and/or claystone and/or siltstone; metamorphosed*  
 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 volcanoclastic rocks*  
 Afp *Metamorphosed intrusive felsic porphyry*  
 Afpf *Metamorphosed felsic porphyry*  
 Afpq *Metamorphosed quartz-phyric felsic rock*  
 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	Aodm	Aodp	Aog	Aoga
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Aod *Metadolerite +/- metabasalt +/- metagabbro*  
 Aodm *High-magnesium metadolerite*  
 Aodp *Dolerite, porphyritic*  
 Aog *Metagabbro, undivided; massive, equigranular or porphyritic*  
 Aoga *Gabbro, equigranular*

Ab	Abam	Abb	Abc	Abd	Abf	Abg	Abm	Abmd	Abmf
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Abp	Abs	Abx	Aby
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Ab *Metamorphosed fine-grained mafic igneous rocks, undivided*  
 Abam *Amphibolite derived from mafic igneous rock*  
 Abb *Metabasalt +/- metadolerite*  
 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*  
 Abmd *High-magnesium metabasalt with doleritic texture*  
 Abmf *Foliated high-magnesium metabasalt*  
 Abp *Metabasalt +/- metadolerite, porphyritic*  
 Abs *Schistose metabasalt*  
 Abx *Basaltic autobreccia*  
 Aby *Metabasalt, vesicular or amygdaloidal*

Ala	Alb	Ald	Alf	Alfq	Alm	Alqb	Alqm
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Ala *Amphibolite (metasedimentary)*  
 Alb *Clay rock, massive to schistose, quartz absent or minor*  
 Ald *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	Auc	Aul	Aup	Aur	Aus	Aut
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Au *Metamorphosed ultramafic rock, undivided or unassigned*  
 Auc *Talc-carbonate rock*  
 Aul *Chlorite schist (ultramafic)*  
 Aup *Peridotite; metamorphosed*  
 Aur *Tremolite schist*  
 Aus *Serpentinite, serpentine-talc rock*  
 Aut *Talc-chlorite schist, chlorite-talc schist*

CAINOZOIC

PROTEROZOIC

ARCHAEOAN