

Qa	Qac
----	-----

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
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Czq	Czs	Czt	Czu	Czz	Czzg
-----	-----	-----	-----	-----	------

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*
 Czt *Ferruginous buckshot gravel flats and small tree-rimmed clay pans*
 Czu *Silcrete on or derived from ultramafic rock*
 Czz *Silcrete over granitoid*
 Czzg *Silcrete and/or kaolinised granite*

Edi	Edy
-----	-----

Edi *Diorite dyke*
 Edy *Mafic dykes*

a	chx	d	e	g	gq	gqx	hqx	i	p
---	-----	---	---	---	----	-----	-----	---	---

po	q	qx
----	---	----

a *Aplite*
 chx *Chert breccia, commonly cemented by goethite*
 d *Dolerite*
 e *Epidosite, epidote rock*
 g *Granite*
 gq *Goethite-quartz and quartz-goethite veins*
 gqx *Goethite-quartz breccia*
 hqx *Hematite-quartz breccia*
 i *Ironstone*
 p *Pegmatite*
 po *Porphyry*
 q *Quartz, quartzolite*
 qx *Quartz breccia*

Ag	Agc	Age	Agf	Agg	AgI	Agm	Agn	Agp	Agu
----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Agz

Ag *Granitoid, unassigned*
 Agc *Coarse-grained granite*
 Age *Medium-grained granitoid, undivided*
 Agf *Fine-grained granitoid, undivided*
 Agg *Granodiorite*
 AgI *Leucogranite and microgranite*
 Agm *Biotite monzogranite*
 Agn *Strongly foliated granitoid with local weak and/or incipient layering (banding) +/- mafic lenses*
 Agp *Porphyritic granitoid*
 Agu *Mixed coarse to fine-grained granitoid*
 Agz *Monzonite*

Ac	AcI	Acis	Acj	AcI	As	Ascq	Asf	Asg	Ash
----	-----	------	-----	-----	----	------	-----	-----	-----

Ashg	Asq	Ass
------	-----	-----

Ac *Chert*
 AcI *Banded iron formation*
 Acis *Banded iron-formation with iron silicate(s)*
 Acj *Jaspilite*
 AcI *Limestone*
 As *Metasedimentary rock, undivided*
 Ascq *Oligomictic conglomerate with dominantly quartzitic or chert clasts*
 Asf *Volcaniclastic conglomerate, sandstone and tuff*
 Asg *Arkose*
 Ash *Shale and/or slate and/or phyllite and/or claystone and/or siltstone*
 Ashg *Graphitic shale, slate or schist*
 Asq *Quartzite, quartz metasiltstone*
 Ass *Sandstone and/or siltstone, metamorphosed*

Af	Afi	Afia	Afiy	Afp	Afr	Afs	Aft	Afv
----	-----	------	------	-----	-----	-----	-----	-----

Af *Metamorphosed felsic extrusive rocks, fine grained*
 Afi *Metamorphosed intermediate extrusive rocks*
 Afia *Meta-andesite*
 Afiy *Trachy-andesite*
 Afp *Metamorphosed intrusive felsic porphyry*
 Afr *Metarhyolite*
 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	Aog
-----	-----

Aod *Dolerite +/- basalt +/- gabbro*
 Aog *Gabbro, massive, equigranular or porphyritic; undivided*

Ab	Aba	Abb	Abf	Abh	Abhp	Abm	Abs
----	-----	-----	-----	-----	------	-----	-----

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*
 Abh *Hornfelsed metabasalt*
 Abhp *Pyroxene hornfels*
 Abm *Hi-magnesium metabasalt with spinifex texture*
 Abs *Schistose metabasalt*

Ala	Alb	Alf	Alfq	Alm	Alqm	An	Anc
-----	-----	-----	------	-----	------	----	-----

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*
 Alqm *Quartz-muscovite schist +/- feldspar*
 An *Banded to agmatitic felsic gneiss*
 Anc *Calc-silicate gneiss*

Au	Aut	Aux
----	-----	-----

Au *Ultramafic rock, undivided or unassigned*
 Aut *Talc-chlorite schist, chlorite-talc schist*
 Aux *Pyroxenite*

CAINOZOIC

PROTEROZOIC

ARCHAIC