

CAINOZOIC

Qa

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

Cza Czc Czd Czf Czg Czi Czk Czl Czp Czq

Czs Czu

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*
 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*

PROTEROZOIC PERMIAN

Pt

Pt *Rounded boulders and claystone derived from tillite*

Edy

Edy *Mafic dykes*

a d lp po sy q

a *Aplite*
 d *Dolerite*
 lp *Lamprophyre*
 po *Porphyry*
 sy *Syenite*
 q *Quartz, quartzolite*

Ag Agg Agm Agn Ags Agt

Ag *Granitoid, unassigned*
 Agg *Granodiorite*
 Agm *Biotite monzogranite*
 Agn *Strongly foliated granitoid with local weak and/or incipient layering (banding) +/- mafic lenses*
 Ags *Syenite to alkali-feldspar syenite*
 Agt *Tonalite*

Ac Aci Acj Acl As Asc Ascfc Asfv Ash Ass

Ac *Chert*
 Aci *Banded iron formation*
 Acj *Jaspilite*
 Acl *Limestone*
 As *Metasedimentary rock, undivided*
 Asc *Polymictic conglomerate*
 Ascfc *Oligomictic conglomerate with dominantly felsic igneous clasts*
 Asfv *Undivided sedimentary (non-volcanic) and felsic volcanic rocks*
 Ash *Shale and/or slate and/or phyllite and/or claystone and/or siltstone*
 Ass *Sandstone and/or siltstone, metamorphosed*

ARCHAEAN

Af Afa Afh Afp Afs Aft Av

Af *Metamorphosed felsic extrusive rocks, fine grained*
 Afa *Meta-andesite*
 Afh *Hornblende (+/- plagioclase)-phyric intermediate lava*
 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*
 Av *Metamorphosed felsic volcanic or volcanoclastic rocks*

Aod Aog Aogl

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

Ab Abb Abf Abm Abp Aby

Ab *Fine-grained mafic igneous rocks, undivided*
 Abb *Metabasalt +/- metadolerite*
 Abf *Mafic schist, low-grade*
 Abm *Hi-magnesium metabasalt with spinifex texture*
 Abp *Metabasalt +/- metadolerite, porphyritic*
 Aby *Metabasalt, vesicular or amygdaloidal*

Ala

Ala *Amphibolite*

Au Aup Aut Aux

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

Aw

Aw *Weathered Archaean rock of uncertain origin*

AEROMAGNETIC INTERPRETATION

Ag_m	Granitoid, medium magnetisation
Ag_L	Granitoid, low magnetisation
A_h	Unknown intrusive rock, high magnetisation
A_m	Unknown intrusive rock, medium magnetisation
A_r	Unknown intrusive rock, reversed polarised magnetism
An_m	Felsic gneiss and granite, medium magnetisation
An_L	Felsic gneiss and granite, low magnetisation
Ai	Greenstone with abundant iron formation
Ab	Greenstone belt, mainly mafic rocks
Abs	Greenstone belt, undivided
Au	Greenstone with abundant ultramafic rocks

— Well defined boundary
 - - - - - Poorly defined boundary