

CAINOZOIC

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

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|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|
| Cza | Czb | Czc | Czcl | Czd | Czf | Czg | Czl | Czp | Czq |
|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|

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|-----|-----|-----|------|
| 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*  
 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*

PROTEROZOIC

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| E <sub>dy</sub> |
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E<sub>dy</sub> *Mafic dykes*

|   |    |   |    |   |
|---|----|---|----|---|
| d | gr | i | po | q |
|---|----|---|----|---|

d *Dolerite*  
 gr *Greisen*  
 i *Ironstone*  
 po *Porphyry*  
 q *Quartz, quartzolite*

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|----|-----|-----|
| Ag | Agm | Agn |
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Ag *Granitoid, unassigned*  
 Agm *Biotite monzogranite*  
 Agn *Strongly foliated granitoid with local weak and/or incipient layering (banding) +/- mafic lenses*

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|----|----|-----|-----|
| Ac | As | Ash | Ass |
|----|----|-----|-----|

Ac *Chert and banded chert; metamorphosed*  
 As *Metasedimentary rock, undivided*  
 Ash *Shale and/or slate and/or phyllite and/or claystone and/or siltstone; metamorphosed*  
 Ass *Sandstone and/or siltstone, metamorphosed*

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| Afi |
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Afi *Metamorphosed intermediate extrusive rocks*

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|----|-----|------|-----|
| Ao | Aod | Aodp | Aog |
|----|-----|------|-----|

Ao *Medium- to coarse-grained mafic rock; metamorphosed*  
 Aod *Metadolerite +/- metabasalt +/- metagabbro*  
 Aodp *Dolerite, porphyritic*  
 Aog *Metagabbro, massive, equigranular or porphyritic; undivided*

|    |      |     |     |     |     |      |
|----|------|-----|-----|-----|-----|------|
| Ab | Abam | Abb | Abm | Abv | Aby | Aby2 |
|----|------|-----|-----|-----|-----|------|

Ab *Metamorphosed fine-grained mafic igneous rocks, undivided*  
 Abam *Amphibolite derived from mafic igneous rock*  
 Abb *Metabasalt +/- metadolerite*  
 Abm *High-magnesium metabasalt with spinifex texture*  
 Abv *Mafic volcanic rocks +/- sedimentary rocks*  
 Aby *Metabasalt, vesicular or amygdaloidal*  
 Aby2 *Metabasalt, vesicular or amygdaloidal, pillowed*

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| Ang |
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Ang *Quartzofeldspathic gneiss with mafic bands*

|    |     |     |     |     |     |     |
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| Au | Auc | Auk | Aup | Aur | Aus | Aut |
|----|-----|-----|-----|-----|-----|-----|

Au *Metamorphosed ultramafic rock, undivided or unassigned*  
 Auc *Talc-carbonate rock*  
 Auk *Komatiite; metamorphosed*  
 Aup *Peridotite; metamorphosed*  
 Aur *Tremolite schist*  
 Aus *Serpentinite, serpentine-talc rock*  
 Aut *Talc-chlorite schist, chlorite-talc schist*

ARCHAEOAN