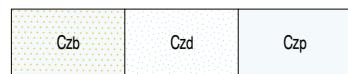


## PROTEROZOIC

## PHANEROZOIC

## QUATERNARY

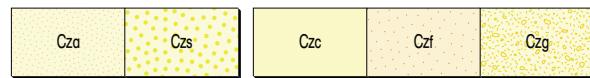
Qa Alluvium—clay, silt, sand, and gravel in channels and floodplains



Czb Ephemeral lake and dune deposits—evaporite, clay, silt, and sand in dunes, drainage basins, claypans, and channels surrounding major saline lakes

Czd Dune deposits—sand, silt, and gypsum in stabilized dunes adjacent to playa lakes

Czp Playa deposits—saline and gypsumiferous evaporites, clay, silt, and sand in playa lakes



Cza Sheetwash deposits—clay, silt, and sand as extensive fans

Czs Sandplain deposits—unconsolidated yellow sand; minor silt and clay; includes stabilized dunes

Czc Colluvium—gravel, sand, and silt as proximal sheetwash and talus; locally ferruginous

Czf Ferruginous gravel and reworked laterite

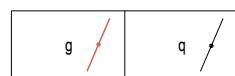
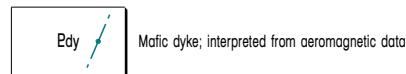
Czg Sand over granitoid rock—quartzofeldspathic sand; includes scattered granitoid outcrop



Czl Lateritic deposits—lateritic duricrust and ferricrete, massive to rubbly

Czu Silica caprock over ultramafic rock; locally includes chalcedony and chrysoprase

Czz Silcrete



g Granitoid dyke

q Quartz vein



Ag Granitoid rock, undivided; includes altered and weathered rock

Agf Strongly foliated granitoid rock

Agg Granodiorite; locally with microgranitoid xenoliths

Agm Biotite monzogranite

Agmn Hornblende-biotite monzogranite

Agmm Menangina monzogranite: biotite monzogranite, with prominent K-feldspar megacrysts; cut by pegmatite and aplite dykes

Agmn Jungle monzogranite: biotite monzogranite

Agss Syenite, coarse-grained, with K-feldspar megacrysts



Asf Volcaniclastic rock and other sedimentary rock; foliated; metamorphosed; includes quartz-feldspar-mica schist

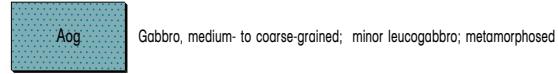
Ac Banded chert, interbedded with minor silicified slate; locally ferruginous; metamorphosed



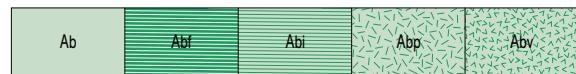
Af Felsic volcanic and volcaniclastic rock, undivided; includes tuff; metamorphosed; generally deeply weathered and kaolinized

Afs Quartz-feldspar-mica-(hornblende) schist, locally mylonitic; derived from felsic and intermediate volcanic rocks and granitoid rock

Afv Felsic volcanic rock; locally feldspar-phryic; includes medium-bedded volcaniclastic rock



Aog Gabbro, medium- to coarse-grained; minor leucogabbro; metamorphosed



Ab Metamorphosed basalt; generally deeply weathered; includes minor metagabbro and mafic schist

Abf Strongly foliated, fine-grained mafic rock; metamorphosed; includes amphibolite and hornfels; local epidote alteration

Abi Basaltic andesite, with quartz-filled amygdalites; locally feldspar-phryic; metamorphosed

Abp Basalt, with medium to coarse-grained feldspar phenocrysts; includes feldspar-phryic gabbro; metamorphosed

Abv Basalt, mainly tholeiitic; amygdaloidal; metamorphosed



Aup Peridotite, commonly serpentinized; relict olivine cumulate texture; metamorphosed; includes talc-chlorite schist

## ARCHAEOAN