

PHANEROZOIC

CAINOZOIC

QUATERNARY



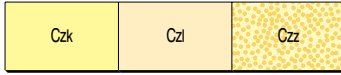
Qa Alluvium—clay, silt, sand, and gravel in channels and floodplains  
 Qac Clay and silt in claypans



Czb Ephemeral lake and dune deposits—clay, silt, and sand in claypans and dunes adjacent to playa lakes  
 Czd Dune deposits—sand, silt, gypsum, and carbonate in low dunes adjacent to playa lakes  
 Czp Playa deposits—saline and gypsiferous evaporites, clay, and sand in playa lakes

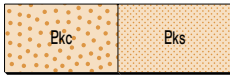


Cza Sheetwash deposits—clay, silt, and sand in extensive sheetwash fans  
 Czc Colluvium—silt, sand, and rock debris in slope deposits and as proximal sheetwash  
 Czcf Degraded lateritic duricrust and ferruginous debris  
 Czs Sandplain deposits—unconsolidated sand, and minor silt and clay; includes stabilized dunes

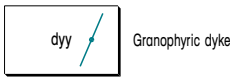


Czk Calcrete  
 Czl Lateritic deposits—lateritic duricrust  
 Czz Silcrete—siliceous duricrust developed over granitoid rock

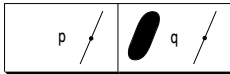
PROTEROZOIC



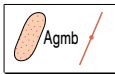
**KALUWEERIE CONGLOMERATE**  
 Ekc Polymictic conglomerate  
 Eks Arkosic sandstone and mudstone



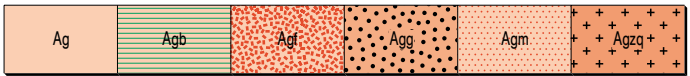
Granophyric dyke



Veins and dykes; p — pegmatite, q — quartz



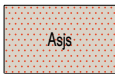
Fine-grained biotite monzogranite



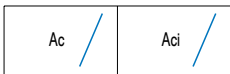
Ag Granitoid rock, undivided; typically deeply weathered  
 Agb Foliated granitoid rock with minor lenses of mafic rock; typically deeply weathered  
 Agf Foliated granitoid rock and granitoid gneiss; minor amphibolite; typically deeply weathered  
 Agg Medium-grained biotite granodiorite  
 Agm Medium- and coarse-grained; biotite monzogranite; minor granodiorite  
 Agzq Amphibole-bearing quartz monzogranite



Quartzofeldspathic gneiss



**JONES CREEK CONGLOMERATE:** arkosic sandstone, and siltstone; metamorphosed



Ac Chert and layered chert; metamorphosed  
 Aci Banded iron-formation; metamorphosed



Aba Amphibolite  
 Abf Foliated, metamorphosed mafic rock (subsurface only)  
 Abs Mafic schist; chlorite-rich schist, probably after basaltic and mafic volcanoclastic rocks



Aup Serpentinized peridotite  
 Aur Tremolite-chlorite schist (subsurface only)  
 Aut Talc-chlorite-tremolite schist (subsurface only)

ARCHEAN