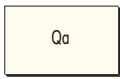


QUATERNARY



Qa Alluvium — clay, silt, sand, and gravel; in stream channels, floodplains, and small fans on lake margins



Czts Evaporite interbedded with clay, silt, and sand in playas  
 Cztd Sand, silt, clay, and gypsum in stabilized dunes adjacent to playas



Czc Colluvium — gravel, sand, and soil; includes laterite fragments  
 Czl Laterite (ferricrete) and reworked products; includes carbonate nodules  
 Czu Silica caprock and/or siliceous chalcadonic material over ultramafic rock  
 Czm Magnesite; derived from ultramafic rocks  
 Czw Weathered rock, protolith unrecognizable

CENOZOIC



Edy Mafic and ultramafic dykes; interpreted from aeromagnetic data and/or air photos where dashed  
 Edyo — Celebration Dyke, Edyg — Gidgi Dyke, Edyo — Parkeston Dyke, Edyr — Randalls Dyke



q Quartz vein



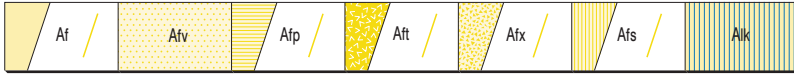
Ag Granitoid rock, undivided  
 Agm Monzogranite



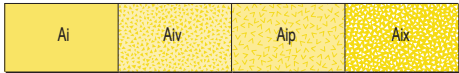
Ap Felsic porphyry  
 Apq Felsic porphyry with quartz and feldspar phenocrysts



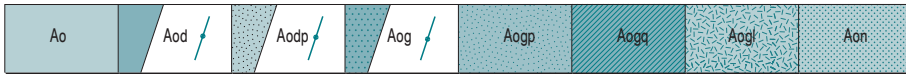
As Sedimentary and felsic volcanoclastic rocks, undivided; commonly highly weathered  
 Ash Slate and shale; minor siltstone and sandstone; commonly silicified  
 Aso Oligomictic conglomerate; subordinate sandstone; conglomerate clasts, mainly felsic volcanic rock  
 Asp Polymictic conglomerate; subordinate sandstone  
 Ass Sandstone with minor conglomerate and siltstone  
 Asx Sedimentary breccia or brecciated metasedimentary rock  
 Ac Chert, banded chert, silicified black shale and slate, and exhalite



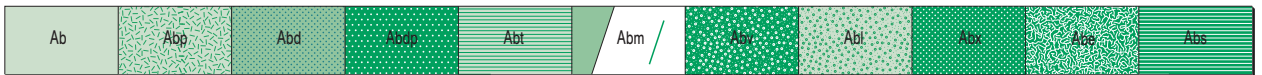
Af Felsic volcanic and intrusive rocks, undivided  
 Afv Felsic volcanoclastic and volcanic rock; subordinate tuff and lapilli tuff  
 Afp Porphyritic or porphyroclastic felsic rock of uncertain origin  
 Aft Felsic pyroclastic rock; minor volcanogenic sedimentary rock  
 Afx Felsic fragmental rock; coarse-grained; volcanic or volcanoclastic derivation  
 Afs Schist derived from felsic volcanic, sub-volcanic, and volcanoclastic rock; acid to intermediate composition  
 Alk Felsic schist with kyanite and andalusite



Ai Intermediate igneous rock, undivided  
 Aiv Intermediate volcanic rock; (c) carbonated  
 Aip Intermediate (hornblende) porphyry; uncertain origin  
 Aix Intermediate fragmental rock



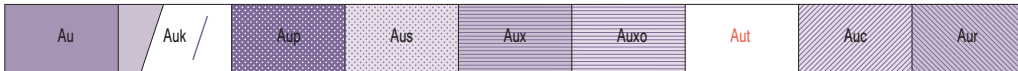
Ao Mafic igneous rock, undivided; mainly dolerite and gabbro; minor basalt; may be weathered or carbonated  
 Aod Dolerite  
 Aodp Porphyritic dolerite  
 Aog Gabbro, undivided; includes gabbro, gabbronorite, and quartz gabbro  
 Aogp Porphyritic gabbro  
 Aogq Quartz gabbro and granophyric gabbro  
 Aogl Leucogabbro  
 Aon Gabbronorite and norite



Ab Basalt, undivided; (c) carbonated  
 Abp Porphyritic basalt  
 Abd Basalt-dolerite  
 Abdp Porphyritic basalt-dolerite  
 Abt Tholeiitic basalt  
 Abm High-Mg basalt (komatiitic basalt)  
 Abv Variolitic basalt; commonly pillowed; generally high-Mg basalt composition  
 Abl Pillow basalt  
 Abx Basaltic breccia  
 Abe Epidotized basalt  
 Abs Schist derived from basalt



Am Mafic rock, protolith unknown due to metamorphism and weathering; (c) carbonated  
 Ams Mafic schist  
 Amu Mafic-ultramafic rock, schistose; protolith unknown; generally weathered



Au Ultramafic rock, undivided; mainly schistose; commonly weathered, may be silicified  
 Auk Komatiite; commonly spinifex-textured; may be silicified and/or weathered  
 Aup Peridotite; serpentized  
 Aus Serpentine  
 Aux Pyroxenite  
 Auxo Orthopyroxenite  
 Aut Talc-chlorite rock; commonly schistose (subsurface unit only)  
 Auc Talc-carbonate-(serpentine) rock; commonly schistose and weathered  
 Aur Tremolite-chlorite rock; commonly schistose

PROTEROZOIC

ARCHAIC