

CENOZOIC

QUATERNARY

Qa

Alluvium; clay, silt, sand and gravel in stream channels, flood plains and small fans on lake margins

Czts      Cztd

Czts Saline and gypsiferous evaporite interbedded with clay and sand in playa lakes  
 Cztd Quartz sand and gypsum dune deposits adjacent to playa lakes

Czc      Czfc      Czi

Czc Colluvium; gravel, sand, and soil; includes laterite fragments  
 Czfc Semiconsolidated ferruginous quartz sandstone in alluvial fans  
 Czi Laterite, mainly iron-rich and carbonate nodule types; minor silcrete and calcrete

TERTIARY

Tes

**Eundynie Group:** sandstone, siltstone, mudstone, spongolitic siltstone, calcareous sandstone, bioclastic calcarenite, bituminous siltstone; poorly indurated, lateritized cap

Edy

Mafic and ultramafic dykes; undeformed; Edyc—Celebration Dyke, Edyr—Randalls Dyke

q

Quartz vein

Ag

Dykes: Agf, Ags, descriptions as below

Ag      Agf      Agp      Agrh      Ags

Ag Granitoid rock  
 Agf Monzogranite porphyry and granodiorite porphyry  
 Agp Pegmatite  
 Agrh **RED HILL GRANITOID COMPLEX:** syenogranite, monzogranite porphyry and granodiorite porphyry  
 Ags Porphyritic syenite

As      Asf      Asg      Ash      Asm      Ass      Asw      Ach      Aci

As Pelitic and psammitic metasedimentary rocks with metaconglomerate, chert and metamorphosed felsic volcanoclastic sedimentary rock  
 Asf Metamorphosed felsic volcanoclastic rock, mainly sdeimentary  
 Asg Metamorphosed conglomerate and coarse sandstone; includes felsic volcanoclastic rock  
 Ash Slate and metamorphosed shale  
 Asm **MEROUGIL BEDS:** biotite-bearing metasedimentary rocks derived from pebbly sandstone, sandstone and siltstone  
 Ass Siliceous quartzofeldspathic schist containing kyanite  
 Ass **MT BELCHES BEDS:** biotite-bearing metasedimentary rocks derived from turbidite, minor felsic volcanoclastic sedimentary rock  
 Ach Chert  
 Aci Metamorphosed banded iron-formation

ARCHAEAN

Af      Afp      Aft      Afv

Af Metamorphosed felsic volcanic rock  
 Afp Metamorphosed intrusive dacite and rhyodacite porphyry  
 Aft Metamorphosed dacite and rhyolite agglomerate and tuff  
 Afv Metamorphosed felsic volcanoclastic rock derived from tuff with minor sedimentary rock

Afs

Schist derived from dacite and rhyolitic volcanic, sub-volcanic and volcanoclastic rock

Ais

Schist derived from andesitic and dacitic volcanic and volcanoclastic rock

Ao      Aod      Aog      Aou

Ao Metamorphosed mafic and ultramafic intrusive rocks  
 Aod Metadolerite  
 Aog Metagabbro  
 Aou Metaperidotite and metapyroxenite

Ab      Abm      Abt      Abx

Ab Mafic schist, metabasalt, metadolerite and amphibolite  
 Abm Metamorphosed high-Mg basalt, with some pillows and variolitic textures  
 Abt **KAMBALDA FOOTWALL BASALT:** metamorphosed pillow basalt  
 Abx Metamorphosed basalt breccia

Aku

Metakomatite

Au

Ultramafic schist