

# REFERENCE

QUATERNARY



- Qa Alluvium – silt, sand and gravel in stream channels
- Ql Lacustrine deposits – saline and gypsiferous clay and silt in playa lakes
- Qd Eolian and alluvial deposits – silt and sand in sheets and dunes; gypsiferous near playa lakes
- Qc Colluvium and minor alluvium – silt, sand and gravel; generally on slopes adjoining rock and laterite outcrops

CAINOZOIC



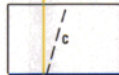
- Cza Alluvium – silt and sand in broad valley flats; extensively reworked by present drainage
- Czc Conglomerate – boulders of quartzite, granite and dolerite in sandstone or claystone matrix
- Czs Reworked sandplain – yellow and white sand; contains locally abundant limonite pebbles
- Czl Laterite – limonite cemented, nodular and massive duricrust; overlies deeply weathered bedrock
- Czb Silcrete – subvitreous silica cemented sandstone with angular, embayed quartz grains

TERTIARY



- Ta Alluvium – sand and gravel; remnant of former stream channel
- Tks **KOJONUP SANDSTONE** : lithified medium-grained sandstone and minor pebble conglomerate; contains abundant plant fossils

PROTEROZOIC



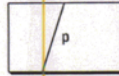
Clastic dyke



Dolerite and diorite dykes



Quartz vein



Pegmatite dyke



Afp Dacite with plagioclase phenocrysts



- Agp Porphyritic granite and adamellite with microcline phenocrysts
- Agv Seriate adamellite; variably textured, medium and coarse-grained; locally porphyritic
- Agh Hornblende-bearing adamellite; medium and coarse-grained
- Age Biotite granite and adamellite; medium and coarse, even-grained; locally foliated
- Agn Mixed granitic rocks; predominantly even-grained and porphyritic, granite and adamellite
- Agn Adamellite and granodiorite with nebulous biotite banding; medium-grained; strongly recrystallized



- Anf Leucocratic gneiss and granofels; fine and medium-grained
- Anh Leucocratic granofels; texturally layered (including aplitic and pegmatitic phases) with abundant xenoliths of mafic gneiss
- Ana Augen gneiss; derived from porphyritic granite and adamellite
- Ans Adamellite, granodiorite and tonalite gneiss; biotite or hornblende foliae; minor compositionally banded phases
- Anb Quartz-feldspar-biotite gneiss : compositionally and texturally banded
- Ang Heterogeneous, foliated and banded gneiss extensively intruded by granite and adamellite containing abundant biotite schlieren



- Aq Quartzite
- Aa Mafic hornblende-plagioclase amphibolite; predominantly medium-grained
- Ahf Mafic hornblende-plagioclase-hypersthene granulite
- Ahi Banded quartz-magnetite-grunerite granulite (metamorphosed banded iron-formation)

ARCHAEAN

Predominantly recrystallized by high-grade static metamorphism