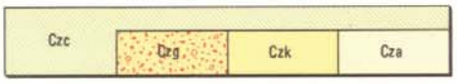
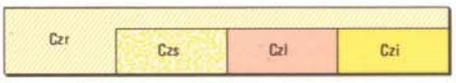
REFERENCE

CAINOZOIC

Ql Lacustrine deposits — mixed playa and dune association, clay, silt and sand deposits; mainly saline
Qld Dunes — sand at lake margins, includes kopi marked as gypsum (Gp) mineral occurrence
Qlp Playas — clay, silt, sand; mainly saline



Czc Alluvial and colluvial deposits — transported clay, sand and lithic fragments; may be indurated
Czg Lateritic gravel, sand, includes minor clay
Czk Calcrete in mature drainage zones and around playas
Cza Sand and clay deposited in channels and adjacent flood plains

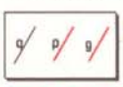


Czr Residual deposits — sand, clay, duricrust
Czs Sandplain — yellow sand commonly eolian reworked; includes some red colluvial sand on plateau remnants
Czl Laterite — commonly on top of breakaways; may include consolidated grit on a stripped surface
Czi Silcrete — siliceous duricrust

?PROTEROZOIC

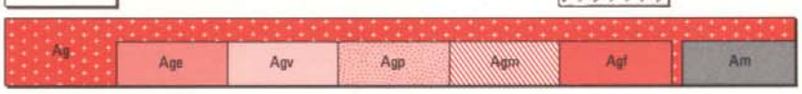
Dykes — d: mafic, commonly dolerite; di : coarse-grained leucogabbro

GRANITOID ROCKS



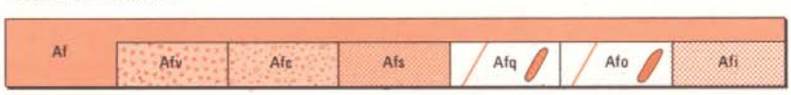
Veins — q: quartz; p : quartz-feldspar porphyry; g : granitoid; quartz diorite to adamellite

Overprint indicating granitoid rocks strongly foliated, lineated and/or recrystallized

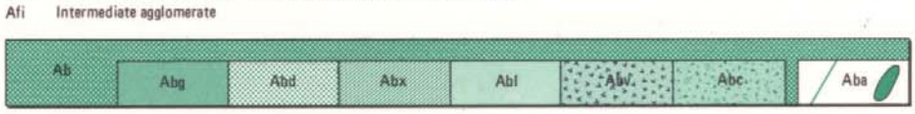


Ag Granitoid rock unassigned — most is variably recrystallized and some is deformed
Age Adamellite to granodiorite — medium even-grained; includes minor xenoliths
Agv Adamellite — medium-grained with less than 10 per cent feldspar megacrysts; includes megacrysts of quartz
Agp Granite to adamellite — medium to coarse-grained and porphyritic, megacrysts both idiomorphic and corroded
Agm Granite to granodiorite — even-grained and porphyritic; intimate mixtures of Age, Agp, Agv, and Agf
Agf Granodiorite — fine to medium even-grained; commonly contains abundant biotite and feldspar megacrysts; widespread xenolith phase
Am Contact migmatite — includes supracrustal remnants associated with various textural granitoid types; typically developed near to supracrustal belts

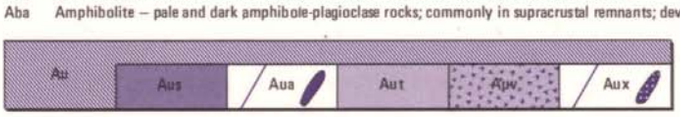
SUPRACRUSTAL ROCKS



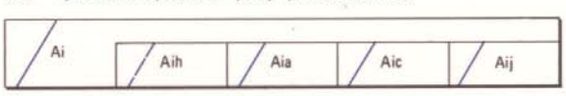
Af Felsic (quartzo-feldspathic) volcanic and sedimentary rocks unassigned
Afv Felsic volcanic rocks — banded to massive, fine to medium-grained amygdaloidal lavas with tuffaceous and agglomeratic layers; rhyolite to dacite composition; may include minor sedimentary rocks
Afc Felsic tuff and agglomerate — banded and crystal tuffs
Afs Felsic sedimentary rocks — fine to medium-grained, laminated to massive; includes minor Asp units; may contain felsic volcanic rocks
Afq Quartz-muscovite schist — fine to medium-grained; occurs mainly in contact zones adjacent to granitoids, local biotite-hornblende tonalite gneiss
Afo Quartz-plagioclase porphyry — includes fine-grained massive dacitic rocks
Afi Intermediate agglomerate



Ab Mafic rocks unassigned — may include minor felsic and ultramafic rocks
Abg Gabbro — medium to coarse-grained actinolite-plagioclase rocks, some with accessory quartz; may contain minor ultramafic differentiates
Abd Dolerite — fine to medium-grained actinolite-plagioclase rocks; may contain minor ultramafic differentiates
Abx Differentiated flow and sill rocks with pyroxenitic or peridotitic bases
Abl Basalt — fine-grained to aphanitic plagioclase-pale amphibole rocks; includes massive, variolitic, amygdaloidal and pillowed varieties
Abv Mafic volcanic rocks — intermixed layers of felsic and ultramafic volcanic rocks common
Abc Basaltic agglomerates and minor tuffaceous rocks — may include minor felsic volcanic rocks
Aba Amphibolite — pale and dark amphibole-plagioclase rocks; commonly in supracrustal remnants; developed in zones of high strain



Au Ultramafic rocks unassigned — includes minor mafic rocks
Aus Serpentinite — serpentine-talc rocks commonly with relict texture preserved; formed after peridotite
Aua Pale magnesian amphibole-chlorite-talc rocks — some with minor serpentinite; commonly schistose
Aut Talc schist — includes minor chlorite and pale magnesian amphibole; some mafic rocks included
Auv Ultramafic volcanic rocks—predominantly pyroclastic varieties; mostly comprised of pale amphibole-chlorite; relict olivine
Aux Pyroxerite and peridotite — partly hydrated and altered



Ai Banded iron-formation — includes banded chert
Aih Hematite-magnetite-quartz band iron-formation
Aia Magnetite (hematite) -amphibole-quartz banded iron-formation — amphibole may be pale magnesian type or grunerite
Aic Chert
Aij Jaspilite — red and black banded iron-formation

As Sedimentary rocks unassigned — includes quartz-muscovite semi-pelitic rock
Asp Pelitic to semi-pelitic quartz-feldspar rocks — includes siltstone, shale, phyllite and schist; may be laminated, graded or massive; andalusite and almandine present locally
Asa Psammitic rocks — includes minor quartzite cross-laminated, pebbly or graded; generally granular textured, but may be foliated
Ass Semi-pelitic rocks — includes quartz wacke; commonly graded with pebbly bands; andalusite and almandine present locally; volcanogenic component present

ARCHAEAN

Regional metamorphism attains greenschist to amphibolite facies

Overprint indicating deeply weathered or soil covered rock