

# Reference

## QUATERNARY

Ql	Lake deposits; clay, silt and sand; saline and gypsiferous
Qg	Eolian deposits; lake derived sand and gypsum in dunes and sheets
Qd	Clay, silt and sand; in saline drainages and marginal to salt lakes
Qs	Red and yellow quartz sand, eolian
Qm	Silt and sand composed of quartz and feldspar grains; marginal to granite outcrops
Czc	Clay, silt, sand and rock fragments; poorly sorted colluvium and minor alluvium
Czk	Kankar, massive, nodular and sheet-like soil carbonate, minor chalcedony
Czu	Poorly sorted sandstone, conglomerate, minor siltstone; contains silcrete pebbles
Czb	Silcrete; sub-vitreous siliceous rock with angular quartz grains; includes silicified Paterson Formation
Czl	Laterite; massive, cavernous and pisolitic
Czj	Jasperoidal chalcedony, magnesite and limonitic deposits; overlying ultramafic rocks
Czo	Deeply weathered Archaean rocks; kaolinized, in part ferruginized and silicified

## LOWER PERMIAN

Paterson Formation

Pa	Undivided, includes one or more of the following facies;
	Pat — Coarse-grained, poorly sorted sandstone, conglomerate, minor siltstone; dominantly fluvialite
	Pal — Claystone, siltstone, fine-grained sandstone; some erratics, rare varves; lacustrine and glacio-lacustrine
	Pag — Tillite; minor sandstone, siltstone, conglomerate; glacial

## PROTEROZOIC

Ed	Mafic dykes, quartz dolerite, gabbro, pyroxenite
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qz	Quartzite
pEgs	Strongly sheared felsic rock

Ag	Granitic rock, unassigned
Agf	Leucocratic granite in small intrusions
Agm	Muscovite-biotite granite to adamellite; medium-grained
Agb	Biotite granite to adamellite; medium to coarse-grained
Agg	Strongly foliated granitic rock
Agf	Granodiorite
Agm	Migmatite and mixed granitic rocks

Ad	Mafic intrusive rocks; medium to coarse-grained
Au	Ultramafic intrusive rocks; tremolite-chlorite-talc-serpentine assemblages; altered peridotite
Ap	Felsic intrusive rocks; quartz-feldspar porphyry, porphyritic microgranite
Aq	Chert, ferruginous chert, minor banded iron formation
Aw	Banded iron formation (banded quartz-magnetite rock), minor jaspilite and chert
As	Clastic rocks; phyllitic schist, siltstone; includes minor tuffaceous and felsic rocks
Ast	Fine-grained felsic volcanoclastic rocks
Ash	Staurolite-andalusite-quartz schist; impure quartzite
Ab	Mafic extrusive rocks; basalt; fine to medium-grained; minor mafic intrusive rocks
Ar	Tremolite-actinolite-chlorite assemblages; schistose; could be high-magnesium basalt

Regional metamorphism is not uniform — attains amphibolite facies

CAINOZOIC

PALAEZOIC

ARCHAEAN