

# Reference

CAINOZOIC

QUATERNARY

Qd	Clay, silt, sand; marginal to salt lakes: colluvium, minor alluvium
Ql	Clay, silt and sand, saline and gypsiferous: lacustrine
Qg	Gypsum and quartz sand; marginal to salt lakes: aeolian
Qs	Red to yellow quartz sand; longitudinal dunes and plains: aeolian
Czc	Poorly sorted clay, silt, sand and rock fragments: colluvium, minor alluvium
Czk	Nodular and cavernous limestone and sandy limestone; minor chalcedony and clay: calcrete
Czs	Red quartz sand, ferruginous pisoliths, minor clay: residual lateritic soil, in part deflated
Czl	Pisolitic, nodular and massive laterite
Czb	Sub-vitreous siliceous rock with angular quartz grains, commonly ferruginized: silcrete
Czo	Kaolinized, partly ferruginized and silicified crystalline rocks: weathered basement

PROTEROZOIC

EARLY PERMIAN

Paterson Formation

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

ADELAIDEAN

Es	Flaggy quartz arenite, well sorted, some large-scale cross bedding, ripple marks, minor chert
----	---

En	Dolerite
----	----------

CARPENTARIAN

Pd	Dolomite, dolomitic siltstone and oolitic sandstone; abundant stromatolites; minor chert
----	--

Pe	Multicoloured oolitic sandstone, flaggy to fissile fine sandstone and siltstone
----	---

Pq	Quartz arenite, quartzite, well sorted silicified; minor glauconite
----	---

ARCHAEAN

LOWER TO MIDDLE UPPER PROTEROZOIC\*

Ag	Undivided granitic rocks
Agb	Medium to coarse granite and adamellite
Age	Fine to medium granite and adamellite
Agg	Strongly foliated adamellite and granodiorite
Agm	Mixed granitic rocks, fine to coarse granite to granodiorite; some nebulitic structures
Aq	Banded chert, minor phyllite and banded iron formation
Aw	Quartz - magnetite banded iron formation, minor chert
Afa	Felsic volcanic rocks, metamorphosed; mostly pyroclastic with minor lavas and pelitic rocks
Afl	Fine felsic volcanic rocks, mainly lavas, minor tuff
Afp	Quartz-feldspar porphyry
As	Metamorphosed sedimentary rocks, phyllite and micaceous schist, metasiltstone
Ass	Black siliceous shale
Ada	Medium to coarse mafic rock; metagabbro, amphibolite
Aba	Fine mafic rock, metabasalt amphibolite
Ar	Tremolite-chlorite-talc assemblages; mafic to ultramafic; includes high magnesium basalt

\*Subdivisions of the Precambrian time-scale used by the Geological Survey of Western Australia, shown in grey