

## REFERENCE

Ql	Qg	Qa	Qc	Qs
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- Ql Saline silt and mud on salt lakes  
 Qg Gypsiferous and calcareous sand in dunes peripheral to salt lakes  
 Qa Alluvial sand and silt in drainages  
 Qc Colluvial gravel on scree slopes and sheet wash plains  
 Qs Reddish eolian sand

Tk	Tl
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- Tk Calcrete  
 Tl Laterite

QUATERNARY

TERTIARY

PROTEROZOIC

ARCHAEAN

Bangemall Group (M)

M(d)	Dolerite sills in Bangemall Group
Mz	ILGARARI FORMATION : manganese-stained sandstone, siltstone and mudstone
My	CALYIE FORMATION : well-bedded, clean quartz sandstone
Mb	BACKDOOR FORMATION : shale and black laminated chert
Mb(c)	Dolomite
Mb(b)	Chert breccia
Mw	WONYULGUNNA SANDSTONE : thickly bedded quartz sandstone

ES	MOUNT LEAKE SANDSTONE : cross-bedded quartz sandstone, with minor glauconite, and basal silicified stromatolitic carbonate
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Padbury Group (P)

Pm	MILLIDIE CREEK FORMATION : impure sandstone, siltstone and shale; minor carbonate and granular iron-formation
Pr(a)	ROBINSON RANGE FORMATION : granular iron-formation
Pr(s)	Sericitic ferruginous shale
Pr(b)	Banded iron-formation
Pw	WILTHORPE CONGLOMERATE : conglomerate with sandstone matrix

Earaheedy Group (E)

Ey	YELMA FORMATION : quartz sandstone
Ey(c)	Stromatolitic dolomite
Ey(b)	Chert breccia
Ey(a)	Conglomerate

Glengarry Group (G)

G(b)	Dolerite sills in Glengarry Group
G(a)	Quartz sandstone and siltstone
G(x)	Quartz-muscovite-chlorite schist after felsic tuff and agglomerate
Gf	LABOUCHERE FORMATION : quartz sandstone and sericitic siltstone in an upward fining sequence
Gh	HORSESHOE FORMATION : sub-greywacke, manganese shale and siltstone
Gh(i)	Iron-formation member
Gt	THADUNA GREYWACKE : lithic and feldspathic greywacke turbidite
Gt(a)	Prominent chert-hematite jasper bed
Gn(a)	NARRACOOTA VOLCANICS : Ultramafic lava and tuff; now mostly chlorite-tremolite-talc phyllite
Gn(a)	Prominent jasper bed
Gn(b)	Tholeiitic basalt
Gk	KARALUNDI FORMATION : ferruginous shale and siltstone; iron-cemented gritty sandstone, dolomite, chert, basaltic tuff
Gd(a)	DOOLGUNNA FORMATION : arkose
Gd(o)	Conglomerate
Gd(s)	Feldspathic and quartz sandstone; granule conglomerate
Ga	JOHNSON CAIRN SHALE : varicoloured shale, with pisolitic magnesite and dolomite beds; minor greywacke
Gj	JUDERINA FORMATION : cross-bedded and ripple-marked; fine-grained flaggy mature sandstone; and sericitic siltstone
Gc	CRISPIN CONGLOMERATE : boulder conglomerate in sandstone matrix
Gm	MARALOOU FORMATION : shale and minor dolomite
Gf	FINLAYSON SANDSTONE : thickly bedded, mature sandstone

Stratigraphic relationship to main Glengarry Group sequence is uncertain

Peak Hill Metamorphics (Pl)

Plm	Quartz-muscovite-albite-magnetite schist
Pls	Muscovite schist
Eq	Quartzite
d	Dolerite dyke
q	Quartz vein

As	Af	Au	Ab
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- As Pelitic metasedimentary rocks, quartzite, banded iron-formation  
 Af Felsic agglomerate; lapilli tuff  
 Au Chlorite-tremolite schist after ultramafic volcanics  
 Ab Metamorphosed tholeiitic basalt

Ag	Ang	Ai	Anc
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- Ag Biotite adamellite  
 Ang Granodiorite gneiss  
 Ai Quartz-magnetite-amphibole rock; metamorphosed banded iron-formation  
 Anc Calc-silicate gneiss and amphibolite