

Qz	Qa	Qs	Ql	Qg	Qgd	Qc
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- Qz Red-brown or yellow-brown clay, silt, sand, gravel over pebbly clay hardpan: mixed colluvial and alluvial
- Qa Clay, silt, sand, gravel: alluvial
- Qs Dark red or red-brown quartz sand: aeolian
- Ql Clay, silt, gypsum, halite: alluvial and lacustrine
- Qg Red-brown to white sand: aeolian; clay, silt, gravel, gypsum, halite: alluvial
- Qgd Gypsum, minor red sand: aeolian
- Qc Poorly sorted sand to gravel, scree: colluvial

Czs	Czk
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- Czs Yellow, pink, or brown sand, silt and clay: abundant, limonitic pisolites
- Czk Massive, nodular, or sheet calcrete; minor chalcedony

Tl	Tb	Tj
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- Tl Massive or pisolitic limonitic ferricrete and laterite; minor ferruginised weathered bedrock
- Tb Silcrete and nodular laterite over deeply weathered granitoid or gneiss
- Tj Jasperoidal chalcedony and siliceous limonite over ultramafic rock



Dolerite, gabbro dyke, sill or plug



Aor Orthoschist

q	peg	apl	po	g	e
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- q Quartz dyke or vein
- peg Pegmatite
- apl Aplite
- po Porphyry
- g Granite dyke
- e Epidosite

GRANITOIDS

Ag	Agb	Age	AgI	Agv	Agf	AgT	Agm	
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Strongly foliated granitoid

- Ag Undivided granitoid, commonly deeply weathered
- Agb Medium to coarse adamellite, granodiorite, and granite
- Age Fine to medium granodiorite and adamellite
- AgI Porphyritic granite and adamellite; angular microcline phenocrysts
- Agv Seriate adamellite, granodiorite, and granite; fine to coarse feldspar
- Agf Leucocratic microgranite; felsite
- AgT Hornblende-biotite granodiorite, tonalite, quartz diorite
- Agm Mixed granitoids, mainly Agb with Age, Agv or Anb

LAYERED MAFIC INTRUSIONS Regional metamorphic facies reaches middle amphibolite

Adj	Adjw	Adjw ₁	Adjw ₂	Adjw ₃	Adnw	Auxw	Adjy	Ada
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- Adj Interlayered gabbro, leucogabbro, melagabbro, pyroxenite, minor magnetite rock
- WINDIMURRA INTRUSION
- Adjw Interlayered gabbro, norite, leucogabbro, melagabbro, anorthosite, pyroxenite, magnetite rock
- Adjw₁ Interlayered gabbro and magnetite rock
- Adjw₂ Coarse to very coarse melagabbro and gabbro
- Adjw₃ Coarse melagabbro, pyroxenite, gabbro, and magnetite rock
- Adnw Fine to coarse anorthosite
- Auxw Coarse amphibolite after pyroxenite
- YOUANMI INTRUSION
- Adjy Interlayered gabbro, leucogabbro, melagabbro, pyroxenite, anorthosite, magnetite rock
- Ada Foliated, coarse amphibolite after gabbro

GREENSTONE SEQUENCES Regional metamorphic facies reaches middle amphibolite

Aiw	Aim	Aic	Aiq
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- Aiw Magnetite-quartz banded iron formation ± hematite; minor jaspilite, chert, chert-pebble conglomerate
- Aim Amphibole-magnetite-quartz banded iron formation ± pyroxene
- Aic Mottled or banded slightly ferruginous chert, commonly recrystallised
- Aiq Porous ferruginous quartzite ("freddite")

Ass	Asq	Alp	Alc	Aap
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- Ass Fine argillite, black or grey siliceous shale
- Asq Quartzite, orthoquartzite, muscovite-quartz schist
- Alp Biotite-muscovite-quartz schist ± garnet, ± andalusite, ± cordierite
- Alc Chlorite schist ± magnetite
- Aap Malic para-amphibolite

Af	Afl	Aft	Afx
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- Af Felsic volcanics
- Afl Dacite and rhyolite, porphyritic in part; minor aphanitic tuff
- Aft Aphanitic to phaneritic crystal, vitric, or lithic felsic tuff
- Afx Felsic agglomerate, pisolitic or lapilli felsic tuff



Ado Metamorphosed, medium to coarse dolerite and gabbro

Ab	Aby	Abu	Aba	Abb	Abk
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- Ab Tholeiitic basalt; some pillows
- Aby Amygdaloidal tholeiitic basalt; some flow tops
- Abu Komatiitic basalt; in places variolitic, ocellar, and pillowed
- Aba Foliated, fine amphibolite
- Abb Massive, fine actinolite-chlorite-epidote-albite metabasalt
- Abk Carbonated metabasalt

Au	Aup	Aus	Aux	Aur	Aue	Aud
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- Au Ultramafic volcanics and intrusions (Precambrian Geology diagram only)
- Aup Partly serpentinised, coarse peridotite
- Aus Serpentinised, medium to fine peridotite, serpentinite
- Aux Coarse amphibolite after pyroxenite
- Aur Acicular or porphyroblastic chlorite-tremolite rock ± serpentine ± talc, chlorite-talc rock, komatiitic metabasalt
- Aue Talc rock, carbonate-talc rock and silicified equivalents
- Aud Coarse serpentinite after dunite

GNEISSES Regional metamorphic facies reaches upper amphibolite

Anl	Anb	Anf	Ana	Anq	Anu	Ant	Ani
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- Anl Banded, nebularitic, or schlieric biotite-quartz-feldspar orthogneiss; minor adamellitic to granodiorite augen gneiss
- Anb Banded and/or granoblastic biotite-quartz-microcline-plagioclase gneiss; minor migmatite, amphibolite, quartz-magnetite rock, orthogneiss
- Anf Banded and/or granoblastic, partly migmatitic biotite-muscovite-plagioclase-microcline-quartz gneiss ± garnet
- Ana Banded clinopyroxene-plagioclase-hornblende amphibolite ± garnet
- Anq Lineated granular quartzite ± muscovite
- Anu Serpentine-talc-chlorite-tremolite rock
- Ant Tonalitic gneiss
- Ani Banded granular magnetite-quartz rock ± amphibole