REFERENCE

CAINOZOIC

QUATERNARY

Qa — Alluvium

Czts | Cztd

Czts — Evaporite, interbedded with clay and sand
Cztd — Quartz sand and gypsum dune deposits

Czc | Czf | Czl

Czc — Colluvium
Czf — Semiconsolidated ferruginous quartz sandstone
Czl — Laterite

TERTIARY

Tes — **Eundynie Group**: sandstone, siltstone, and mudstone; including spongolitic, calcareous and bituminous varieties

PALAEOZOIC

? PERMIAN

Ps — **? PATERSON FORMATION** : quartz sandstone and siltstone

PROTEROZOIC

Puw — **WOODLINE BEDS** : arenaceous and argillaceous metasedimentary rocks, including silicified evaporite

Pa | Pas | Paf1 | Paf2 | Paf4 | Paf5 | Pag

Pa — **ALBANY–FRASER OROGEN** : granulite and amphibolite facies rocks, including metagabbro, metasedimentary rock, metagranitoid rock and gneiss
Pas — Gneiss and metasedimentary rock
Paf1 — Garnet amphibolite (strongly magnetic)
Paf2 — Pyroxene granulite (weakly magnetic)
Paf4 — Pyroxene granulite (moderately magnetic)
Paf5 — Metagabbro
Pag — Gneissic augen granitoid rock

} **FRASER COMPLEX**

Pdy — Mafic and ultramafic dykes : Pdyb – Binneringie Dyke; Pdyc – Celebration Dyke; Pdyj – Jimberlana Dyke; Pdyr – Randalls Dyke

ARCHAEAN

q — Quartz veins

Alm — Quartz muscovite schist (? deformed Ag)

Ag — Dykes : Ag, Agf, Ags, Agp as below

Ag | Agy | Agn | Agrh | Agw | Agf | Ags | Agp | Agh

Ag — Granitoid rock
Agy — **ERAYINIA GRANITOID COMPLEX** : foliated hornblende biotite monzogranite and porphyritic granodiorite with abundant small mafic xenoliths
Agn — **PIONEER GRANITOID COMPLEX** : foliated porphyritic monzogranite and gneiss with pegmatite and quartz veins
Agrh — **RED HILL GRANITOID COMPLEX** : syenogranite, monzogranite porphyry and granodiorite porphyry
Agw — **WIDGIEMOOLTHA MONZOGRANITE** : foliated porphyritic monzogranite
Agf — Monzogranite porphyry and granodiorite porphyry
Ags — Porphyritic syenite
Agp — Pegmatite
Agh — Granitoid rock hornfelsed by the Binneringie Dyke

An | Ang

An — Quartzo-feldspathic gneiss
Ang — **FIFTY MILE TANK GNEISS** : quartzo-feldspathic gneiss and augen gneiss

As | Asm | Asf | Ash | Ach | Asw | Asb | Aci

As — Pelitic and psammitic metasedimentary rocks with metaconglomerate, chert and metamorphosed felsic volcaniclastic rocks
Asm — **MEROUGIL BEDS** : biotite-bearing metasedimentary rocks derived from pebbly sandstone, sandstone and siltstone
Asf — Metamorphosed felsic volcaniclastic sedimentary rock and minor volcanic rocks
Ash — Metamorphosed shale and slate
Ach — Chert
Asw — **MOUNT BELCHES BEDS** : biotite-bearing metasedimentary rock derived from turbidite
Asb — Mafic schist interlayed with quartz-rich schist
Aci — Metamorphosed banded iron-formation

Af — Metamorphosed felsic volcanic rock

Afs — Felsic schist

Ao | Aod | Aog | Aou

Ao — Metamorphosed mafic and ultramafic intrusive rocks
Aod — Metadolerite
Aog — Metagabbro
Aou — Metaperidotite and metapyroxenite

Ab | Abm | Abt

Ab — Mafic schist, metabasalt, metadolerite and amphibolite
Abm — Metamorphosed high-Mg basalt, with some pillows and variolitic textures
Abt — **KAMBALDA FOOTWALL BASALT** : metamorphosed pillow basalt

Aku — Metakomatiite

Au — Ultramafic schist