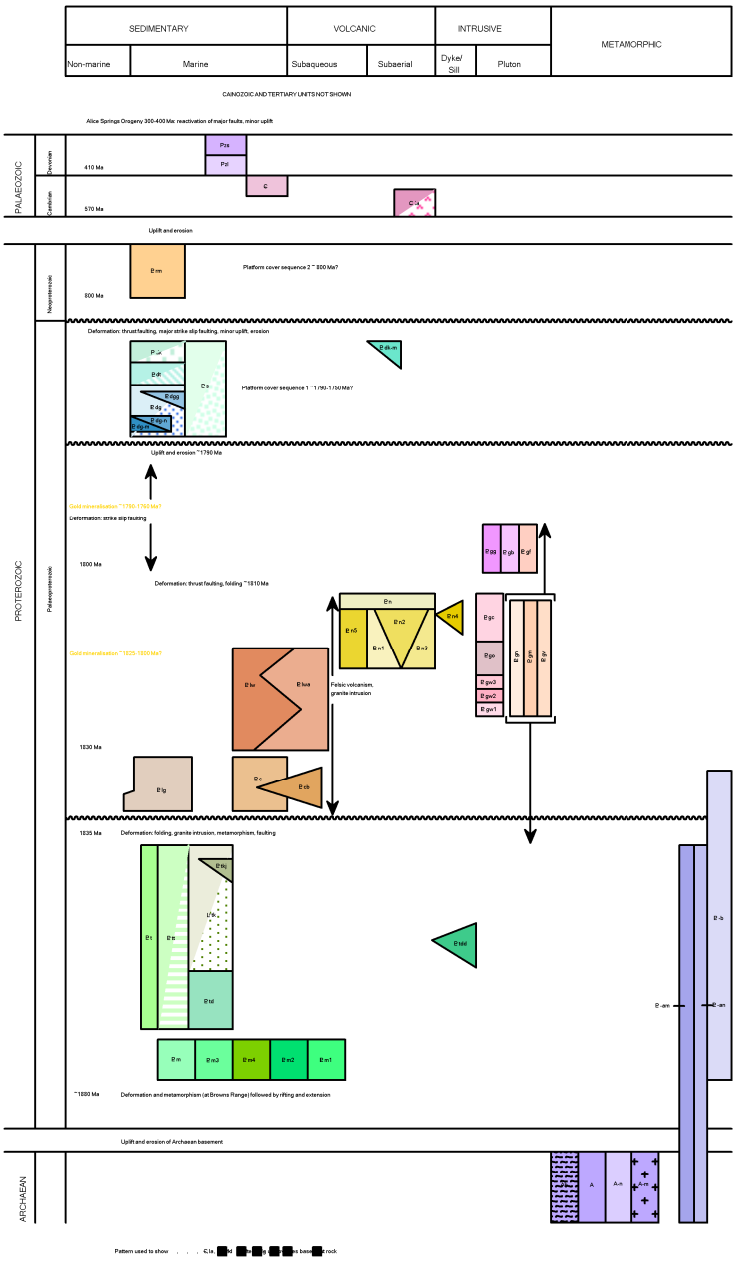


Pattern used to show [illegible] C la, [illegible] rock

| | | | |
|---|---|---|---|
| | | Pzx | Sandstone: non-magnetic |
| | | Pzl | Sandstone, siltstone, mudstone: non-magnetic |
| Antrim Plateau Volcanics | | C | Sandstone, siltstone, shale: non-magnetic |
| | | C la | Basalt: moderately magnetic |
| Redcliff Pound Group | Muriel Range Sandstone | E rm | Arenite, siltstone, shale, conglomerate, arkose, breccia: non-magnetic |
| Birrindudu Group | Coomarie Sandstone | E dk | Sandstone: weakly magnetic |
| | | E dk-m | Basalt or magnetite-rich sandstone: moderately magnetic |
| | Talbot Well Formation | E dt | Chert, arenite, siltstone, mudstone, limestone: non-magnetic |
| | Gardiner Sandstone | E dg | Sandstone: non-magnetic |
| | | E dgg (Glauconitic Sandstone member) | Sandstone: non-magnetic |
| | | E dg-m | Sandstone: weakly magnetic |
| | | E dg-n | Sandstone: non-magnetic |
| | Supplejack Downs Sandstone | E s | Sandstone: non-magnetic |
| Granites Suite | | E gg | Biotite granite: I-type: moderate-highly magnetic, low gravity response |
| Bore Field Road Suite | | E gb | Diorite and gabbro: I-type: high-intensely magnetic, moderate gravity response |
| Frederick Suite | | E gf | Biotite hornblende granodiorite; I-type: moderate-high magnetic, low gravity response |
| | | E gn | Undifferentiated intrusive: non-magnetic, low gravity response |
| | | E gm | Undifferentiated intrusive: moderately magnetic, low gravity response |
| | | E gv | Undifferentiated intrusive: variably magnetic, low gravity response |
| Coomarie Suite | | E gc | Biotite hornblende granodiorite; I-type: weakly magnetic, low gravity response |
| Inningarra Suite | | E go | Biotite, hornblende granodiorite; I-type: variably magnetic |
| Winnecke Suite | | E gw3 | Biotite hornblende granodiorite; I-type: non to weakly magnetic |
| | | E gw2 | Biotite hornblende granodiorite; I-type: moderate-highly magnetic |
| | | E gw1 | Biotite hornblende granite; I-type: non-magnetic |
| Mount Winnecke Group | Nenny Goat Volcanics | E n | Undifferentiated: non to weakly magnetic |
| | | E n5 | Sandstone: non-magnetic |
| | | E n4 | Basalt: moderate-highly magnetic |
| | | E n3 | Rhyolite lava: non-magnetic |
| | | E n2 | Rhyolitic feldspar-quartz ignimbrite: non-magnetic |
| | | E n1 | Rhyolitic quartz-feldspar ignimbrite: non-magnetic |
| | | E lw | Sandstone: non to weakly magnetic |
| | | E lwa | Dacite and rhyolite porphyries and volcanics: weakly magnetic |
| | Mount Charles Formation | E c | Sandstone, siltstone, basalt: non to weakly magnetic, high gravity response |
| | | E cb (Basalt member) | Basalt: intensely magnetic, high gravity response |
| | Pargee Sandstone | E tg | Conglomerate, sandstone, siltstone: non to weakly magnetic |
| Tanami Group | | E -am | Undifferentiated: moderate-highly magnetic |
| | | E -an | Undifferentiated: non to weakly magnetic |
| | | E -b | Undifferentiated: complex magnetic responses |
| | | E bld | Metadolerite sills: moderate-highly magnetic |
| | | E t | Undifferentiated: non to weakly magnetic |
| | Twigg Formation | E tt | Siltstone, sandstone, chert: non-magnetic |
| | Killi Killi Formation | E tkj (Jasperitic Chert member) | Jasperitic chert: non-magnetic |
| | | E tk | Sandstone, siltstone: non to weakly magnetic |
| | Dead Bullock Formation | E tbd | Siltstone, numerous sills: moderate-intensely magnetic, high gravity response |
| MacFarlane Peak Group | | E m | Undifferentiated: non to weakly magnetic |
| | | E m4 | Siltstone and calc-silicate: non to weakly magnetic |
| | | E m3 | Metagreywacke and schist: non-magnetic |
| | | E m2 | Interbedded basalt and volcaniclastic sediment, possible felsic volcanics and dolerite: weakly magnetic |
| | | E m1 | Amphibolite, possible dolerite, basalt: high-intensely magnetic, high gravity response |
| Browns Range Metamorphics | | Ab | Undifferentiated schist, gneiss, migmatite: non-magnetic |
| | | A | Undifferentiated felsic and mafic gneiss, granite and migmatite: variably magnetic, high gravity response |
| | | A-n | Undifferentiated felsic and mafic gneiss, granite and migmatite: non-magnetic, high gravity response |
| | | A-m | Undifferentiated felsic and mafic gneiss, granite and migmatite: moderate-intensely magnetic, high gravity response |
| | | - | not on map |

Magnetic values of stratigraphy:

| | |
|---|---|
| 0-250 nT | weakly magnetic |
| 250-500 nT | moderately magnetic |
| 500-750 nT | highly magnetic |
| >750 nT | intensely magnetic |

## GEOLOGICAL SYMBOLS

- Geological boundary
- Fault showing relative displacement
- Fault showing relative displacement: down, up (D / U)
- Deeply buried source
- Fold axis: anticline, syncline
- Axial trace of fold
- Dyke
- Magnetic trend
- Radiometric trend
- Joint
- Shear zone
- Dolerite
- Magnetic metamorphic aureole
- Palaeochannel
- 1843 ± 23 Ma — Radiometric age determination in million years, U/Pb SHRIMP
- A / B — Unit A overlies unit B