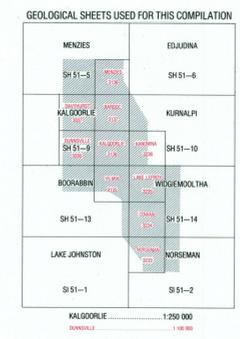


**GEOLOGY OF THE ARCHAEOAN KALGOORLIE TERRANE
NORTHERN SHEET**

SCALE 1:250 000
METRES KILOMETRES
TRANSVERSE MERCATOR PROJECTION
Grid lines indicate 20 000 metre interval of the Australian Map Grid Zone 51

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- PROTEROZOIC**
- Mafic dyke
 - positive magnetic anomaly
 - negative magnetic anomaly
 - Granitoid, unfoliated, including porphyry
 - Monzogranite and granodiorite; undeformed stocks (late-D₁)
 - Monzogranite; foliated, particularly along margins (post-D₁ to syn-D₂)
 - Foliated monzogranite, granodiorite, and gneissic granitoid (pre-D₁ to syn-D₂)
 - Granitoid gneiss
 - Greenstones: volcanic and sedimentary rocks and intrusive sills; metamorphosed to greenschist or amphibolite grade
 - Polymictic conglomerate and pebbly sandstone
- ARCHAEOAN**
- Gabbro and dolerite; layered mafic and ultramafic intrusions
 - Sedimentary rock, predominantly felsic; volcanoclastic siltstone, sandstone and conglomerate, minor shale, chert, and felsic volcanics
 - Felsic volcanic rock; includes subvolcanic porphyry, and minor sedimentary rock
 - Banded iron-formation
 - Basalt, dolerite and gabbro; minor ultramafic rock, sedimentary rock, and felsic schist
 - Basalt and komatiite; minor mafic sills
- Widely recognized stratigraphic sequence**
- Basalt, high Mg (volcanic-textured) and tholeiitic; minor komatiite, dolerite, and sedimentary rock
 - Komatiite; minor basalt, dolerite, and sedimentary rock
 - Basalt, tholeiitic and high-Mg; minor komatiite, dolerite, and sedimentary rock

- SYMBOLS**
- geological boundary
 - geological boundary, interpreted from aeromagnetics
 - fault or shear
 - reverse fault
 - D₁ thrust fault
 - sheared rock
 - fold trace, generation unknown
 - D₁ fold and fault structures
 - D₂ fold trace
 - sheared D₂ fold trace
 - D₃ fold trace
 - D₃ en-echelon fold trace
 - anticline, showing plunge; overturned
 - syncline, showing plunge; overturned
 - unconformity
 - younging direction
 - mine, abandoned mine; Au-gold, Ni-nickel, Cu-copper
 - highway
 - rail
 - track
 - main road
 - Cartline
 - arteficial, landing ground
 - lake permanent, ephemeral
 - watercourse, intermittent

