

GEOLOGY OF THE HENTY RIVER-WILLIAMSFORD AREA

(PRELIMINARY EDITION) K. D. CORBETT 1984

SCALE 1:25000

QUATERNARY

- Alluvium
- Pleistocene moraine

CARBONIFEROUS-JURASSIC

- Permo-Carboniferous beds and Jurassic dolerite

SILURO-DEVONIAN

- Eldon Group undifferentiated

ORDOVICIAN

- Gordon Limestone (under superficial cover in most areas)

LATE CAMBRIAN-EARLY ORDOVICIAN

- Owen Conglomerate and correlates including upper sandstone unit, lower Newton Creek Sandstone Member, basal volcaniclastic conglomerate.

CAMBRIAN SEQUENCES

NORTH OF HENTY FAULT ZONE

DUNDAS GROUP - "ROSEBERRY GROUP"

- Conglomerate
- Quartzwacke-siltstone-mudstone sequences
- Dolomite-siltstone-sandstone
- Felsic volcanics, including quartz-feldspar porphyry
- Undifferentiated greywacke-quartz-conglomerate-tuff sequences

- Secondary carbonate and/or chert bodies
- Gabbro

HOWARDS ROAD VOLCANO-SEDIMENTARY SEQUENCE

- Felsic tuff and agglomerate, with minor siltstone
- Felsic lava, quartz-feldspar-phyric
- Greywacke, siltstone, minor tuff
- Undifferentiated

CENTRAL VOLCANIC SEQUENCE

- Felsic intrusives with possible lavas
- Felsic lavas, mainly feldspar-phyric
- Felsic pyroclastics, mainly feldspar-phyric
- Bedded shale-sandstone-tuff units
- Bedded tuff-agglomerate units
- Quartz-phyric tuff, agglomerate
- Mafic dykes
- Undifferentiated

BETWEEN NORTH AND SOUTH HENTY FAULTS

- Greywacke, mudstone, with minor conglomerate(c)
- Felsic tuff
- Andesitic volcanics-pyroclastics, lavas
- Basaltic to intermediate volcanics-lavas, pyroclastics
- Quartzwacke-siltstone sequence west of Zeehan Highway
- Gabbro
- Serpentine and ultramafic rocks

SOUTH AND EAST OF HENTY FAULT ZONE

TYNDALL GROUP

- Lavas-quartz-feldspar-phyric
- Pyroclastics-quartz-feldspar-phyric
- Undifferentiated-includes volcaniclastic conglomerate

CENTRAL VOLCANIC SEQUENCE

- Felsic lavas, dominantly feldspar-phyric
- Felsic pyroclastics
- Siltstone-sandstone-minor tuff lenses
- Andesitic volcanics-lavas, intrusives, pyroclastics
- Quartz-feldspar porphyry

BRADSHAW'S ROAD VOLCANO-SEDIMENTARY SEQUENCE

- Vitric tuff, vitric-crystal tuff, siltstone, sandstone
- Dominantly siltstone and greywacke
- Felsic porphyry intrusives

- Geological boundary-approximate, inferred, concealed.
- Fault - approximate, inferred.
- Bedding - facing unknown, facing known, vertical, overturned.
- Layering in igneous rock - dipping, vertical
- Cleavage - dipping, vertical.
- Road or major 4-wheel drive track
- Other track
- Prospect
- Fossil locality

