

# GEOLOGY OF THE HENTY RIVER-WILLIAMSFORD AREA

(PRELIMINARY EDITION) K. D. CORBETT 1984  
SCALE 1:25000

- QUATERNARY
  - Oal Alluvium
  - Opm Pleistocene moraine
- CARBONIFEROUS-JURASSIC
  - P-J Permo-Carboniferous beds and Jurassic dolerite
- SILURO-DEVONIAN
  - S-D Eldon Group undifferentiated
- ORDOVICIAN
  - Ogl Gordon Limestone (under superficial cover in most areas)
- LATE CAMBRIAN-EARLY ORDOVICIAN
  - Oc, Ocs Owen Conglomerate and correlates including upper sandstone unit, lower Newton Creek Sandstone Member, basal volcanoclastic conglomerate.

## CAMBRIAN SEQUENCES

### NORTH OF HENTY FAULT ZONE

#### DUNDAS GROUP "ROSEBERY GROUP"

- DRc Conglomerate
- DRq Quartzwacke-siltstone-mudstone sequences
- DRd Dolomite-siltstone-sandstone
- DRv Felsic volcanics, including quartz-feldspar porphyry
- DRu Undifferentiated greywacke-mudstone-conglomerate-tuff sequences
- CC Secondary carbonate and/or chert bodies
- Eg Gabbro

### BETWEEN NORTH AND SOUTH HENTY FAULTS

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

### SOUTH AND EAST OF HENTY FAULT ZONE

- TyNDALL GROUP
  - Tgl Lavas-quartz-feldspar-phyric
  - TGp Pyroclastics-quartz-feldspar-phyric
  - TGv Undifferentiated-includes volcanoclastic conglomerate

#### CENTRAL VOLCANIC SEQUENCE

- CVi Felsic intrusives with possible lavas
- CVf Felsic lavas, mainly feldspar-phyric
- CVp Felsic pyroclastics, mainly feldspar-phyric
- CVs Bedded shale-sandstone-tuff units
- CVt Bedded tuff-agglomerate units
- CVq Quartz-phyric tuff, agglomerate
- CVd Mafic dykes
- CVu Undifferentiated

#### BRADSHAW'S ROAD VOLCANO-SEDIMENTARY SEQUENCE

- BRi Vitric tuff, vitric-crystal tuff, siltstone, sandstone
- BRs Dominantly siltstone and greywacke
- BRf 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.
- Foldaxis-syncline, anticline
- Road or major 4-wheel drive track
- Other track
- Prospect
- Fossil locality

