



GEOLOGY OF THE LAKE DORA — LAKE BEATRICE REGION

0 1 Km
SCALE 1:25 000
P. W. Baillie

LEGEND

- QUATERNARY Glacial, periglacial, fluvio-glacial deposits.
- JURASSIC Dolerite.
- PERMIAN — UPPER CARBONIFEROUS Glacial and glaciomarine deposits.
- ORDOVICIAN Peritidal carbonate sequence (Gordon Group).
- LOWER ORDOVICIAN — UPPER CAMBRIAN Siliclastic conglomerate and sandstone sequences (Owen Conglomerate).
- UPPER — MIDDLE CAMBRIAN Dominantly coarse volcanoclastic conglomerate (Dora Conglomerate); Dominantly quartz-feldspar porphyry (intrusive and extrusive). Tyndall Group.
- UPPER — MIDDLE CAMBRIAN Siliclastic sequence (Sticht Range Formation).
- CAMBRIAN Rhyolite.
- CAMBRIAN Quartz-feldspar porphyry.
- CAMBRIAN Mixed felsic extrusives and minor sedimentary sequences.
- UPPER PRECAMBRIAN Quartzose metasedimentary sequences.

- CONTOUR INTERVAL 100 METRES
- Geological boundary — position approximate
- Geological boundary — inferred.
- Fault — position approximate
- Fault — inferred and concealed
- Strike and dip of bedding — facing known; facing unknown; vertical.
- Strike and dip of dominant cleavage; vertical.

RESPONSIBILITY DIAGRAM

1. Original mapping by Corbett (1982). Remapped by the author at 1:5000, 1:10000 and 1:15000 (1980-1985).
2. Reconnaissance mapping by Dr K. D. Corbett and the author.
3. Compiled from Corbett and Jackson (1987).