

CAMBRIAN

The sequence can be subdivided into:

- a) acid to intermediate lavas and intrusives with overlying epiclastics which grade upward into siltstone and greywackes.
- b) sequence of rhyolitic volcanics and Precambrian derived clastics which outcrop on the flanks of Gog Range.

Rhyolitic - gabbroic intrusives and lavas

This lobe shaped body 5 x 2 km is located in the western part of the mapped area, exposed in a forestry clear felled area (see Photo 4). The dominant rock type is a quartz feldspar hornblend porphyry of rholitic-andesitic composition which in thin section is described as an intrusive (see Appendix 2, No. 6471, 73) but from field evidence is interpreted to be partially extrusive.

Apparently intruding this porphyry are medium grained quartz diorites (tonalites) which in places tend to be gabbroic. Siliceous alteration with anomalous gold and silver lead may be associated with these intrusives.

Pyroclastic products from the volcanic centre are minimal, only a thin veneer of epiclastics being associated with the complex within the mapping area.