

LEGEND

- JURASSIC AND LATER**
- 9 Granite and related rocks
- TRIASSIC**
- 8 SLOCAN GROUP
Mainly argillaceous sediments
- CARBONIFEROUS (?) AND PERMIAN**
- 7 CACHE CREEK GROUP
Sedimentary and volcanic rocks
- WINDERMERE (?) OR EARLY PALÆOZOIC**
- 6 LARDEAU SERIES
Sedimentary rocks
- WINDERMERE (?) OR CAMBRIAN**
- 5 BADSHOT FORMATION: Limestone and marble
- WINDERMERE OR (?) CAMBRIAN**
- 4 HAMILL SERIES
Sedimentary rocks
- PRE-WINDERMERE-SHUSWAP SERIES**
- 2 MOUNT IDA GROUP
Metamorphosed sedimentary and volcanic rocks
- PRE-PERMIAN**
- 3 CHAPPERON GROUP
Mainly chlorite and mica schist
- ARCHÆAN OR LATER**
- 1 MONASHEE GROUP
1. Mainly gneiss (high metamorphic grade)
1A. Phyllite, etc. (low metamorphic grade)

- Fault
- Lardeau syncline axis
- Unconformity
- Fossil locality
- Fold axes trend in Shuswap Series
- Older deformation
- Younger deformation
- Tectonic trend in other rock groups:
- (Mainly strikes of bedding, trends of formations and fold axes)
- Shear-sense of drag-folds:
- Sense in small area
- General sense in large area
- Boundary for field containing single direction of general shear-sense
- Mineral occurrence that indicates metamorphic grade: garnet, kyanite, sillimanite, staurolite

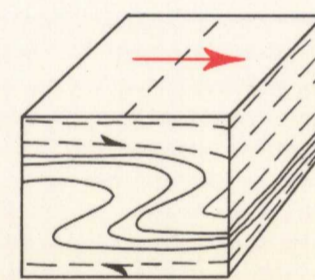


Diagram illustrating shear-sense symbol

Geology by H.M.A. Rice 1945, 1946 and by A. G. Jones, 1947-1951
To accompany G.S.C. Memoir 296 by A. G. Jones

Main highway

Other roads

Cartography by the Geological Survey of Canada, 1959

Base-map compiled by Topographical Survey

Approximate magnetic declination 23°21'

Air photographs covering this map-area may be obtained
through the National Air Photographic Library,
Topographical Survey, Ottawa, Ontario

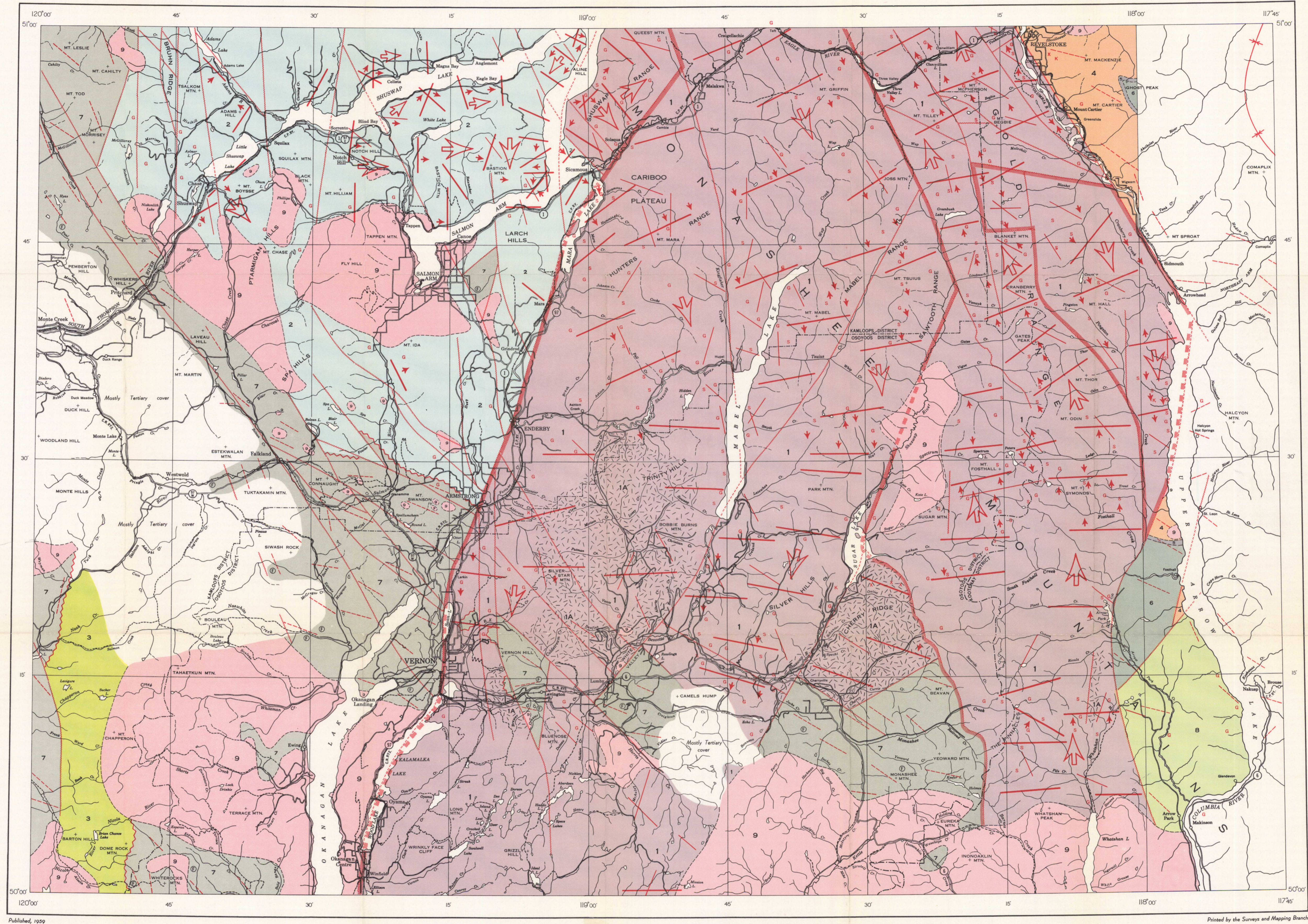
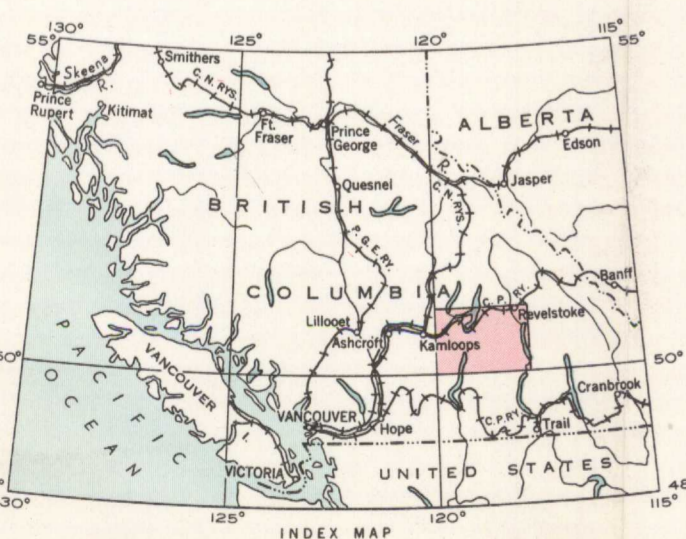


Figure 2. Tectonic map of Vernon map-area, British Columbia, showing also distribution of Shuswap rocks and thin contact relations with younger rocks.

Scale: One inch to Four Miles = $\frac{1}{253,440}$

Miles 0 2 4 8 12

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