

LEGEND

NOTE: Map units 2, 3, 4a-k and 14 appear on Map 1211A, "Baddeck" only

- CARBONIFEROUS**
- PENNSYLVANIAN**
- PICTOU GROUP**
- 14 Sandstone, grit, conglomerate, minor limestone
- MISSISSIPPIAN AND PENNSYLVANIAN (PROBABLY ONLY MISSISSIPPIAN IN BADDECK MAP-AREA)**
- 13 **MABOU FORMATION:** red and grey siltstone, sandstone, shale, minor limestone
- MISSISSIPPIAN**
- WINDSOR GROUP**
- 12 Red siltstone, mudstone, sandstone, conglomerate, limestone, gypsum, anhydrite
- MARGINAL FACIES OF HORTON GROUP AND/OR WINDSOR GROUP**
- 11 Red sandstone, conglomerate, siltstone
- HORTON GROUP (8-10)**
- STRAITHLONE - ANSLIE FORMATION:** Undivided; 9b, Anslie Member: red and grey siltstone, sandstone, conglomerate; 9a, Strathlone Member: grey siltstone, sandstone, shale, minor conglomerate and limestone
- 10 **HORTON GROUP (Undivided)** Mainly Craignish Formation in Baddeck map-area
- 8 **CRAIGNISH FORMATION:** grey arkosic sandstone, conglomerate, red siltstone, sandstone, conglomerate, some grey sandstone and siltstone
- 7 Andesite, conglomerate, sandstone (includes minor rhyolitic rocks in "Baddeck" map-area)
- DEVONIAN AND/OR EARLIER (POST-LOWERMOST ORDOVICIAN PRE-MIDDLE DEVONIAN)**
- 6 Quartz monzonite and granodiorite with numerous inclusions of 1, composite gneiss contaminated granitic rocks; 6a, includes diorite
- 5 Quartz monzonite, granodiorite, minor granite and monzonite, minor inclusions of 1
- 4 4a, granodiorite; 4b, quartz diorite; 4c, diorite; 4d, biotite gneiss; 4e, hornblende gneiss; 4f, quartz monzonite; 4g, gabbro; 4h, composite gneiss; 4i, inclusions of 1; 4k, amphibolite
- CAMBRIAN**
- MIDDLE CAMBRIAN**
- 3 Sandstone, siltstone shale, breccia, amygdaloidal basalt and andesite
- PRECAMBRIAN**
- 2 Intermediate to acidic volcanic rocks, minor metasedimentary rocks
- GEORGE RIVER GROUP**
- 1 Quartz-feldspathic and micaceous quartz-schists and quartz-gneiss; limestone, quartzite, minor volcanic rocks and greywacke

- Heavily drift covered area
- Rock outcrop, area of outcrop
- Limestone or dolomite outcrop
- Gypsum outcrop
- Geological boundary (defined, approximate, assumed)
- Bedding, tops known (horizontal, inclined, overturned)
- Bedding indicating limestone or dolomite
- Bedding, tops unknown (inclined, vertical)
- Bedding indicating limestone or dolomite
- Schistosity (inclined, vertical, dip unknown)
- Gneissosity (inclined, vertical)
- Fault (defined, approximate, assumed)
- Syncline (approximate)
- Fossil locality
- Quarry
- Adit
- Sink hole
- Salt spring

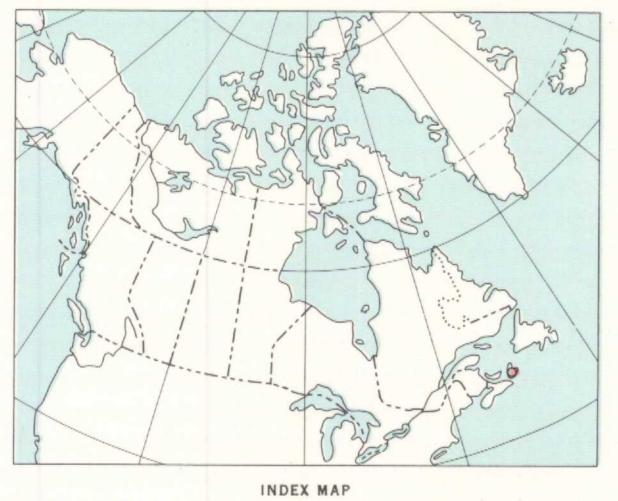
MINERALS

Barite	..... Ba	Iron	..... Fe
Copper	..... Cu	Limestone	..... ls
Dolomite	..... dol	Manganese	..... Mn
Gypsum	..... gyp		

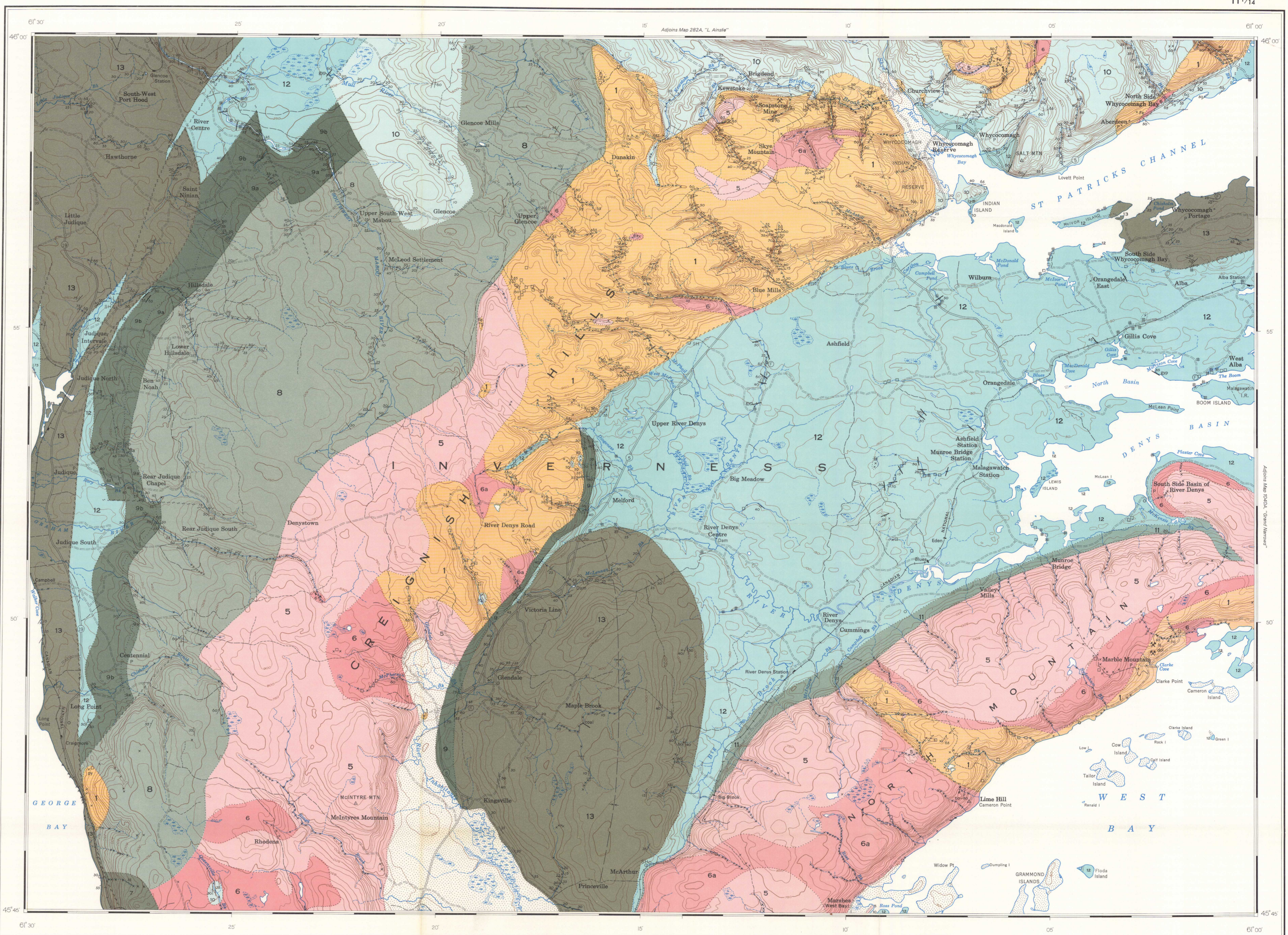
Geology by D. G. Kelley, 1955-1956
 To accompany GSC Memoir 351 by D. G. Kelley
 Geological cartography by the Geological Survey of Canada, 1967

- Road, all weather
- Other roads
- Cart track
- Trail
- Railway station, stop
- Post Office
- Horizontal control point
- Observation monument
- Indian reserve boundary
- Intermittent stream
- Foreshore flats
- Marsh
- Wharf
- Contours (interval 50 feet)
- Height in feet above mean sea-level

Base-map compiled and drawn by the Surveys and Mapping Branch, 1953 with revisions by the Geological Survey of Canada, 1967
 Approximate magnetic declination 1967, 25°12' West, decreasing 1.7' annually

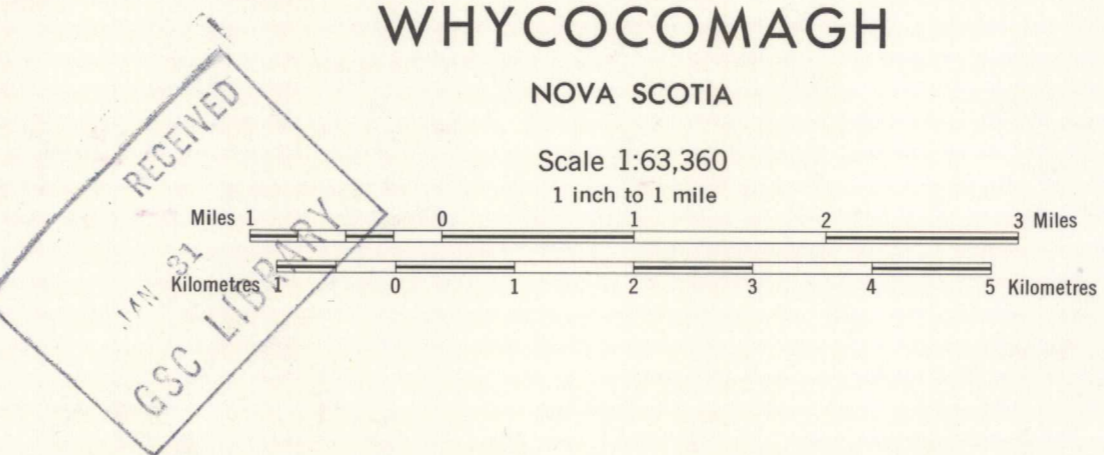


GEOLOGICAL SURVEY OF CANADA
 DEPARTMENT OF ENERGY, MINES AND RESOURCES



MAP 1212A
 GEOLOGY
WHYCOMOGAGH
 NOVA SCOTIA

Scale 1:63,360
 1 inch to 1 mile



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