GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

11 K/2

LEGEND

NOTE: Map-unit 6a appears on Map 1212A, "Whycocomagh" 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*

HORTON GROUP (B-10)

9 — *STRATHLORNE - AINSLIE FORMATION: Undivided; 9b, Ainslie Member: red and grey siltstone, sandstone, conglomerate; 9a, Strathlorne Member: grey siltstone, sandstone, shale; minor conglomerate and limestone*

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)*

PALAEOZOIC

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 — *Quartzo-feldspathic and micaceous quartz schists and quartz-gneisses limestone, quartzite, minor volcanic rocks and greywacke*

MARGINAL FACIES OF HORTON GROUP AND/OR WINDSOR GROUP

11 — *Red sandstone, conglomerate, siltstone*

HORTON GROUP (Undivided)

10 — *Mainly Craignish Formation in Baddeck map-area*

Heavily drift-covered area
Rock outcrop, area of outcrop
Limestone or dolomite outcrop
Gypsum outcrop
Geological boundary (defined, approximate, assumed)
Bedding, tops known (inclined, vertical, overturned)
Bedding indicating limestone or dolomite
Bedding, tops unknown (inclined)
Bedding indicating limestone or dolomite
Schistosity (inclined, vertical, dip unknown)
Gneissosity (inclined, vertical)
Plunge of minor fold
Fault (defined, approximate, assumed)
Fossil locality (F)
Sink hole SH

Geology by D. G. Kelley, 1952-1954

To accompany G S C Memoir 351 by D. G. Kelley

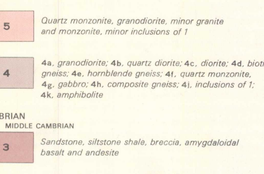
Geological cartography by the Geological Survey of Canada, 1967

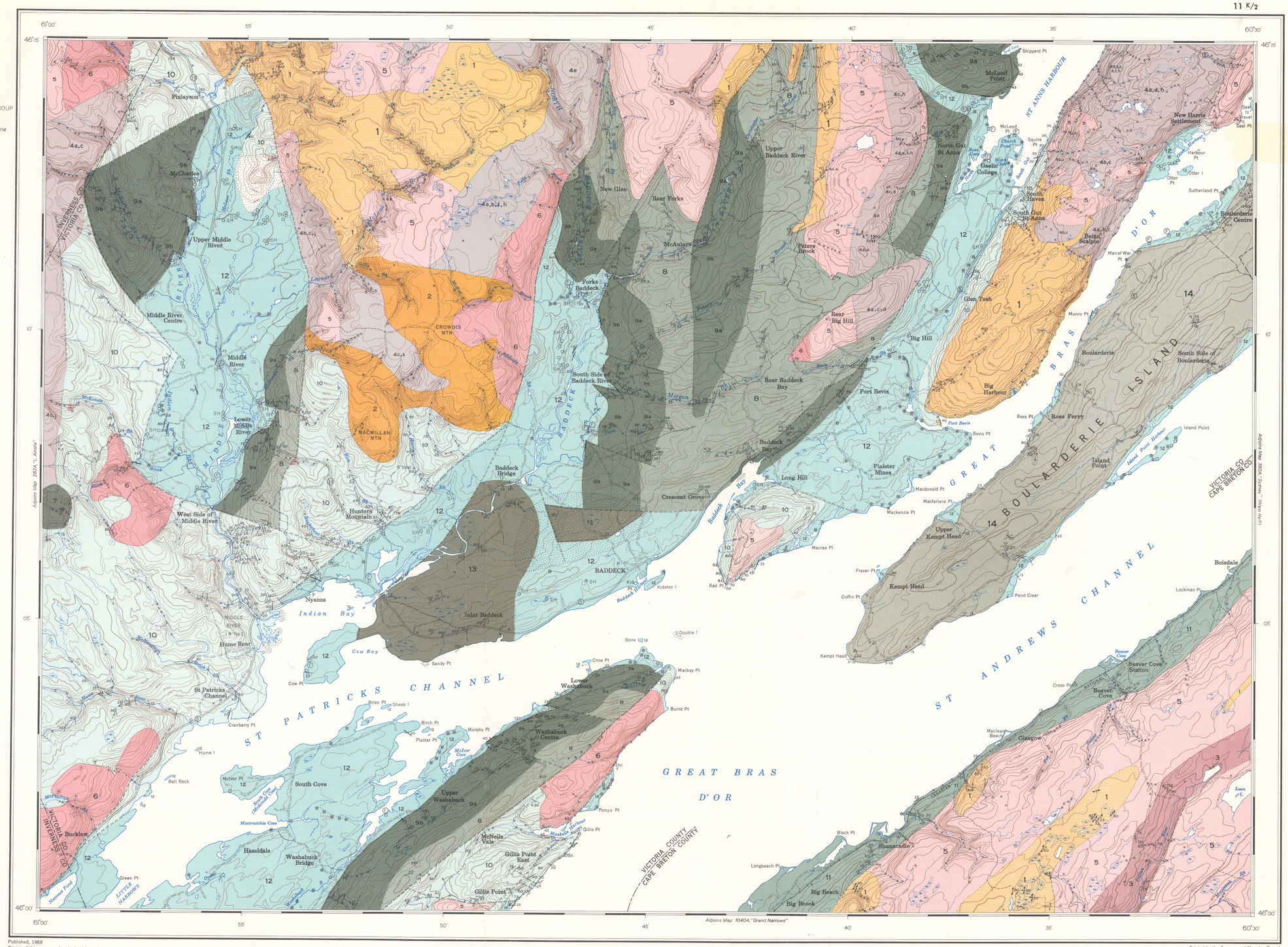
Road, all weather Route (5)
Other roads
Cart track
Trail
Railway, station, stop
Post Office P
Lighthouse
Horizontal control point
Observation monument
County boundary
Indian reserve boundary
Intermittent stream
Foreshore flats
Marsh
Wharf
Contours (interval 50 feet)
Height in feet above mean sea-level 74

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°31' West, decreasing 1.8' annually

INDEX MAP





Published, 1968
Copies of this map may be obtained from the Director, Geological Survey of Canada, Ottawa

Printed by the Surveys and Mapping Branch

MAP 1211A

GEOLOGY

BADDECK

NOVA SCOTIA

Scale 1:63,360
1 inch to 1 mile

Miles 1 0 1 2 3 Miles
Kilometres 1 0 1 2 3 4 5 Kilometres