

LEGEND

Note: This legend is common to Maps 1330A, 1331A and 1332A

PENNSYLVANIAN

15 CLIFTON FORMATION: grey to brown mudstone, shale, siltstone, sandstone, quartz-pebble conglomerate

14 BATHURST FORMATION: red sandstone, shale, grit, quartz-pebble conglomerate

DEVONIAN

MIDDLE DEVONIAN
13 Bathurst granite batholith:
13a, Nerepis Brook granite porphyry;
13c, Nicholas Dénys granodiorite stock

MIDDLE DEVONIAN OR OLDER
12 Basic and ultrabasic rocks: 12a, diabase, diorite, gabbro;
12b, serpentized peridotite

LOWER DEVONIAN
DALHOUSIE GROUP (9-11)

11 Upper Unit: greenish grey limy quartz greywacke, siltstone, shale, limestone, minor basalt, andesite

10 Middle Unit: 10a, greenish grey basalt, andesite, minor trachyte, rhyolite, agglomerate, conglomerate; 10b, pink, buff and red trachyte, rhyolite, agglomerate, minor conglomerate, shale

9 Lower Unit: grey and greenish grey limy shale, slate, siltstone, greywacke, limestone, minor basalt

SILURIAN OR DEVONIAN

8 Greenish grey and reddish grey sericitic quartz greywacke and phyllite

SILURIAN

MIDDLE AND UPPER SILURIAN
CHAULEURS BAY GROUP (4-7)

7 Volcanic Unit: 7a, red rhyolite and trachyte flows and tufts, felspar and quartz-feldspar porphyry, green and red andesite and basalt; 7b, red conglomerate, greywacke, siltstone, shale; minor rhyolite and basalt flows and tufts; 7c, red and greenish grey basalt and andesite; red rhyolite and trachyte flows and tufts, red conglomerate

6 Limy sedimentary Unit: 6a, greenish grey and red limy shale, shaly quartz greywacke, shaly limestone, grit, basalt; 6b, red and grey limy greywacke, siltstone, shale, shaly limestone, shale, conglomerate, andesite

5 Conglomerate Unit: green, grey and red volcanic conglomerate, greywacke, slate

4 Greywacke Unit: 4a, greenish grey limy greywacke, slate, limestone, chert, hornfels; 4b, green and red greywacke, slate, conglomerate, limestone; basalt, rhyolite

ORDOVICIAN

MIDDLE ORDOVICIAN
TETAGOUCHE GROUP (1-3) (units have no stratigraphic significance)

3a Rhyolitic Unit: 3a, light to dark grey and greenish grey rhyolite tuff, rhyolite, quartz-sericite schist, trachyte, rhyolite crystal tuff (mainly quartz-feldspar augen schist), phyllite, greenstone; 3b, light to dark grey and greenish grey rhyolite crystal tuff (mainly quartz-feldspar, quartz and felspar augen schist), rhyolite tuff, quartz-sericite schist, phyllite, rhyolite, greenstone, granophyre

2 Metabasalt Unit: greyish green, massive, schistose and grey laminated (tuff?) greenstone, greenish grey spilite, dark slate, iron-formation, chlorite schist, trachyte, rhyolite tuff; 2a, iron-formation

1 Sedimentary Unit: dark grey to greenish grey slate, phyllite, quartz greywacke, siltstone, quartzite, red and green cherty argillite and slate, graphitic slate and schist, greenstone; minor limestone, arkosic grit, conglomerate, rhyolite crystal tuff

Drift covered area

Rock outcrop

Geological boundary (defined, approximate, assumed)

Bedding, tops known (horizontal, inclined, vertical, overturned)

Bedding, tops unknown (inclined, vertical, dip unknown)

Pillows, tops known (inclined, overturned, dip unknown)

Cleavage, schistosity (inclined, vertical, dip unknown)

Lination axes of minor folds (plunge known)

Lination axes of minor folds (drag direction shown)

Linsament from air photograph

Fault (defined, approximate, assumed)

Anticline (defined, approximate)

Syncline (defined, approximate)

Anticline or syncline (arrow indicates plunge)

Glacial striae (direction of ice movement known, unknown)

Stoss-and-lee form (direction of ice movement known)

Esker

Fossil locality

Granite quarry

Mine

Mineral prospect or occurrence

Adit

Rock type symbols:
A, agglomerate; c, conglomerate; V, basic volcanic; T, basic tuff;
L, trachyte; ls, limestone; P, rhyolite crystal tuff; S, sedimentary rock;
R, rhyolite; D, diabase or gabbro; p, peridotite

MINERALS

Antimony	Sb	Lead	Pb
Arsenic	As	Manganese	Mn
Copper	Cu	Molybdenum	Mo
Gold	Au	Silver	Ag
Iron	Fe	Zinc	Zn

Geology by R. Skinner, 1949, 1950; J. D. McAlary, 1950; C.H. Stockwell, 1955-1957; R.W. Boyle and J.L. Davies, 1959-1961; A.L. McAllister and J.C. Smith, 1955, 1956; W.M. Tupper, 1963

Geology compiled by Ralph Skinner

To accompany GSC Memoir 371 by Ralph Skinner

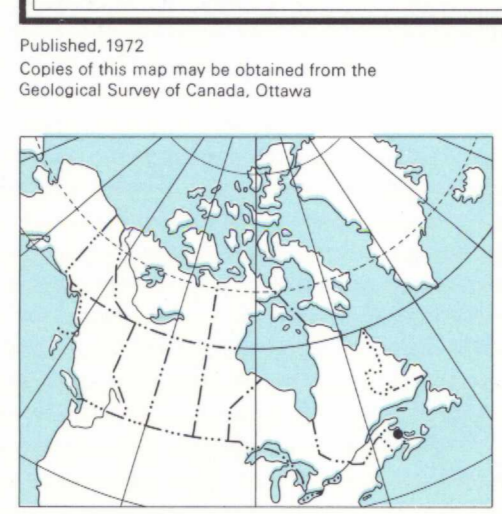
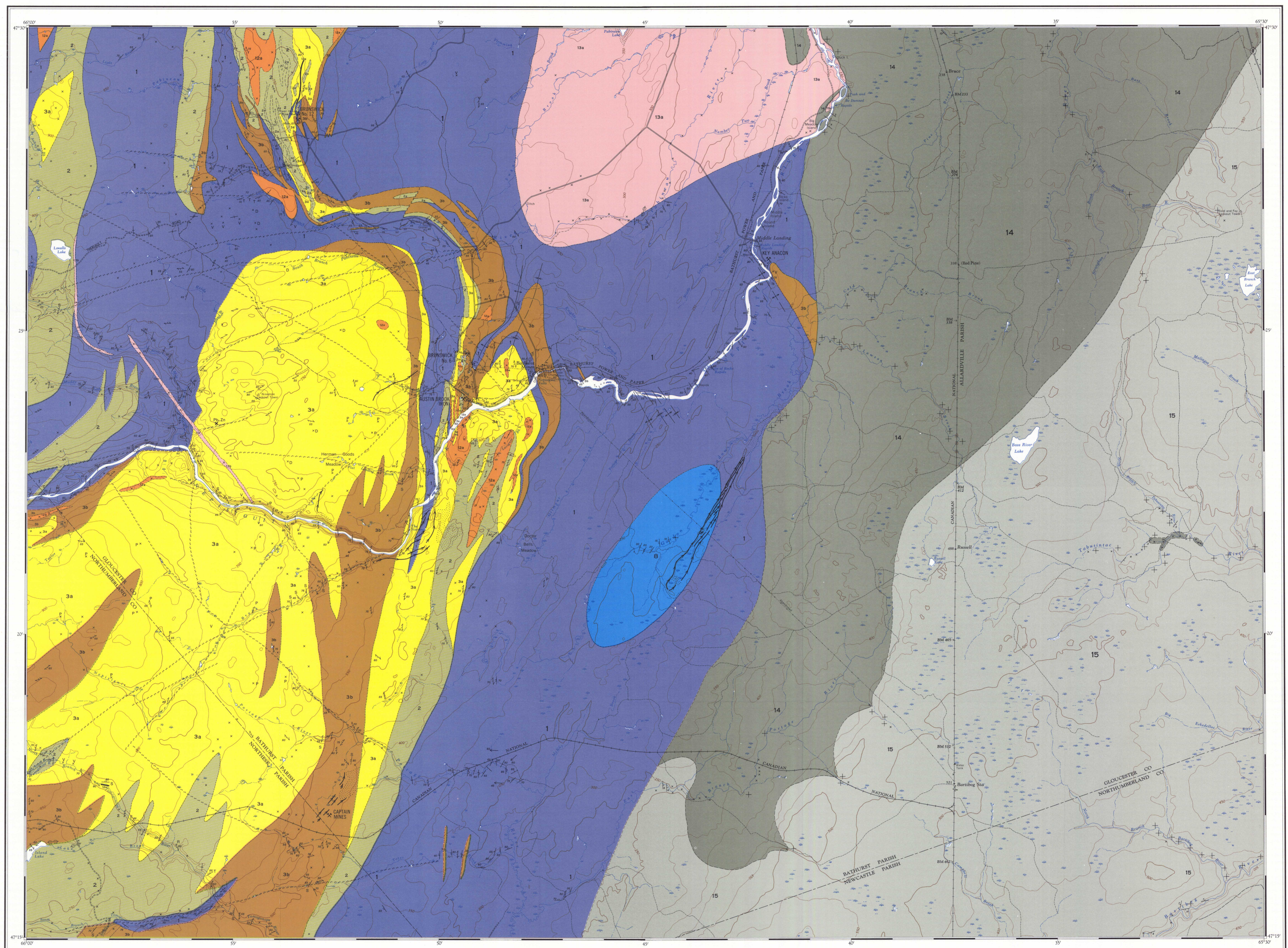
Geological cartography by the Geological Survey of Canada

Base map at the same scale published by the Surveys and Mapping Branch in 1956

Copies of the topographical edition of this map may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa

Approximate magnetic declination 1971, 22°57' West, decreasing 2.8 annually

Elevations in feet above mean sea-level



MAP 1332 A
GEOLOGY
NEPISIGUIT FALLS
NEW BRUNSWICK
Scale 1:50,000

Miles 0 1 2
Metres 1000 0 1000 2000 3000



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1330A	1331A	
2108	21P5	21P6
1341A	1332A	
1220A	1092A	21P3

NATIONAL TOPOGRAPHIC SYSTEM REFERENCES AND INDEX TO GEOLOGICAL SURVEY OF CANADA MAPS
NEPISIGUIT FALLS
NEW BRUNSWICK
1332A