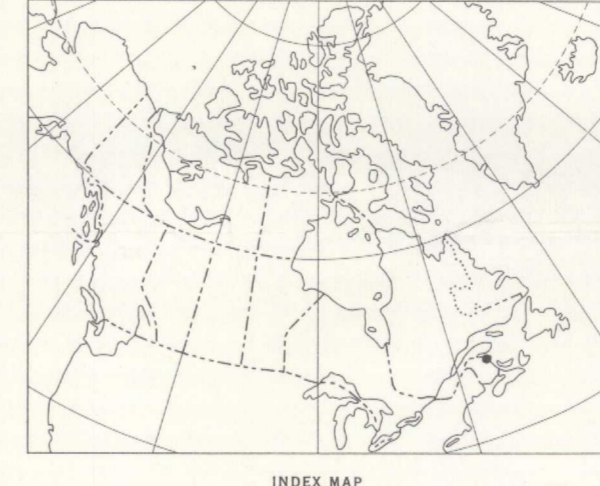


Roads, all weather
 Other roads
 Cart track
 Trail or path
 Railway
 Station and stop
 Post Office
 Light house
 Power transmission line
 Horizontal control point
 Survey monument
 County or district
 Township or parish
 Saline reserve
 Intermittent stream
 Approximate stream
 Rapids, falls
 Foreshore, tidal flats
 Reef, rock or small island
 Marsh
 Wharf or pier
 Dam
 Contours (interval 50 feet)
 Sand or gravel
 Height in feet above mean sea-level
 Base-map compiled and drawn by the Survey and Mapping Branch, 1954, 1955
 Approximate magnetic declination, 24° 03' West, decreasing 1.7" annually



LEGEND

- PLEISTOCENE AND RECENT**
 Extensive drift-covered areas; muskeg, silt, till, gravel, alluvium
- CARBONIFEROUS (?) OR TRIASSIC (?)**
 14 BONAVENTURE FORMATION: reddish and greenish conglomerates, arkosic sandstone and siltstone, shale, limestone
- CARBONIFEROUS PENNSYLVANIAN**
 13 BATHURST FORMATION: red conglomerate and grit, red sandstone and shale; grey sandstone and shale, grey-green siltstone, minor olive-green and red shale
- DEVONIAN AND SILURIAN (?)**
 12 ACID INTRUSIVE ROCKS: granite, gneissic granite, quartz monzonite, granodiorite, and associated dykes and quartz-feldspar porphyries
 11 BASIC INTRUSIVE ROCKS: diabase, gabbro, diorite, serpentinitized peridotite
- LOWER DEVONIAN**
 10 BASIC VOLCANIC ROCKS: andesite and associated dykes and sills, andesite tuff, tuffite and agglomerate; minor shale and siltstone
 9 SEDIMENTARY ROCKS: shale, argillite, siltstone, mudstone, limestone and conglomerate; minor volcanic rocks
- SILURIAN**
 8 VOLCANIC ROCKS: rhyolite, rhyolite tuff, trachyte, dacite, andesite, basalt, agglomerate, flow breccia, porphyry; minor sedimentary rocks
 7 SEDIMENTARY ROCKS: argillite, rhyolite, siltstone, mudstone, sandstone, limestone, greywacke, and conglomerate. Shale and horstite in vicinity of granitic rocks
- ORDOVICIAN (?)**
 6 BASIC INTRUSIVE ROCKS: diabase, gabbro, diorite
 5 ELMTREE GROUP: rhyolite, andesite, argillite, greywacke, conglomerate, siliceous limestone. Basic volcanic flows and breccias in lower part. Shale and horstite in vicinity of granitic rocks
 4 SEDIMENTARY ROCKS: grey, black, green, and red siltstone and slate, greywacke; minor siliceous limestone and conglomerate
 3 BASIC VOLCANIC ROCKS: basalt, basaltic tuff, minor sedimentary rocks
 2 AGNES SCHIBER: quartz and quartz-feldspar spongy schist, quartz-sericite schist, quartz-chlorite-sericite schist; minor iron-formation and basic volcanic rocks
 1 ACID VOLCANIC ROCKS: rhyolite, trachyte, quartz and quartz-feldspar spongy schist, quartz-sericite schist; minor iron-formation and basic volcanic rocks

- Geological boundary (defined, approximate or assumed)
 Bedding, tops known (horizontal, inclined, overturned)
 Bedding, tops unknown (inclined, vertical)
 Schistosity, cleavage (inclined, vertical, dip unknown)
 Lamination (inclined)
 Fault (defined, approximate, assumed)
 Anticline (assumed)
 Syncline (assumed)
 Glacial striae (direction of ice-movement known, unknown)
 Eskers
 Fault locality
 Mineral occurrences (symbols indicate principal minerals)
 Mining properties (see index below)
 Metal and Mineral Symbols
 Arsenic As Silver Ag
 Antimony Sb Tungsten W
 Barium Ba Tin Sn
 Copper Cu Zinc Zn
 Gold Au Tellurium Te
 Lead Pb Magnetite Fe
 Manganese Mn Gossan (limonite, pyrite, etc.) G
 Molybdenum Mo
 Nickel Ni

- Note: An (f) after the symbol indicates that the mineralization was observed in float.
 A (f) after the symbol indicates that the location is approximate or uncertain.
- INDEX TO MINING PROPERTIES AND PROSPECTS**
 1. Anasoda Co. (Canada), Ltd.
 2. Great Northern Development Corp., Ltd.
 3. Tetagouche Exploration Co., Ltd. (Orval Brook)
 4. Anasoda Co. (Canada), Ltd. (Rocky Turn Group)
 5. Anasoda Co. (Canada), Ltd. (Armstrong 'A' deposit)
 6. Anasoda Co. (Canada), Ltd. (Armstrong 'B' deposit)
 7. Quebec Stearns River Mines, Ltd. (Hobby and Shaft deposits)
 8. Millstream iron deposit
 9. Borealized copper deposit
 10. Sigouin River Mines, Ltd.
 11. Koyat mine
 12. East Venereux, Ltd.
- SOURCES OF INFORMATION**
 Geological Survey of Canada: Memoirs 18-K, 18-L, and 227; Papers 53-59 and 55-57; Map 1-1957. See Brunswick Department of Lands and Mines (Mines Branch): Map-Area 24, P. M. 24-1, P. M. 24-2, P. M. 60-3, and P. M. 61-3 and personal communication from J. L. Davies
 To accompany GSC Paper 65-41 by R. W. Boyle et al.
 Compiled by M. Zaslavkin and R. W. Boyle, 1965
 Geological cartography by the Geological Survey of Canada, 1966

47°30' 45°00' 42°30' 40°00' 37°30' 35°00' 32°30' 30°00' 27°30' 25°00' 22°30' 20°00' 17°30' 15°00' 12°30' 10°00' 7°30' 5°00' 2°30' 0°00'

MAP 31-1965
 PAPER 65-42
 GEOLOGY
 BATHURST-JACQUET RIVER DISTRICT
 NEW BRUNSWICK
 Scale 1:63,360
 1 inch = 1 mile
 1 Kilometre = 0.621 Miles

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21035	21033	21035
21036	21033	21036

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