



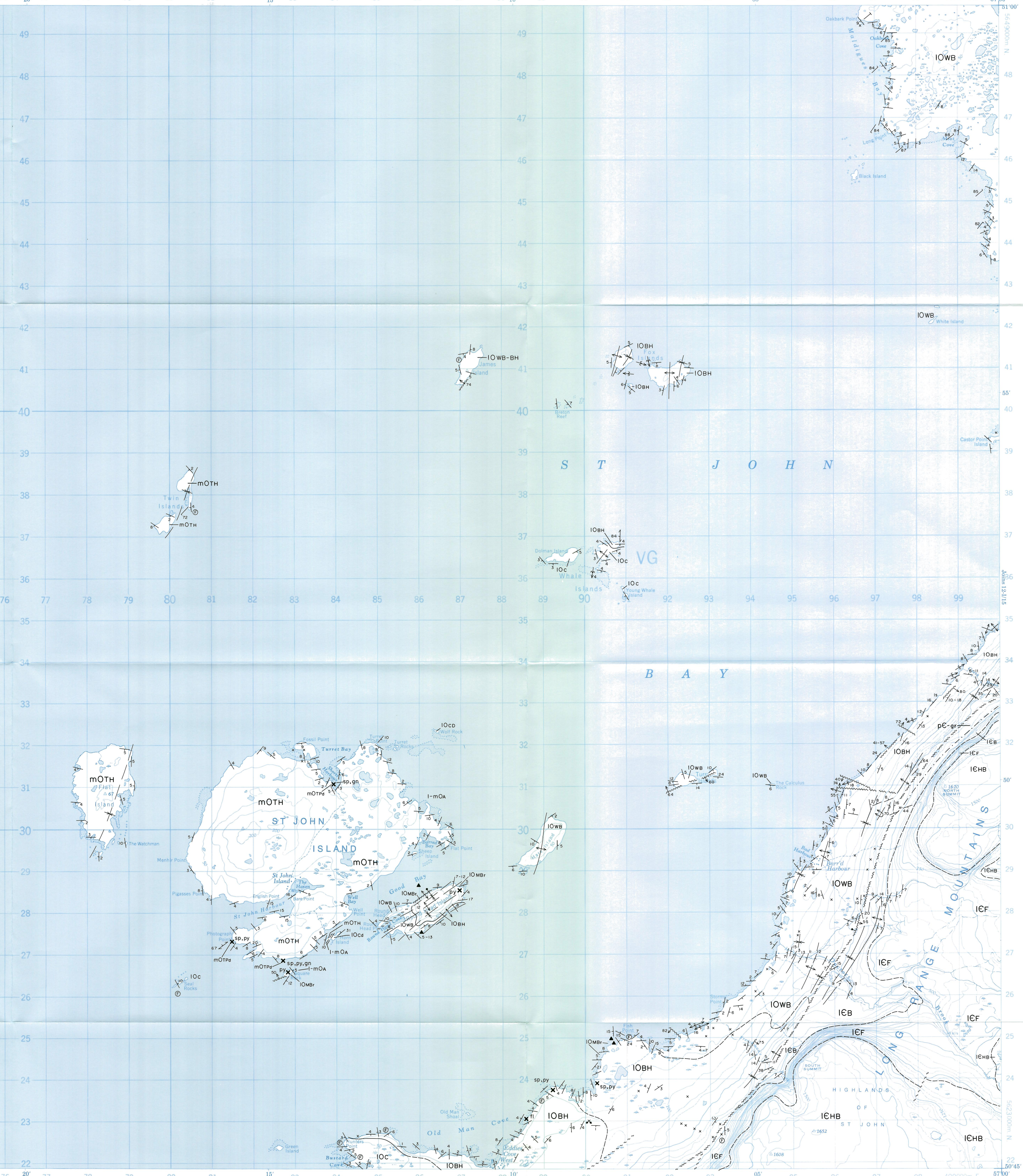
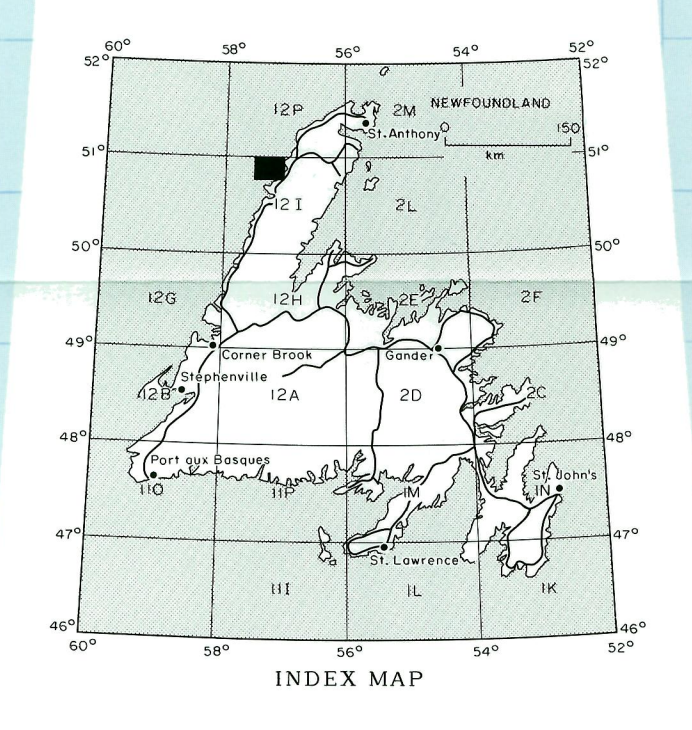
LEGEND
AUTOCHTHONOUS ROCKS

- MIDDLE ORDOVICIAN**
TABLE HEAD GROUP
- mOTp TABLE POINT FORMATION: undivided, well bedded, dark grey, fossiliferous limestone having characteristic dolomitic-argillaceous seams; Tpe dolomitized equivalents
- EARLY TO MIDDLE ORDOVICIAN**
ST. GEORGE GROUP
- I-mOa AGUATHUNA FORMATION: light-grey to grey dolostone having interbedded green-grey and grey shale; locally, bodies of matrix breccia
 - IOc CATOCHE FORMATION: well bedded, grey, fossiliferous and bioturbated limestone associated with characteristic dolomite mottling, locally, microbial mounds; ca diagenetic and epigenetic dolostone replacing Catoche limestone
 - IOBH BOAT HARBOUR FORMATION: interbedded, dark to light grey, dolomitic limestone and buff dolostone, microbial limestone; dolomitization common throughout; widely preserved chert and matrix breccia bodies especially at base (IOBm)
 - IOWB WATTS BIGHT FORMATION: dark grey to black, thick bedded, fine- to medium-crystalline dolostone characterized by light grey to cream mottling and large microbial mounds, chert, dolarenite, thin beds of buff weathering, microcrystalline dolostone, gastropods and cephalopods locally; rare beds of light grey microbial limestone
- MIDDLE TO LATE CAMBRIAN**
PORT AU PORT GROUP (not in map area)
- EARLY ? TO LATE EARLY CAMBRIAN**
LABRADOR GROUP
- ICHB HAWKE BAY FORMATION: white quartz arenite, rusty weathering, argillaceous sandstone, glauconitic and phosphatic sandstone, black calcareous mudstone-shale
 - ICF FORTEAU FORMATION: undivided limestone, shale and sandstone; Fa lower shale member-basal pink to grey, nodular to massive shaly limestone and dolomitic limestone overlain by grey to black, fossiliferous shale with minor thin limestone and capped by interbedded grey shale and bioturbated, fossiliferous, argillaceous limestone and fine sandstone; F1s upper limestone member-grey to red, archeocythid, reefal limestone and grainstone with some shale and sandstone, overlain by sandy limestone, oncoidal and fossiliferous, oolitic black limestone and some fossiliferous grey shale and sandstone
 - ICB BRADORE FORMATION: red arkosic sandstone and pebbly sandstone and grey and pinkish grey, micaceous sandstone and siltstone
- UNCONFORMITY**
- PC-gr Pink to red, micaceous, fine- to coarse-grained granite, locally with rafts of quartz-mica schist

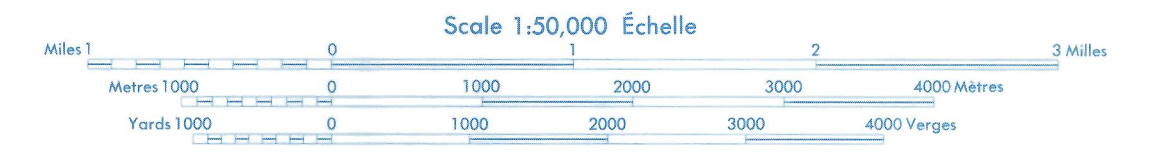
SYMBOLS

- Bedding (inclined, horizontal, vertical, overturned).....
- Bedding (tops unknown).....
- Cleavage.....
- Syncline, anticline, overturned.....
- Unconformity, discontinuity.....
- Formational boundary (defined, approximate, assumed).....
- Fault (defined approximate, assumed).....
- Fault (dip, downthrow).....
- Lineations from air photos.....
- Fossil.....
- Mineral showing.....
- Pyrite.....
- Sphalerite.....
- Galena.....
- Fluorite.....
- Outcrop (may be broken in place).....
- Areas of rubble outcrop.....
- Roadstone quarry.....

Geology by I. Knight, 1982, 1983 and 1984; W.D. Boyce and K. Austin, 1983.
This preliminary map may be subject to revision and correction.
Geological cartography by Geological Survey Branch, Department of Mines and Energy, Government of Newfoundland and Labrador.
Copies of this map may be obtained from the Publications and Information Section, Geological Survey Branch, Department of Mines and Energy, P.O. Box 8700, St. John's, Newfoundland, A1B 4J6.
Base map at same scale published by Surveys and Mapping Branch, Department of Energy, Mines and Resources.
Elevation in feet above sea level.
This project was financed under two Canada-Newfoundland Mineral Development Subsidiary Agreements, 1982-1983 and 1984-1989.



ST JOHN ISLAND
NEWFOUNDLAND



MAP 91-175

This Provisional Map is equivalent to a standard map in accuracy of content.
Some names on this map are not yet official. Corrections or additions are invited by the Survey and Mapping Branch.
CONTOUR INTERVAL, 50 FEET
(Elevations in Feet above Mean Sea Level)
North American Datum 1983
Transverse Mercator Projection

Published 1992

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