



S T R A I T

O F

B E L L E I S L E

LEGEND

AUTOCHTHONOUS ROCKS

ORDOVICIAN

TABLE HEAD GROUP (MIDDLE ORDOVICIAN)

Table Point Formation:

TP-1 - Basal cyclic dark gray, argillaceous, nodular thin bedded limestone and laminated dolomitic limestone or dolostone, locally basal conglomerates of dolostone, chert and limestone lithoclasts;

TP-2 - light gray to white, dominantly fenestral limestone, locally includes spongerich limestone, brachiopod-crinoid corals and partied dolomite limestone;

TP-3 - dark gray, thickly bedded, fossiliferous limestone characterized by argillaceous seams, beds of grainstone locally.

ST. GEORGE GROUP (LOWER to MIDDLE ORDOVICIAN)

1-90A - Agathona Formation: light gray to gray dolostones with chert common, possibly interbedded with light gray crystalline limestone; variable in thickness and locally absent.

10C - Catoche Formation Undivided: 10C₁ - well bedded, burrowed and cryptalgal, fossiliferous, limestone, some very large algal mounds; limestone extensively replaced by secondary dolostone (10C₂);

10C₁ - basal member of burrowed, fossiliferous dark gray limestone with some mounds;

10C₂ - mound member of large crystalline sponge mounds with grainstones and minor burrowed limestone;

10C₃ - upper burrowed limestone member of thickly bedded, burrow mottled limestone, includes some grainy limestone and rare mounds;

10C₄ - white limestone member of peloidal grainstone, fenestral limestone, crystalline mounds; locally brecciated and penetrated deeply by dolostone-filled fractures and cavities below Agathona; apparently absent locally due to erosion.

10Bb - Boat Harbour Formation: interbedded, dark to light gray, dolomitic limestone and buff dolostone, crystalline limestone; dolomitization common throughout; widely preserved chert and matrix breccia bodies (10Bbr) especially at base.

10Wb - Watts Right Formation: dark gray to black, thick bedded fine to medium crystalline dolostone characterized by light gray to cream color mottling, and large crystalline mounds, chert, dolomite, thin beds of buff weathering, microcrystalline dolostone, gastropods and cephalopods locally.

CAMBRIAN

PORT AU PORT GROUP (MIDDLE to LATE CAMBRIAN)

Late Cambrian

USP3 - Petit Jardin Formation: yellow, buff to white weathering, light gray to white, white, microcrystalline to finely crystalline dolostone:

USP3.2 - middle stromatolite member; stromatolitic dolostone, some oolitic dolostone, intracrystalline dolomite, finely bedded dolostones;

USP3.3 - upper dolostone member - thickly and thinly bedded, light gray dolostone, some dark gray dolostone, minor oolitic dolostone, some shale interbeds;

USP3.4 - cherty dolostone member (to be called Berry Head Formation (USP3b)) - thickly bedded, massive, light gray to dark gray dolostone with chert common, stromatolitic dolostone common.

SYMBOLS

Bedding (inclined, horizontal)..... / +

Cleavage..... /

Syncline, anticline..... / +

Formational boundary (defined, approximate, assumed)..... / / /

Lineations from air photos..... / / /

Mineral showing..... X Sp, Ga, Sp

Pyrite..... Py

Galena..... Ga

Sphalerite..... Sp

Outcrop (may be broken in place)..... x

Areas of rubble outcrop..... x

Geology by I. Knight and J. Edwards, 1977, Knight, 1985.

Description of units given in Reports 77-6, 77-1, and 86-1 Newfoundland Department of Mines and Energy.

This preliminary map may be subject to revision and correction.

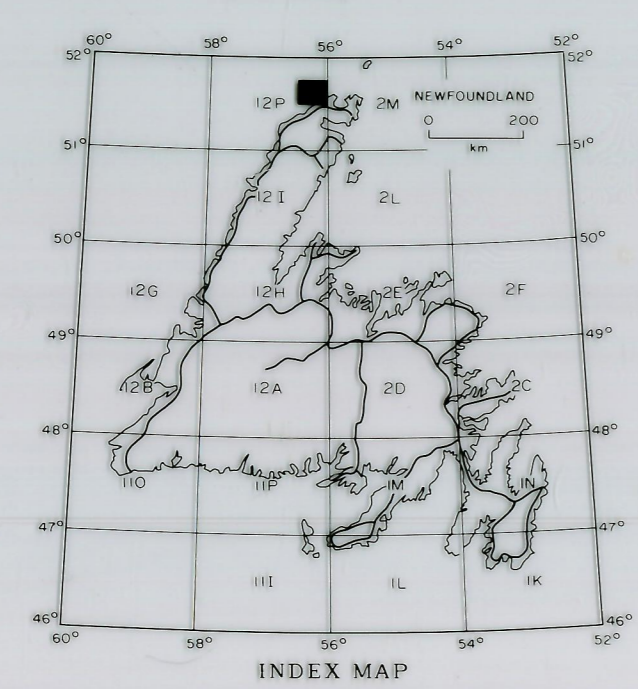
Geological cartography by Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador.

Copies of this map may be obtained from the Publications and Information Section, Mineral Development Division, Department of Mines and Energy, P.O. Box 4750, St. John's, Newfoundland A1C 5T7.

Base map at same scale published by Surveys and Mapping Branch, Department of Energy, Mines and Resources.

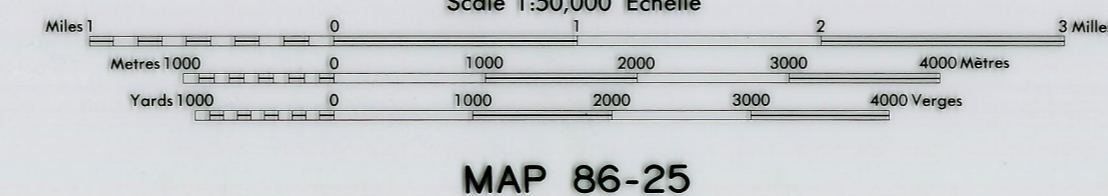
Elevation in feet above mean sea level.

This project was financed under two Canada/Newfoundland Mineral Development Subsidiary Agreements, 1977-1981 and 1984-1985.



Produced under the supervision of the Mineral Development Division, Department of Mines and Energy, Government of Newfoundland and Labrador.

Scale 1:50,000
Echelle 1:50,000



**BIG BROOK
NEWFOUNDLAND**

MAP 86-25

This Provisional Map is published as a standard map in accordance with the provisions of the Act.

Carte provisoire publiée en vertu de la Loi sur la cartographie officielle.

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MAP 86-25