

Hadrynian

- LOULI HILLS INTRUSIVE SUITE (Units 17 to 19)**
- 19 pink to buff, fine to medium grained, equigranular granite. 19b: diabase dike.
 - 18 fine to medium grained, green and black equigranular gabbro; diorite and minor diabase and quartz diorite; agmatite and related hybrid rocks. 18a: fine and medium grained, green and black equigranular gabbro and diorite with rafts of hornfels. 18b: diabase dike.
 - 17 medium to coarse grained plagioclase porphyry.
 - 16 brown, dark green and black, mostly aphanitic diabase.
 - 15 grey, medium grained granodiorite to quartz diorite.
 - 14 pink to buff, medium grained biotite granodiorite.

MDCGRAVETOWN GROUP

- 13 parallel laminated and cross-bedded green-grey siltstone, sandstone and minor conglomerate scours, with cherty and vitric tuff interbeds; minor unseparated rhyolite flows; hornfels. 12a: green, yellow and red cross-bedded and planar stratified sandstone, siltstone and conglomerate.
- 12 green and grey, highly vesicular basalt; minor massive basalt and flow breccia.
- 11 grey, purple, maroon and orange, flow-banded, autobrecciated, massive and locally columnar jointed rhyolite; ash flow tuffs; felsic tuff breccia, agglomerate and related volcanic breccia; minor tuffaceous sediment.
- 10 red granule and pebble conglomerate and sandstone; minor green to buff sandstone and pebble conglomerate.
- 9 red rhyolite and ash flow tuff.
- 8 red to maroon, boulder and pebble conglomerate.

CONNECTING POINT GROUP

- 7 fine and medium grained, buff to grey, locally quartzose sandstone with rare planar based conglomerate scours; thin bedded yellow-brown siliceous argillite; thin to medium bedded, fine grained, rippled green sandstone; minor black and grey siltstone. 7a: fine to medium grained felsic tuff bed.
- 6 thin bedded black shale and shale with thin lenticular beds and laminae of grey and locally brown sandstone; 6a: grey to brown and buff quartzose sandstone and granule to pebble conglomerate; 6b: black shale with thin and thick bedded grey and brown sandstone.
- 5 thin and planar bedded to laminated black shale and black argillite with thin planar interbeds of grey sandstone; minor convoluted black shale and black shale with thin discontinuous grey sandstone beds and laminae.
- 4 black shale; black shale with vitric tuff laminae; buff lithic/crystal and crystal tuff; grey tuffaceous sandstone; grey cherty argillite, hornfels; grey in places cyclically bedded thick and thin bedded graded sandstone with thin shale interbeds; pebbly sandstone, conglomerate; 4a: rhyolitic tuff.

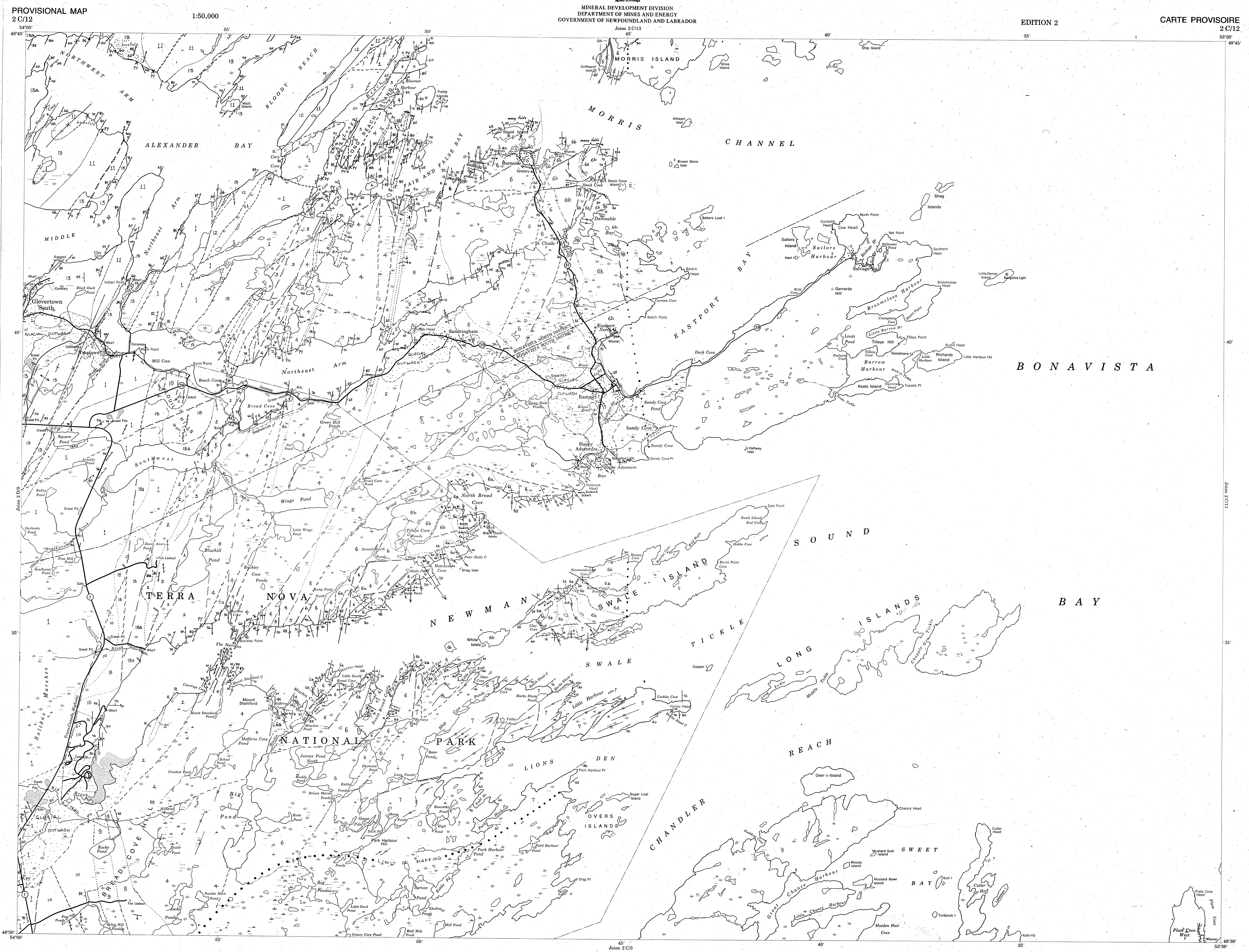
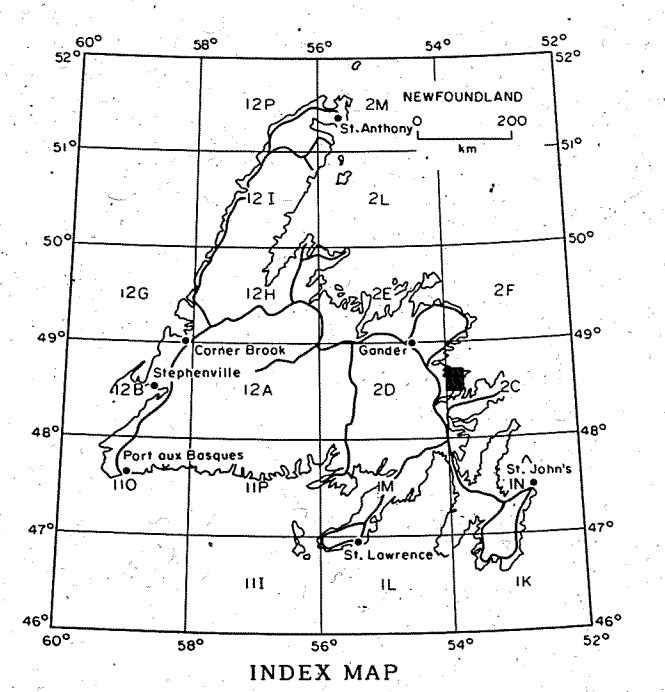
LOVE COVE GROUP (no stratigraphic order implied)

- 3 rhyolitic and rhyodacite tuff; tuff-breccia; silicified felsic volcanic rocks.
- 2 mafic tuff; fine grained mafic epiclastic rocks; mafic agglomerate and associated breccia; rare pillowed basalt and mafic hyaloclastites; mafic hornfels.
- 1 unseparated, mainly mafic and intermediate pyroclastic rocks; includes red and green mafic volcanic breccia; red feldsparphyric tuff; mafic tuff; green epiclastic sandstone, quartz-sericite schist, chlorite-epidote schist and thermally metamorphosed rocks within the aureole of the Louli Hills Intrusive Suite.

Symbols

- Geological boundary (defined, approximate, assumed, gradational).....
- Limit of geological mapping.....
- Bedding, tops known (horizontal, inclined, vertical, overturned).....
- Bedding, tops unknown (inclined, vertical).....
- Bedding, estimated dip (steep).....
- Bedding, general trend (dip unknown).....
- Igneous flow banding (inclined, vertical).....
- Lamination.....
- Axes of minor folds.....
- Syncline (arrow indicates plunge).....
- Anticline (arrow indicates plunge).....
- Shear zone.....
- Schistosity or foliation.....
- Fracture cleavage.....
- Mineral occurrence.....

Geology and cartography by Sean J. O'Brien, 1986.
 This preliminary map may be subject to revision and correction.
 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, NF, A1C 5T7.
 Approximate magnetic declination, 1969, for centre of map is 26°/14', decreasing 3.1' annually.
 Elevations in feet above mean sea level.



MAP 86-63
EASTPORT NEWFOUNDLAND
 Scale 1:50,000 Échelle

0 1000 2000 3000 4000 METERS
 0 1000 2000 3000 4000 YARDS

This Provisional Map is prepared to a standard scale in order to assist in the location of mineral resources. It is not intended for use as a navigational chart.

Cette carte provisoire est préparée à l'échelle standard afin d'aider à la localisation des ressources minérales. Elle n'est pas destinée à être utilisée comme carte de navigation.

CONTOUR INTERVAL: 20 FEET (6 METERS)
 Contour interval: 6 METERS (20 FEET)

© Canada 1972, New Prints allowed.