

PRELIMINARY SERIES

LEGEND

- 12** NORTHERN BIGHT GRANITE: red granite with minor biotite (Post Musgravetown group, probably Palaeozoic)
- 11** Rare dykes of diabase with pink feldspar intruding rocks of the Deer Harbour formation (Post Musgravetown group, probably Palaeozoic)
- CAMBRIAN**
LOWER AND MIDDLE CAMBRIAN
10 Red and pale green slate commonly with limestone nodules, pink limestone; minor conglomerate at base; minor Middle Cambrian grey slate, manganiferous slate
- LOWER CAMBRIAN(?)**
9 RANDOM FORMATION: white quartzite, white quartz pebble conglomerate, with interbeds of green, grey, and red arkose and siltstone
- MUSGRAVETOWN GROUP (2-8)**
DEER HARBOUR FORMATION (4-8)
7 CROWN HILL MEMBER: red conglomerate; bright red siltstone at base; green sheared conglomerate
- 6** GREY SILTSTONE MEMBER: grey siltstone, arkose, slate
- 5** MASSIVE RED ARKOSE MEMBER: red arkose in massive beds
- 4** GREEN SILTSTONE MEMBER: green and greyish green siltstone, argillite, arkose, conglomerate; basal red conglomerate and arkose
- 2 3** BULL ARM FORMATION (2-3)
2 Andesitic volcanic flows, breccias, tuffs, and associated minor intrusive rocks; red and green arkose, siltstone, slate, conglomerate; minor rhyolitic flows, tuffs, and breccias; 2a, green massive, and purple cherty argillite and pink grit
3 Rhyolitic breccias, flows, and tuffs; minor intercalated siltstone
- 1** CONNECTING POINT GROUP
Green and grey, well-bedded siltstone, greywacke, slate; numerous andesitic dykes probably related to 2
- A** POWDER HORN DIORITE COMPLEX: fine-grained and porphyritic gabbro and minor hornfels probably related to 2; medium-grained diorite in small, irregular bodies probably related to 12

- Geological boundary (defined, approximate, assumed)
- Bedding (horizontal, inclined, vertical)
- Fault (defined, approximate, assumed)
- Anticline (defined, approximate; arrow indicates plunge)
- Syncline (defined, approximate; arrow indicates plunge)
- Glacial striae

Geology by W. D. McCartney, 1955

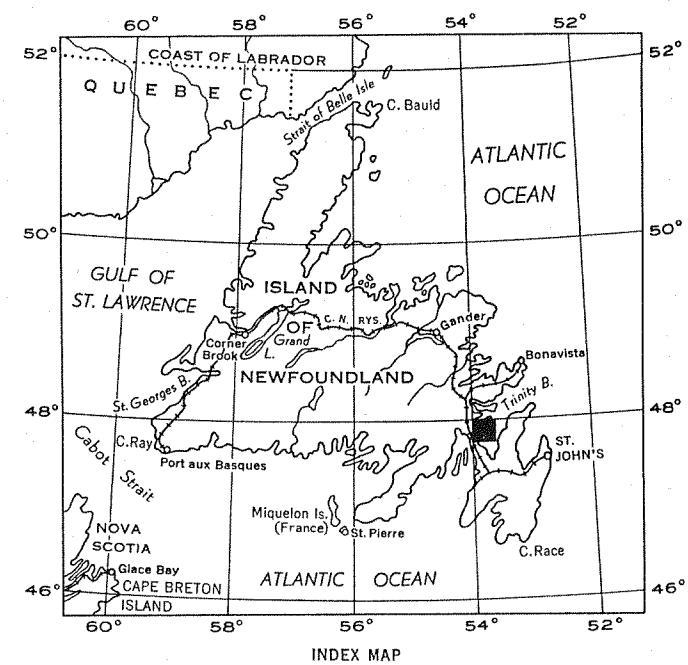
- Main highway
- Other roads
- Trail
- Railway (narrow gauge)
- District boundary
- Intermittent stream
- Height in feet above mean sea-level 1133

Approximate magnetic declination, 28° 44' West

Cartography by the Geological Cartography Unit, 1958

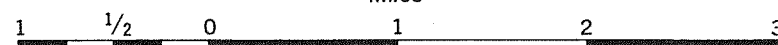
In response to public demand for earlier publication, Preliminary Series maps are now being issued in this simplified form, thereby effecting a substantial saving in time. There is no loss of information, but the maps will be clearer to read if all or some of the map-units are hand-coloured.

Air photographs covering this area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario



MAP 18-1958
TO ACCOMPANY PAPER 58-8
SUNNYSIDE
ISLAND OF NEWFOUNDLAND

Scale: One Inch to One Mile = $\frac{1}{63,360}$ Miles



COPIES OF THIS MAP MAY BE OBTAINED FROM THE DIRECTOR, GEOLOGICAL SURVEY OF CANADA, OTTAWA