

LEGEND

DEVONIAN OR YOUNGER

- 7 Pink to buff, massive, very fine grained to fine grained, quartz-feldspar porphyritic dikes.

SILURIAN TO DEVONIAN

Burgeo Batholith (6a-6b)

- 6b Pink, protomylonitic to mylonitic, K-feldspar porphyroclastic granite.
- 6a Pink, very strongly foliated to protomylonitic, medium grained, equigranular, biotite granite with screens of migmatite (Unit 3).

North Bay Granite (subunits 5a-5i)

- 5i Pink to buff, massive to weakly cleaved, medium grained, K-feldspar porphyritic, biotite-muscovite granite.
- 5h Pink to buff, massive to weakly cleaved, medium to coarse-medium grained, K-feldspar porphyritic, biotite ± muscovite granite.
- 5g Pink to buff, massive to weakly cleaved, medium to coarse-medium grained, K-feldspar porphyritic, biotite granite; screens of foliated granite and migmatite common southwest of Dolland Brook.
- 5f White to buff, massive, coarse grained, equigranular, biotite-muscovite granite.
- 5e Buff, massive, medium grained, equigranular, biotite granite; includes minor biotite-muscovite granite.
- 5d Buff, massive, medium grained, equigranular, biotite granodiorite and granite; granite becomes fine grained and muscovite-bearing southwest of Meelpaeg Lake.
- 5c Buff to gray, foliated, medium to coarse-medium grained, equigranular, biotite granodiorite and minor tonalite; locally intruded by garnet-muscovite aplite and pegmatite veins.
- 5b Pink to white, strongly foliated, medium to coarse grained, equigranular to pegmatitic, muscovite-garnet and muscovite-biotite granite; locally contains numerous xenoliths of migmatite, psammite, and foliated tonalite.
- 5a Pink to buff, foliated, medium grained, equigranular to porphyritic, biotite ± muscovite granodiorite and granite.

SILURIAN?

- 4 Interbedded sandstone, siltstone and pebble conglomerate; minor thickly bedded subangular cobble conglomerate.

LOWER TO MIDDLE ORDOVICIAN

Bay du Nord Group

- 3 Highly deformed, migmatitic metasediments cut by numerous granitoid veins, dikes and small granitoid plugs.

Baie d'Espoir Group (subunits 2a-2e)

- 2e Thinly bedded, locally highly folded, gray slate and sandstone, possibly equivalent to Salmon River Dam Formation.
- 2d Gray and green, thinly bedded, slate and minor sandstone.
- 2c Very thickly bedded, brown weathering, gray massive sandstone, minor interbeds of subunit 2b.
- 2b Thinly bedded, highly folded and quartz veined, black graphitic slate and siltstone.
- 2a Thickly bedded, schistose, quartz-crystal tuff and coarse tuffaceous sandstone.

Spruce Brook Formation (subunits 1a-1d)

- 1d Migmatite, psammite, and numerous granitoid dikes; high grade equivalent of 1a, 1b.
- 1c Clast-supported orthoquartzite cobble metaconglomerate, with minor matrix-supported slate and quartzite breccia and coarse metasandstone.
- 1b Thinly bedded pelite and minor psammite and semipelite.
- 1a Dominantly biotite psammite and orthoquartzite with minor semipelite.

NOTE Legend is common to maps 12A/2E and 11P/15E; thus some units may not appear on both maps.

SYMBOLS

- Geological boundary (defined, approximate, assumed, gradational).....
- Fault (defined, approximate, assumed).....
- Bedding (tops known - inclined, vertical, overturned).....
- Bedding (tops unknown - inclined, vertical).....
- Cleavage or schistosity
  - first generation (inclined, vertical).....
  - second generation (inclined, vertical).....
- Migmatitic layering (inclined, vertical, dip unknown).....
- Shear plane (inclined).....
- Fold plunge (bedding or cleavage, migmatitic layering).....
- Dike, quartz vein.....
- Isolated outcrop, outcrop area, geochemical sample site.....
- Glacial striation (direction of ice flow known).....

Geology by W.L. Dickson and P.A. Delaney, 1983. Released April, 1984.

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This preliminary map is subject to revision.

Base map at same scale published by Surveys and Mapping Branch, Department of Energy, Mines and Resources, Ottawa, 1973.

Approximate Magnetic Declination 1984 for centre of map 11P/15 is 27°10' decreasing 2.7' annually.

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, and from the Geological Survey of Canada, 601 Booth Street, Ottawa, Ontario K1A 0E8, and from K.G. Campbell Corporation, 850 Wellington St., Bay 238, Ottawa, Ontario K1R 6K7.

G.S.C. Open File # 1029 Dolland Brook.

CANADA  
June 12 A 2

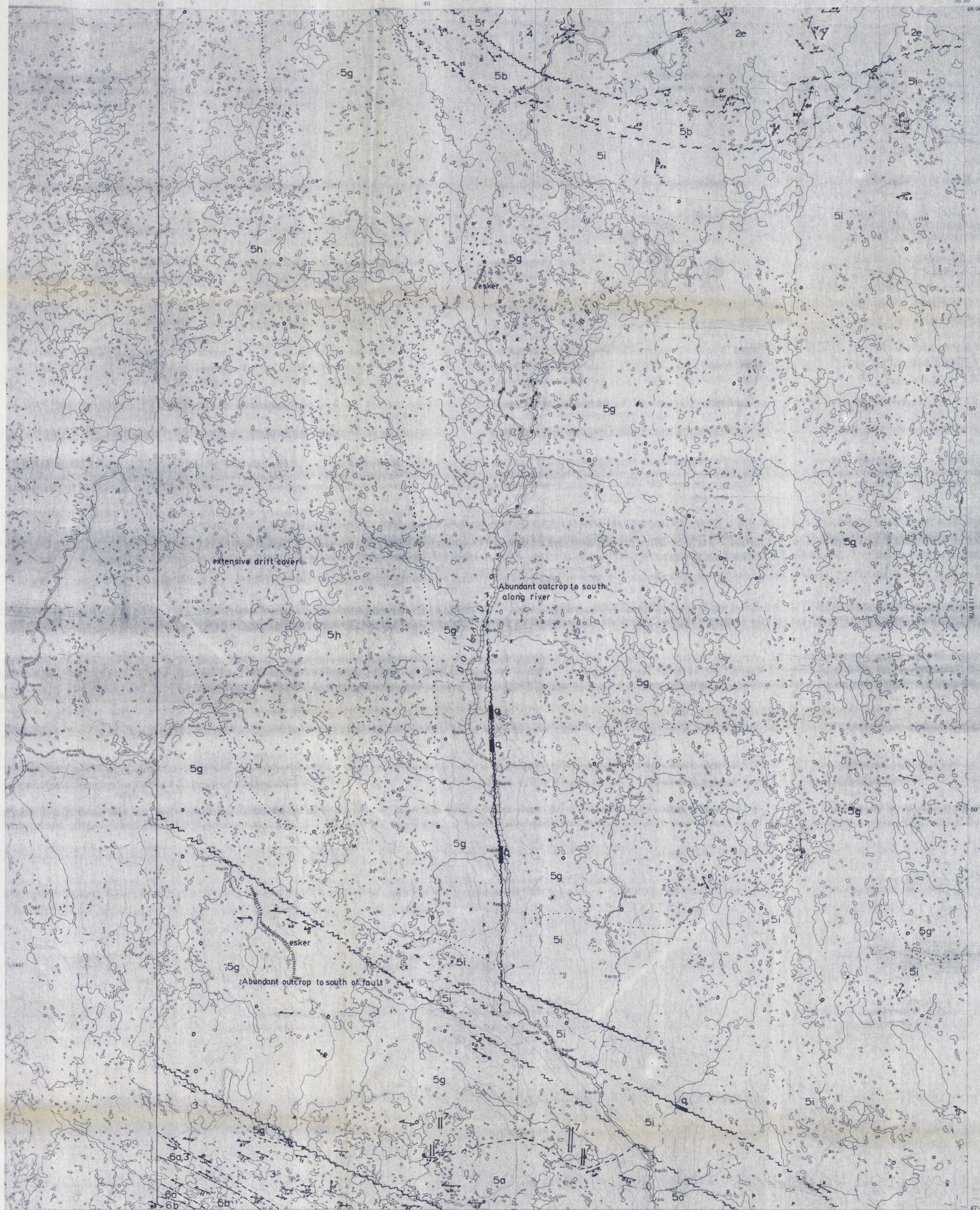


MINERAL DEVELOPMENT DIVISION  
DEPARTMENT OF MINES AND ENERGY  
GOVERNMENT OF NEWFOUNDLAND AND LABRADOR



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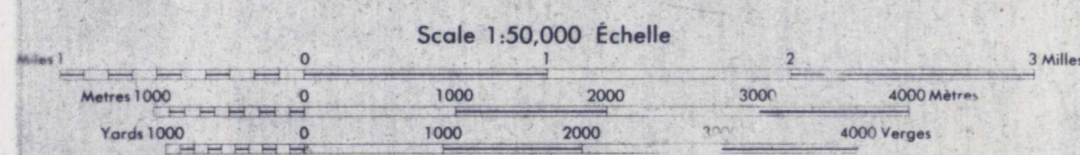
CARTE PROVISOIRE  
11 P/15



DOLLAND BROOK

HERMITAGE DISTRICT  
NEWFOUNDLAND

Scale 1:50,000 Échelle



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 Surveys and Mapping Branch.

CONTOUR INTERVAL 50 FEET  
Elevations in Feet Above Mean Sea Level  
North American Datum 1927  
Transverse Mercator Projection

Cette carte provisoire équivaut à une carte régulière au point de vue de la précision de son contenu.  
Certains noms inscrits sur cette carte ne sont pas encore officiels. La Direction des cartes et de la cartographie accepte les suggestions de corrections et d'additions.

ÉCHARTONNEMENT DES COURBES 50 PIEDS  
Élévation en Pieds au-dessus du niveau moyen de la mer  
Système de référence géodésique nord-américain, 1927  
Projection transverse de Mercator

GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

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MAP 84-26