

PUBLICATION RELEASE: May 17, 2019 TIME: 10:00 a.m.
OF 2019-1 (online)

OF 2019-1 (online)

Follow-up till geochemical data for the eastern portion of the Rollingdam map area (NTS 21 G/06) and the western portion of the McDougall Lake map area (NTS 21 G/07), southwestern New Brunswick

W.F. Gilmore, S. Allard, A.G. Pronk, and S.L.E. Rossiter (xlsx and pdf formats). To purchase this report on CD-ROM refer to page 3 of this notice.

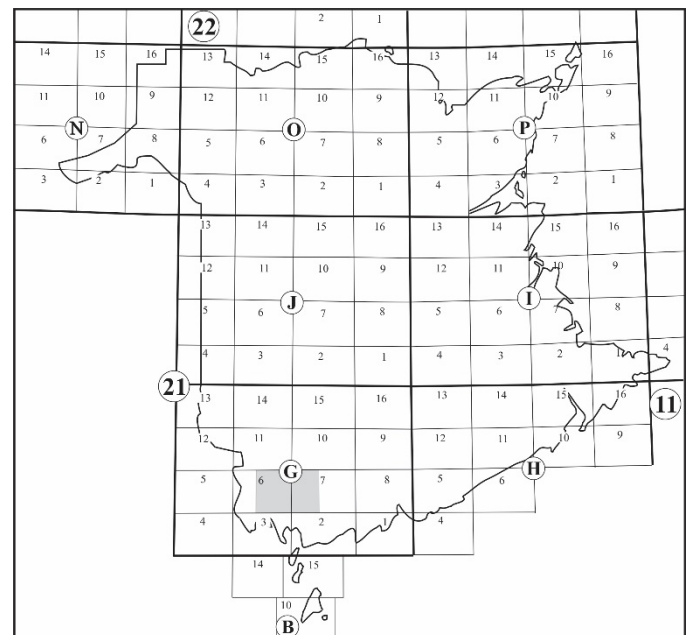
A reconnaissance till geochemistry survey (one site per 4 km²), conducted during the summer field seasons of 2000–2001 by the Geological Surveys Branch (GSB) (Pronk et al. 2002), identified numerous multi-element anomalies in the McDougall Lake and Rollingdam regions of southwestern New Brunswick. The underlying bedrock in the area is comprised of Ordovician to Silurian sedimentary rocks, Silurian to Devonian volcanic rocks and various Devonian granites. Both the metasedimentary and plutonic rocks are known to be prospective for a variety of mineral occurrences.

In a follow-up till geochemical survey conducted during the summer of 2018, which is a continuation of the follow-up work conducted in 2017 (Gilmore et al. 2018), GSB collected 199 samples for geochemical analysis within the eastern portion of the Rollingdam quadrangle (NTS 21 G/06) and the western portion of the McDougall Lake quadrangle (NTS 21 G/07). This survey increased the sample density of the area to approximately 1 km intervals, which should help better define the anomalous areas identified in 2000–2001 and increase the possibility of delineating previously unknown areas of prospective mineralization.

Samples were prepared (dried and sieved) in GSB laboratory facilities (Fredericton, New Brunswick). AGAT Laboratories (Mississauga, Ontario) was contracted to conduct geochemical analysis for 58 elements by ICP-

OES/ICP-MS following sodium peroxide fusion digestion. Gold was analyzed by ICP-MS following aqua regia digestion. Additionally, 174 till samples collected in 2001 and 2004 on the Rollingdam mapsheet were sent for re-analysis (same method of analysis as described above).

To expedite the publication of these new geochemical data, the results from the till pebble lithology analysis are not included with the 'RD18-MD18_21G06-21G07_Till_Sample_Data' spreadsheet. These data will be included in a future, revised version of this publication.



grey shading on map denotes study area

LOCATIONS:

Energy and Resource Development offices
 Fredericton & Bathurst, NB

ORDERING INFORMATION

Cheques may be drawn payable to the
MINISTER OF FINANCE.

WE ARE NOW ACCEPTING VISA AND
MASTERCARD **AT OUR FREDERICTON
AND BATHURST OFFICES.** PLEASE
PROVIDE CARD NUMBER, CARD EXPIRY
DATE, AND YOUR TELEPHONE NUMBER.

Copies may be purchased from the New
Brunswick Department of Energy and
Resource Development:

Room 150, Hugh John Flemming
Forestry Centre
1350 Regent Street
P.O. Box 6000
Fredericton, New Brunswick E3B 5H1
E-mail: geoscience@gnb.ca

2574 Route 180
South Tetagouche, New Brunswick
E2A 7B8
Telephone: (506) 547-2070
Attention: Nicole Hatheway
E-mail: nicole.hatheway@gnb.ca

PRE-ORDER FORM

To ensure that your order will be available to you on the release date (May 17, 2019) **we must receive this Pre-Order Form by May 15, 2018.**

Name	Company
Address	City Province
Postal Code	Telephone
Fax	E-mail

Shipping and Handling Fees (plus applicable tax)

Total Value of Order	Canada	United States and other Countries
Up to \$5.00	\$2.00	\$2.93
\$5.01 - \$25	\$3.50	\$4.55
\$25.01 - \$75	\$5.40	\$7.02
\$75.01 - \$200	\$10.50	\$13.65
Over \$200	6% of total value	7.8% of total value

***NOTE:**

The 15% HST applies to orders received from Nova Scotia, Newfoundland and within New Brunswick, with the exception of reports which will remain at 5%. Orders from outside these areas are subject to the 5% GST only.

Item	Unit Cost	Quantity	Taxable Amount	GST [5%*(a)]	HST [15%*(a)]	Subtotal
OF 2019-1 (CD-ROM)	\$10.00					
Shipping (plus applicable tax)						
					Total	

Prepayment is required on all mail orders.

Cheque/Money Order, payable to the Minister of Finance of New Brunswick

MasterCard Card no. _____

Visa Expiry date _____ / _____

Name _____ Signature _____

FORWARD PRE-ORDER FORM AND PAYMENT TO:

Department of Energy and Resource Development, Room 150, Hugh John Flemming Forestry Centre,
 P.O. Box 6000, Fredericton, New Brunswick, E3B 5H1
 For further information: Fax.: (506) 453-3671, email: geoscience@gnb.ca