

Geoscience Editing and Publishing

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Publications play an important role in delivering geoscience information for the Minerals and Energy Branch, educating the public, and conveying the professional image established by the branch. A publication is often the first chance we have to make an impression on someone who comes into contact with the Department of Natural Resources.

Staff of the geoscience editing and publishing group work toward the goal of consistent high-quality, timely, and cost-effective reporting on activities carried out by the Minerals and Energy Branch. All geoscientists in the Branch are required to publish accounts of their work. These accounts may be published as scientific reports, memoirs or maps, or they may best be communicated in less technical publications such as information circulars or newsletters. The Branch newsletter *Nova Scotia Minerals Update* is produced quarterly and distributed to approximately 1600 subscribers around the world. The newsletter and many other publications are also converted to HyperText Markup Language (HTML) or Acrobat® PDF and are available online as part of the Minerals and Energy Branch web site. These activities ensure that current geoscience information on Nova Scotia is readily available to enhance public awareness and to promote the mineral resources of the province.

The role of the geoscience editing and publishing group in the Geoscience Information Services Section can be roughly divided into two parts. The first part involves editing a manuscript (report, article or map) to the author's satisfaction, while at the same time applying the branch standards for style and content in the interest of our readers. Editor Doug MacDonald carries out this work for the Minerals and Energy Branch. The second part involves producing a published document. The editor works with desktop publishing technicians Barb MacDonald and Susan Saunders to produce publications.

Editing

In the Minerals and Energy Branch, all scientific publications must be reviewed by at least one

scientist who has not contributed to the research being presented. This process is called peer review and finding a suitable reviewer is usually the editor's first task after receiving a manuscript. The editor assigns the manuscript to a reviewer who is experienced in the field of study being presented by the author. The editor supplies the reviewer with detailed guidelines to direct the review toward the most critical scientific aspects of the manuscript. The reviewer's comments are then given to the author so that the manuscript can be revised in an effort to improve its scientific content. Open File Reports and Open File Maps are used to release information as soon as possible, and may be approved for publication after peer review, revision by the author and minimal editing.

Resubmission of the manuscript by the author after peer review initiates the next step in the editorial process, often called substantive editing. This step may require re-writing parts of the document, re-organizing sections, and generally suggesting ways that authors can improve the presentation of their research for the intended readers. The relationship between author and editor is most important during this phase of substantive editing.

Another aspect of the editorial process is often referred to as copy editing. This function requires careful attention to every detail in a document in order to meet the Branch publication standards. For the Minerals and Energy Branch, these standards reflect those used by the Geological Survey of Canada. Some standards, such as consistent capitalization, spelling and punctuation, are easily applied. Others may require much more time and effort, such as accurate citation and listing of references, and making sure that tables, maps and drawings meet the appropriate specifications.

Publishing

The final appearance of a publication is largely determined by the publication team, which includes an editor and a desktop publishing technician. This function consists of preparing camera-ready (or Internet-ready) manuscripts for publication, and

involves words, figures, tables and other design elements that are electronically composed using a variety of publishing applications, such as Word®, WordPerfect®, Publisher® and Acrobat®. Manuscripts travel back and forth between the editor and the desktop publishing technician many times before they are ready to be published, either on paper or on-line.

The following publications were released in 2001:

Contribution Series

CS ME 2001-1 Disseminated gold at Reefton, South Island, New Zealand, compared with similar occurrences in Victoria, Australia, and Nova Scotia, Canada, by A. B. Christie, N. G. Corner, F. P. Bierlein, P. K. Smith, R. J. Ryan and D. C. Arne; *in* *New Zealand Mining*, v. 28, p. 14-24.

CS ME 2001-2 Cretaceous Mafic dyke swarm, Peary Land, northernmost Greenland: geochronology and petrology, by D. J. Kontak, S. M. Jensen, J. Dostal, D. A. Archibald and T. K. Kyser; *in* *Canadian Mineralogist*, v. 39, p. 997-1020.

CS ME 2001-3 Late-glacial stratigraphy and history of the Gulf of St. Lawrence: discussion, by R. R. Stea; *in* *Canadian Journal of Earth Sciences*, v. 38, no. 3, p. 479-482.

CS ME 2001-4 Hidden Cretaceous basins in Nova Scotia, by R. R. Stea and S. E. Pullan; *in* *Canadian Journal of Earth Sciences*, v. 38, p. 1335-1354.

CS ME 2001-5 Glaciation and relative sea-level change in Maritime Canada, by R. R. Stea, G. B. J. Fader, D. B. Scott and P. Wu; *in* *Geological Society of America, Special Paper 351*, p. 35-49.

Economic Geology Series

EGS ME 2001-1 Overview of bedrock aggregate potential in the Halifax-Dartmouth metropolitan area, Nova Scotia, by G. Prime, 74 p.

Government of Nova Scotia Publication

Seizing the Opportunity, Nova Scotia's Energy Strategy; Government of Nova Scotia, 340 p.

Map

Map ME 2001-1 Geological map of the Meguma Group in the Rawdon area (part of NTS 11E/04), Hants County, Nova Scotia, by R. J. Horne, L. A. MacDonald and M. S. King, scale 1:50 000.

Newsletter

Nova Scotia Minerals Update, volume 18, numbers 1, 2, 3 and 4.

Open File Illustration

OFI ME 2000-1 Version 2 Active mining operations in Nova Scotia, by Mineral Development and Policy Section.

Open File Maps

OFM ME 2001-1 Map of bedrock aggregate potential in the Halifax - Dartmouth metropolitan area, Nova Scotia, by G. Prime, scale 1:100 000.

OFM ME 2001-2 Map of land use constraints in the Halifax - Dartmouth metropolitan area, Nova Scotia, by G. Prime, scale 1:100 000.

Open File Reports

OFR ME 2001-1 Fault-controlled zinc mineralization in the Antigonish Highlands, Antigonish and Pictou counties, Nova Scotia, by G. A. O'Reilly, 9 p.

OFR ME 2001-2 Geology of the South Mountain Batholith, southwestern Nova Scotia, by M. A. MacDonald, 359 p.

Reports

Report ME 2001-1 Minerals and Energy Branch Report of Activities 2000, ed. D. R. MacDonald, 179 p.

Report ME 2001-2 Mining Matters for Nova Scotia 2001: Opportunities for Economic Development, ed. D. R. MacDonald, 48 p.