

Geoscience Editing and Publishing

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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. Editor Doug MacDonald and contract editor Kathy Mills carry out this work for the Minerals and Energy Branch. The second part involves producing a published document. The editors work with word processing operators Barb MacDonald and Susan Saunders to produce our branch 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:

1. significance of the content,
2. soundness of the content,
3. completeness of the content, and
4. presentation.

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 can be approved for release after peer review and minimal editing.

Resubmission of the manuscript 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 the author can improve the presentation of their research for its intended readers. Since the subject matter is geoscience, the editors are geologists - although they can not be experienced in the particular field of research for each manuscript they understand the concepts, terminology, and scientific methods employed. 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 consistent citation and listing of references, and making sure that tables, maps and drawings meet the appropriate specifications.

Publishing

Geoscientists in the Minerals and Energy Branch are required to publish accounts of their work. The final appearance of our publications is largely determined by the publication team, which includes an editor and a word-processing operator. In the modern age of computer-based publication, the job title "word processing operator" is an anachronism. 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 WordPerfect® and PageMaker®. Manuscripts travel back and forth between the editor and the word processing operator many times before they are ready to be published, either on paper or on-line.

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. Accounts of these activities 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 1500 subscribers around the world. The newsletter and many of our other, shorter publications are also converted to HyperText Markup Language (HTML) and are available on-line as part of the 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 following publications were released in 1997:

Annual Report

Annual Report for the Fiscal Year ending March 31, 1996, by Nova Scotia Department of Natural Resources 1997, 81 pages.

Contribution Series

CS 97-001 An Isotopic (C, O, Sr) Study of Vein Gold Deposits in the Meguma Terrane, Nova Scotia: Implications for Source Reservoirs, by Daniel J. Kontak and Robert Kerrich ; *in* Economic Geology, v. 92, 1997, p. 161-180.

Information Circulars

No. 54 Properties Available for Option in Nova Scotia, January 1997; a joint project between the Nova Scotia Department of Natural Resources, Minerals and Energy Branch, and the Chamber of Mineral Resources.

No. 55 Safe Work Methods Handbook, by Minerals and Energy Branch, Nova Scotia Department of Natural Resources, August 1997, 40 pages.

No. 56 A User's Guide to the 'One Window' Process for Mine Development Approvals, by Mining Engineering Section, 31 pages.

Information Series

No. 23 Abandoned Mine Openings: Hazards and Remediation Handbook, by Mining Engineering Section, 90 pages.

Maps

Map 97-01 Geological Map of a Portion of the South-Central Cape Breton Highlands (part of NTS map sheet 11K/07), Victoria and Inverness Counties, Nova Scotia; by L. J. Ham, 1997, scale 1:25 000. Accompanies Paper 97-01.

Open File Maps

OFM 97-001 Geological Map of Upper Nile Mile River (part of NTS sheet 11E/04), Hants County, Nova Scotia; by R. J. Horne, 1997, scale 1:10 000.

OFM 97-002 Geological Map of Upper Rawdon (part of NTS sheet 11E/04), Hants County, Nova Scotia; by R. J. Horne, 1997, scale 1:10 000.

OFM 97-003 Geological Map of East Gore (part of NTS sheet 11E/04), Hants County, Nova Scotia; by R. J. Horne, 1997, scale 1:10 000.

OFM 97-004 Geological Map of Greenhill (part of NTS sheet 11E/04), Hants County, Nova Scotia; by R. J. Horne, 1997, scale 1:10 000.

OFM 97-005 Geological Map of Greenfield (part of NTS sheet 11E/04), Hants County, Nova Scotia; by R. J. Horne, 1997, scale 1:10 000.

OFM 97-006 Geological Map of Gore (part of NTS sheet 11E/04), Hants County, Nova Scotia; by R. J. Horne, 1997, scale 1:10 000.

OFM 97-007 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11D/10, Owls Head, Halifax County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-008 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11D/11, West Chezzetcook, Halifax County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-009 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11D/12, Halifax, Halifax County, Nova Scotia, and 11D/13, Mount Uniacke, Halifax and Hants Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-010 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11D/14, Musquodoboit Harbour, Halifax County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-011 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11D/15, Tangier, Halifax County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-012 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11D/16, Ecum Secum, Halifax and Guysborough Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-013 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11E/01, Liscomb, Guysborough and Halifax Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-014 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11E/02, Upper Musquodoboit, Halifax, Guysborough and Colchester Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-015 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11E/03, Shubenacadie, Halifax, Colchester and Hants Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-016 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11E/04, Kennetcook, Hants County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-017 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11E/08, Lochaber, Pictou, Guysborough, and Antigonish Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-018 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11F/03, Larrys River, Guysborough County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-019 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11F/04, Country Harbour, Guysborough County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-020 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11F/05, Guysborough, Guysborough and Antigonish Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-021 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 11F/06, Chedabucto Bay, Guysborough County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-022 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS

Map Sheet 21A/01, LaHave Islands, Lunenburg County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-023 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 21A/02, Liverpool, Queens and Lunenburg Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-024 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 21A/03, Lake Rossignol, Shelburne, Yarmouth, Queens and Digby Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-025 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 21A/04, Wentworth Lake, Yarmouth and Digby Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-026 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 21A/07, Bridgewater, Lunenburg and Queens Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-027 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 21A/08, Lunenburg, Lunenburg County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-028 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 21A/09, Chester, Lunenburg and Halifax Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-030 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 20O/16, Yarmouth, Yarmouth County, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-031 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 20P/13, Tusket, Yarmouth and Shelburne Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-032 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 20P/14, Shelburne, Shelburne and Queens Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-033 Meguma Terrane Enhanced (Second Vertical Derivative) Aeromagnetic Digital Data, NTS Map Sheet 20P/15, Port Mouton, Queens and Shelburne Counties, Nova Scotia; by M. S. King, 1997, scale 1:50 000.

OFM 97-035 Historic Underground Mining and Advanced Exploration Sites (Abandoned Mine Opening Locations), by Mining Engineering Section, 1997, scale 1:500 000.

Open File Reports

OFR 97-001 Late Quaternary Glaciation and Sea-level Change Along the Atlantic Coast of Nova Scotia, by R. R. Stea, 1995, 219 pages, 2 maps in pocket, (scale 1:50 000 and Map 92-1 scale 1:500 000). This open file report is a reformatted copy of a thesis submitted in partial fulfilment of the requirements for the degree of Doctor of Philosophy at Dalhousie University, 1995.

OFR 97-004 Core Logs of Drillholes MER-95-1 and MER-95-2, Piedmont and Merigomish Island, Pictou County, Nova Scotia; by K. S. Gillis, 1997, 17 pages.

OFR 97-005 Report on a Diamond-drilling Program in the North Brook Area, Victoria County, Nova Scotia; by G. J. DeMont, 1997, 17 pages.

OFR 97-006 Report on a Diamond-drilling Program, Mile 16 East Road and MacKenzie Road South, Victoria County, Nova Scotia; by G. J. DeMont, 1997, 33 pages, 1 coloured figure.

OFR 97-007 Report on the Diamond-drilling and Geological Investigations of the Steves Road Lead-Gold Occurrence, North Beaverbank, Hants County, Nova Scotia; by R. J. Ryan, 1997, 67 pages, 2 enclosures.

OFR 97-008 First Annual Joint Work Plan for Geoscience in Nova Scotia, 1997-1998, by S. Swinden and J. Verhoef, 1997, 14 pages.

Papers

Paper 97-1 The Geology of a Portion of the South-central Cape Breton Highlands (part of NTS map sheet 11K/07), Victoria and Inverness Counties, Nova Scotia; by L. J. Ham, 1997, 43 pages, plus 1 coloured map, Map 97-1, scale 1:25 000, in back pocket.

Reports

Report 97-01 Minerals and Energy Branch, Report of Activities 1996, edited by D. R. MacDonald and K. A. Mills; 1997, 227 pages.