



Mineral Resources Branch Release Notice for February 2005

Contribution Series - Available Now

CS ME 2003-5 New U-Pb (Zircon) Age and Geochemistry of the Wedgeport Pluton, Meguma Terrane, Nova Scotia, by N. J. MacLean, S. M. Barr, C. E. White and J. W. F. Ketchum; *in Atlantic Geology*, vol. 39, pages 239-253. 2003. **FREE**

CS ME 2004-3 Chemical Variation in Al_2O_3 -CaO-Na₂O-K₂O Space: Controls on the Peraluminosity of the South Mountain Batholith, by D. B. Clarke, M. A. MacDonald and S. Erdmann; *in Canadian Journal of Earth Sciences*, vol. 41, pages 785-798. 2004. **FREE**

CS ME 2004-4 A Comparison of Orogenic Gold Mineralization in Central Victoria (AUS), Western South Island (NZ) and Nova Scotia (CAN): Implications for Variations in the Endowment of Palaeozoic Metamorphic Terrains, by F. P. Bierlein, A. B. Christie and P. K. Smith; *in Ore Geology Reviews*, vol. 25, pages 125-168. 2004. **FREE**

CS ME 2004-5 ⁴⁰Ar/³⁹Ar dating in the Lochaber - Mulgrave area, northern mainland Nova Scotia: Implications for Timing of Regional Metamorphism and Sediment Provenance in the Late Devonian - Early Carboniferous Horton Group, by P. H. Reynolds, S. M. Barr, C. E. White and P. J. Tènière; *in Canadian Journal of Earth Sciences*, vol. 41, pages 987-996. 2004. **FREE**

Digital Products - Updated Version - Available Now

DP ME 000-06, Version 15, January 14, 2005, Digital Version of Nova Scotia Department of Natural Resources Open File Map ME 2000-6, Mineral Rights Disposition Map for the Province of Nova Scotia, scale 1:500 000, compiled by B. E. Fisher and A. S. Wenning. Digital product compiled by B. E. Fisher. Available in PDF format. Download free from the MRB website at <http://www.gov.ns.ca/natr/meb/download/00o06.htm>.

DP ME 51, Version 6, January 14, 2005, Nova Scotia Mineral Rights Database. Digital product compiled by B. E. Fisher. Available in E00, SHP and DXF/DBF formats. Download free from the MRB website at <http://www.gov.ns.ca/natr/meb/download/dp051.htm>.

Digital Products - New - Available Now

DP ME 60, Version 1, 2004, Digital Version of Nova Scotia Department of Natural Resources Open File Map ME 2004-2, Surficial Geology Map of the Port Hawkesbury Area (NTS 11F/11), Inverness, Richmond, Guysborough and Antigonish Counties, Nova Scotia, NTS 11F/11, scale 1:50 000, by R. R. Stea, 2005. Digital product compiled by B. E. Fisher, Available in E00, SHP, DXF/DBF and PDF format. Download free from the MRB website at <http://www.gov.ns.ca/natr/meb/download/dp060.htm>

DP ME 154, Version 1, 2005, Nova Scotia Gravity Database. Digital product compiled by B. E. Fisher. Available in E00, SHP and DXF/DBF format. Download free from the MRB website at <http://www.gov.ns.ca/natr/meb/download/dp154.htm>

This digital product includes all the stations that were collected as part of the Nova Scotia Department of Natural Resources, Mineral Resources Branch (MRB) Open File Report 95-005, "Reprocessing of Nova Scotia Gravity Data from the NSRFC Gravity Database (1952-1988)" by K. Howells and E. D. Clarke, as well as an additional 633 gravity stations and some quality control fields added by Steve King under contract to MRB in early 2005. This data was part of Assessment Report AR ME 1997-101, "Salt, Stewiacke area, Hants and Colchester Counties, Nova Scotia. Report on a geological review of the property, an assessment of previous gravity and seismic surveys, an analysis of previous gauging data, and the collection of river oceanographic data", by Geomarine Associates Ltd. This product includes station locations, associated bouguer gravity values and other attributes located in the onshore and offshore areas of Nova Scotia.

Live Maps and Data (Internet Map Server services) - Available Now

The purpose of these live map and data applications is to allow clients to view, query and print many of our digital maps, databases and images over the Internet using Internet Explorer or Netscape. Two such applications are currently available for our clients:

Nova Scotia Geoscience Maps, Databases and Images

The purpose of the Nova Scotia Geoscience Maps, Databases and Images (NSGEOMAP) Internet Map Service (IMS) is to provide the public with a single geographic compilation of geoscience maps, databases and images created and maintained by the Nova Scotia Department of Natural Resources (NSDNR), Mineral Resources Branch (MRB).

The application displays a number of different layers from previously released digital products. These include:

- Geological Map of the Province of Nova Scotia (DP ME D00-01)
- Grids for Mineral Claims, Tracts and Petroleum Reservations in Nova Scotia (DP ME 009 and DP ME 012).
- Nova Scotia Mineral Rights Database (DP ME 051)
- Nova Scotia Mineral Occurrence Database (DP ME 001a)
- Nova Scotia Drillholes Database (DP ME 002)
- Nova Scotia Abandoned Mine Openings Database (DP ME 010)
- Shaded Relief Images of Nova Scotia (25 metre) (DP ME 056)

The Nova Scotia Geoscience Maps, Databases and Images can be accessed at <http://gis2.gov.ns.ca/website/nsgeomap>

Mineral Resource Land Use Atlas

The main purpose in preparing this Mineral Resource Land-Use Atlas (MRLU) Internet Map Service (IMS) is to provide the public with a single geographic compilation of mineral resource and related land-use information at a reasonably detailed scale. A key objective is to create a useful reference for practitioners working in land-use and environmental planning, geotechnical firms and groups involved in community economic development.

The MRLU IMS displays the location and distribution of mineral and energy resources and related activities as well as aspects of environmental geology that relate to land-use and environmental planning. Special land-use designations on Crown and some privately-owned land are shown to indicate how Nova Scotia's land base varies regarding the ability of mineral resource interests to access land and hold secure tenure.

The MRLU Atlas can be accessed at <http://gis2.gov.ns.ca/website/mrlu27>.

Illustration - Available Now

OFI ME 2004-1 Potential Granite Aggregate Sources in the Halifax Regional Municipality Area, by G. A. Prime and C. E. White, 2004, 36" x 67" colour poster. **\$10.00**

Open File Map - Updated Version - Available Now

OFM ME 2000-6, Mineral Rights Disposition Map for the Province of Nova Scotia, version 15, January 14, 2005, compiled by B. E. Fisher and A. S. Wenning, scale 1:500 000. **Price \$5.00**. Also available as a free PDF download from <http://www.gov.ns.ca/natr/meb/download/00o06.htm>.

Open File Map - Available Now

OFM ME 2004-2 Surficial Geology Map of the Port Hawkesbury area (NTS 11F/11), Inverness, Richmond, Guysborough and Antigonish Counties, Nova Scotia, by R. R. Stea, scale 1:50 000. **Price: \$20.00**

Open File Reports - Available Now

OFR ME 2004-2 Selected Mineral Occurrences in the Western Half of the Eastern Shore of the Nova Scotian Mainland (a Field Trip Guide), by G. A. O'Reilly, R. F. Mills and R. J. Horne, 25 pages. **Price: \$5.00**

OFR ME 2004-3 Bedrock, Glacial, Economic and Environmental Geology of the Halifax Regional Municipality (Guidebook for EdGEO Field Excursion, August 23, 2004), by T. A. Goodwin, 2004, 22 pages, 13 colour photographs. **Price: \$5.00**

OFR ME 2004-5 Heavy Minerals and Sedimentary Petrology of Cretaceous Sands from the Shubenacadie Outlier, Nova Scotia, by G. Pe-Piper, R. R. Stea, S. Ingram and D. J. W. Piper, 2004, 78 pages. **Price: \$15.00**

Special Notice

Provincial Geologists Journal, Volume 20, 2002

The Provincial Geologists Journal is published annually by the Committee of Provincial Geologists which is a national organization composed of representatives from the provincial and territorial geological surveys in Canada. These organizations are the principal suppliers of geoscience information in their respective jurisdictions, principally to the mineral and petroleum industries, other government departments, and the public.

Volume 20, 2002 is available, free of charge, from the Library of the Halifax office of the Nova Scotia Department of Natural Resources. This journal is also available in each province and territory through the offices the respective geological surveys.