

President's Message - Peter Oram



Welcome to the April edition of the Mining Association of Nova Scotia's (MANS) newsletter. As most of you know by now, I was elected President of the Association at our recent Annual General Meeting. I am pleased to assume this role and look forward to a challenging and exciting year as we continue to roll out our strategic plan.

For those of you who might not know me well, I am a Principal at Conestoga-Rovers & Associates and have significant experience in the exploration geology, remote sensing, mine permitting and environmental site assessments in Atlantic Canada, Canada's North and Ontario. I have been involved with quite a number of environmental assessments in Nova Scotia and believe that our industry and indeed all Nova Scotians need to be better informed on the rigour of the process.

I believe that this is a critical time for our Association. We have made significant inroads in a very short period of time with bureaucrats, politicians, media and even the general public. It is critical that we stay on track with our strategic plan and continue to build relationships. Of particular note is my interest in working with other land users such as community and environmental groups in an effort to ensure that our land and our natural resources are used for the right purposes and for the benefit of all Nova Scotians.

Before closing, I want to say thank you to Gordon Dickie, past President, and his team for the work that they did in getting us to this stage of implementation of our strategic plan. I know that Gordon dedicated many many hours to ensuring our success with this endeavour and he deserves our thanks for this.

I look forward to this next year and working with my Executive Committee, Board and our membership to continue on this path of educating Nova Scotians on just how great mining is for them individually and for us as a province.

Name Our Newsletter Contest

We have a new association name, a new logo and now we need a new name for our newsletter. Put your thinking caps on and send in your suggestions. You could win a tour of the Halifax Harbour and dinner on board a 36 foot Beneteau sailboat simply by sending in a name. Please feel free to ask your co-workers, friends and family for help. Please send suggestions to jennifer@tmans.ca

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I am glad to have this opportunity to provide a quick update on how we are progressing with the implementation of our strategic plan. As you will see in this newsletter, I have recently hired an Executive Assistant to help me with the administrative duties of the Association. Some of you would have had a chance to meet Jennifer Wilson at our Annual General Meeting (AGM) and I hope that many more of you will have a chance to meet her over the next few months. Jennifer is a welcome addition to our team and I look forward to working with her.

I am now past my first AGM with MANS and I must say it was an enjoyable learning experience. There was a significant increase in participation and I was pleased to welcome a number of new members at the 2 day event. We will be sending out a survey and I know your comments and thoughts will help us make next year's event even more successful.

I have had a chance to meet quite a few of our members over the last seven months and I look forward to meeting even more of you as we move forward. I also continue to work at sharing our message of how mining is critical to our every day life and to the economy of our province. I would ask that each of you help me in delivering that message – please let me know if there are venues that we should be at or sessions we should be participating in to help us with this process.

Finally, there are still quite a few exciting developments coming our way in the next few months. Stay tuned for updates.

Executive Assistant's Message - Jennifer Wilson

I wanted to take a few minutes to introduce myself, Jennifer Wilson, to you the members of the Mining Association of Nova Scotia. I started my role as Executive Assistant to Michelle Landreville, the Executive Director of MANS mid March and I am excited about working with this organization.

A native Haligonian, I have roots all over our province. I have spent the last 10 years working in the financial industry most recently with a trust company. I believe that the skills I developed while there will serve me well in my new role. I am excited about assisting MANS' membership and the industry in changing their public image within our provincial community that, of course, includes government officials, bureaucrats and the media. I am also looking forward to building relationships with like-minded organizations in an effort to further our common goals.

Finally, I am engaged in learning of the challenges faced by our industry in Nova Scotia and how MANS can work to work on these issues. I want to be part of the team that educates the public on what we look like today, as I believe it is the only way we will be able to grow our industry.

I am looking forward to this exciting new role and all of the challenges and opportunities we will face as we implement our strategic plan. I look forward to meeting you in the coming months.



Status Report on the Mineral Resource Map Atlas

John Calder, Angelina Ehler and Brian Fisher, Department of Natural Resources

The importance of future mineral resources is difficult to evaluate when decisions are made about the use of land in Nova Scotia. Despite this issue, land-use decisions proceed out of necessity or public pressure, and information that can inform these decisions is needed to represent what is known of the mineral potential of Nova Scotia. The Mineral Resources Branch of the Nova Scotia Department of Natural Resources (DNR) has taken the initiative to address this need by means of a map atlas of the province's mineral resource potential (see *Nova Scotia Minerals Update*, vol. 24, no. 2).

A guiding principle for the Mineral Resource Map Atlas is to use data that are irrefutable, and where scientific interpretation is required, to present both the data and rationale clearly. To date the atlas has been prepared in three series, each comprising a set of four overlapping map sheets to cover the province at a scale of 1: 250 000 (Fig. 1).

The first series, *Exploration and Mining Activity*, provides a record of mining and exploration activity in Nova Scotia during the past 25 years. This series draws on data from mineral claim staking, mining permits and leases, past and current mining operations, and exploration and development activities such as drill holes and seismic surveys. Claim-staking data are layered to reflect repeated staking activity during the period 1982-2006, and effectively map trends of economic interest, strengthened by the other data sets.

Trends identified in the first series dove-tail with known mineral and aggregate deposits delineated in the second (*Mineral Deposits*) and third (*Aggregate Resources*) map series, which have been reviewed during the past year by mineral commodity specialists within DNR. Commodities reflected in the *Mineral Deposits* series (Fig. 2) include base and precious metals, industrial minerals, and energy resources such as coal, peat and petroleum. Defined deposit areas include metallogenic domains, ranging from historic gold districts to more recent targets such as iron oxide-copper-gold deposits, and stratigraphically controlled resources (e.g. lead, zinc, gypsum, salt, coal) of the Windsor and Cumberland groups. The third series, *Aggregate Resources*, reflects potential bedrock and surficial resources. Aggregate resources are usually accessed by surface operations near the sites where they are used, making them prone to sterilization by land-use restrictions.

The Mineral Resource Map Atlas, based on carefully constrained information, will help to reveal these important provincial resources to those who make decisions about land use. The maps also lay the foundation for future Geographic Information System (GIS)-based compilations on mineral resources, an area for which opportunities are virtually boundless. Although the atlas can never be considered a definitive series of maps, since it addresses the future with today's information, the maps produced to date reveal information on the province's resources that was not previously obvious. Hopefully, the atlas will deliver such information to the wide range of professionals who make decisions on the use of land in Nova Scotia.



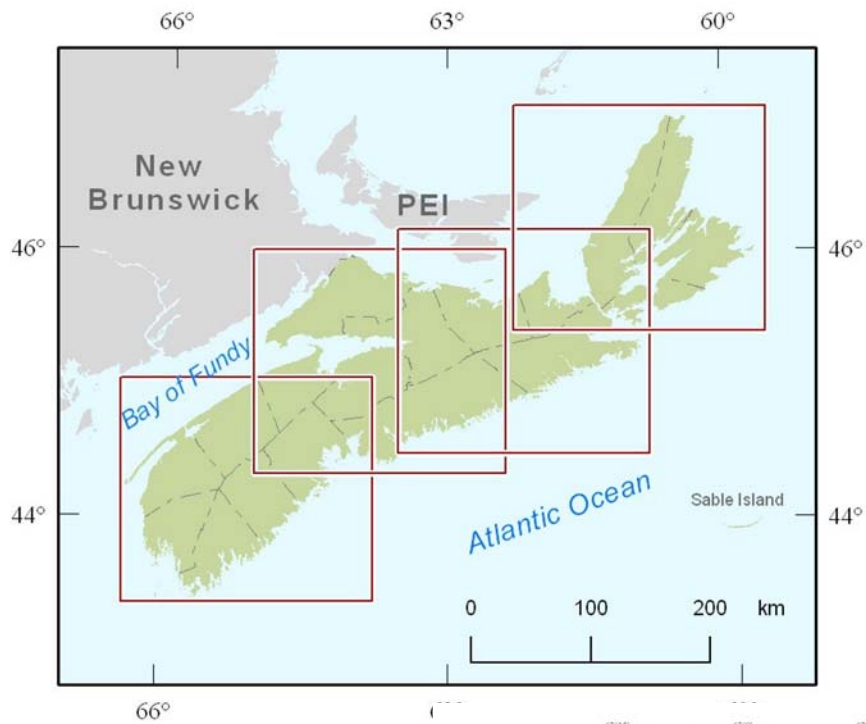
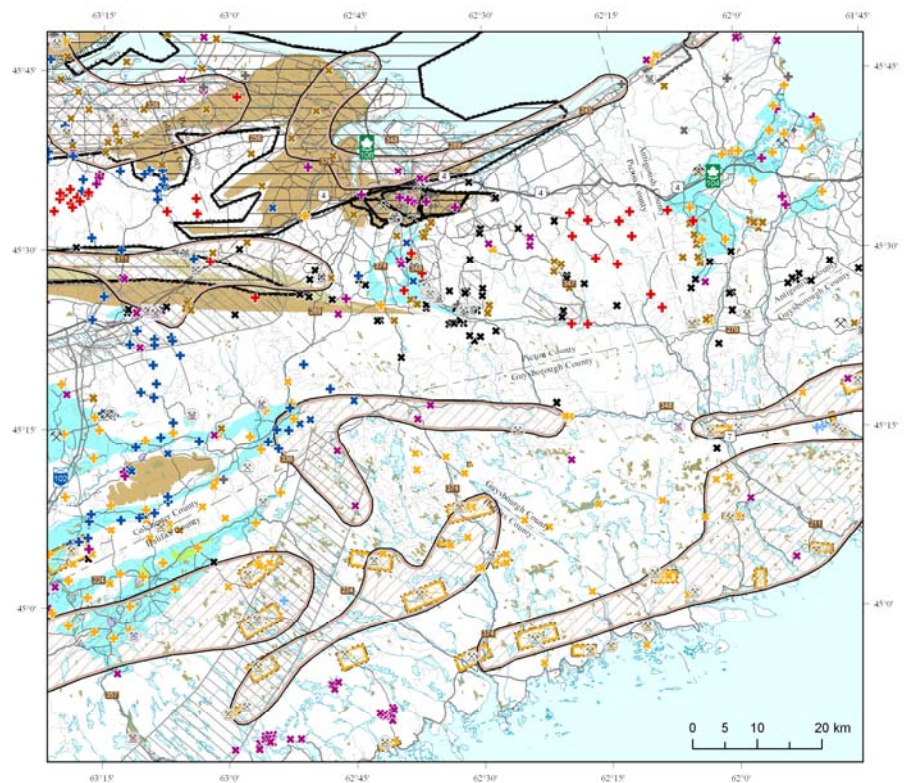


Figure 1. The Mineral Resource Map Atlas consists of three thematic series, each comprising four overlapping map sheets as shown above.

Figure 2. A small section of the Mineral Deposits map series. The map includes gold districts, metallogenic domains, coal basins, peat areas, and occurrences of metallic and industrial minerals. The Windsor and Cumberland groups are shaded.



Farewell to Terry Daniels - Jill Hurlbert, Event Coordinator



On February 20, 2008 more than 90 members of the Mining Association of Nova Scotia, past colleagues of Terry's and students from Dalhousie gathered to wish Terry the best of luck as he leaves retires from MANS after 20+ years of service.

The event took place at Grafton Street Dinner Theatre where everyone was entertained by the cast of the murder mystery *I Shot the Sheriff*. Terry and other members of MANS figured into the script of the cast and made the evening fun.

Throughout the evening, colleagues of Terry spoke about his contribution to the industry, and

Terry's impact in moving the agenda of the group forward. Remarks were given by Blair McMullin, Treasurer of MANS and Dr. Scott Swinden, Executive Director, Mineral Resources Branch, Department of Natural Resources. Gordon Dickie, President, MANS wrapped up the evening with closing remarks, plaque and gift presentation.

Photos, messages from those who were unable to attend and personal note cards collected that evening were forwarded to Terry to remind him of the evening. Special thanks to the Enercan group who sent in some great photos!

Best of luck, Terry!



Canadian Trade Mission to Cuba - Dana Boutilier

EXPORT ASSISTANCE CANADA, in cooperation with the Centro Internacional de Habana, is organizing a Canadian trade mission to Havana, Cuba in the Mining Industry from May 25 - 29, 2008.

During that trade mission, participating Canadian companies will have the opportunity to:



1. Meet the officials from the Ministry responsible for the mining industry and its related agencies;
2. Meet the decision makers of the mining companies in Cuba; and
3. Meet the importers and distributors of equipment and materials.

The mining industry in Cuba is in full expansion. This country has one-third of the world's nickel resources and the world's second largest reserves of cobalt. There is also exploration and production of copper, gold, silver, zinc and chrome. One of the issues Cuba is facing however is that it has inadequate resources to fully exploit its mineral potential. There is also a lack of expertise and services to fully support all of its mining operations.

There are opportunities for the following:

- machinery, equipment and materials for exploration;
- machinery, equipment and materials for extraction, production and processing;
- expertise, services for exploration, production, processing
- service companies capable of handling support functions;

If you are interested to join the delegation or want more information about this event, you may communicate with us at the following e-mail address: info@exportassistance.ca or by telephone at (514) 395-8669.

Our team has organized numerous trade missions in Cuba in the past few years. We are qualified to help all participating Canadian companies to enter in this very promising export market.

2007 Scholarship Recipient Award Winner - Sarah Hindle, St. Francis Xavier



MANS is pleased to announce that Sarah Hindle of St. Francis Xavier University has been awarded the Mining Association of Nova Scotia's Scholarship for 2007.

Sarah has a keen interest in economic geology and business and intends to pursue graduate studies at the Institute of mining Engineering at the University of British Columbia.

Best wishes for your future Sarah.

Notes on the Nova Scotia Round Table on Environment and Sustainable Prosperity - Gordon Dickie, MANS Representative

In conjunction with amendments to the Environment Act (2006), a new Round Table is required with a mandate to advise the Government on broad issues of environment and sustainable prosperity, by integrating environmental sustainability and social prosperity. The Round Table is tasked with bringing stakeholder perspectives to the guiding principles reflected in the Environment Act. The advice offered will contribute to informed decision-making on environmental policy, priorities and goals that affect the well-being of Nova



Scotian's and the future of economic and environmental sustainability of “the New Nova Scotia”.

The Round Table is comprised of 18 members. Twelve organizations or sectors are represented. This is the category under which MANS sits. Up to six members are selected by advertisement in the categories of legal, consultant, university or other appointment by the Minister. The appointment is for a term of 3 years.

The Round Table is an advisory group. Tasks include advising the Minister on the annual report to the House of Assembly, review the Environmental Goals and Sustainable Prosperity Act (EGSPA) and regulations every 5 years, evaluate and assess broad environmental and economic sustainability issues referred by the Minister share perspectives about environmental sustainability and its relationship to economic and prosperity trends and more.

To Date; Two meetings have been held. The representation is consistent with the Act. The Round Table has reviewed the annual report and made comment. The business is conducted in a professional manner and all members have ample opportunity to participate. The Minister has addressed the group and has reinforced the importance of the Round Table and how he will rely on the group to provide advice on a wide variety of issues.

I would advise all members to read the Environmental Goals and Sustainable Prosperity Act (EGSPA). Comments from many politicians and civil servants indicate that there may have been little understanding about what the act was about in detail at the time it was passed but now that it is the “law of the land” it is clear that there is great pressure to devise and execute a plan to comply with the targets and time lines in the law. It is also clear that for the first year or so, the focus is on the environment side of the Act and little effort has gone into the sustainability piece. There are several members of the Round Table who recognize this potential problem and will continue to focus on the “economic sustainability” section of the Act. As with other major issues that affect our industry, we often find ourselves dealing with legislation after the fact. This is no exception. We need to continue to dialogue with Government on a regular basis and get in the loop much earlier in the process. That is what a new MANS will do.

2008 Annual General Meeting April 1 and 2 - Michelle Landreville, Executive Director

Our Annual General Meeting was held, once again this year, at the Best Western Glengarry in Truro. While the location was the same as previous years, the program was quite different. We ran the event over two days allowing for increased opportunities for networking...something that many new members enjoyed. There were some very interesting technical sessions including presentations from Dr. David Wheeler, Dean of Management at Dalhousie University, Michael Cox, Director of Lands, Environment & Natural Resources for The Confederacy of Mainland Mi'kmaq, Bruce Stewart, Cultural Resource Management Group Ltd., Gary Ellerbrok, Xstrata Coal, Tyler Finch, Chubb Specialty Insurance, Peter Geddes and Lorrie Roberts, Nova Scotia Department of Environment and Labour.

Our business meeting was interesting as always. Our now Past President Gordon Dickie and our new President Peter Oram provided their reports on past and future activities. The Executive Director Michelle Landreville reported on activities as they relate to our



strategic plan. The business meeting also allowed an opportunity to unveil our new logo and some possibilities for swag. All were well received by participants.

One new facet of the meeting was a social event on the first night. Participants enjoyed a lovely dinner and some exciting entertainment. A number of spouses were able to join in the festivities and everyone was amazed by Merlin's magical ways. Lead roles in the presentation were played by Jennifer Wilson our newest staff person and Gordon Dickie – both were real sports in helping out with the act. A special tribute was also given to Gordon for his dedication in moving from the Chamber of Mineral Resources to the Mining Association of Nova Scotia.

The breakfast meeting the next day saw the Minister of Natural Resources addressing the group. His candid comments were appreciated by all and his announcement of a \$75,000 grant for the Association was received with applause.

By all accounts, the meeting was a great success and we look forward to next year.

A Summer of Sustainability and Corporate Social Responsibility Learning in Halifax, Nova Scotia

This summer, Dalhousie University's Faculty of Management and Saint Mary's University Sobey School of Business will be presenting a series of intensive, five-day courses designed for graduate students and executives wishing to advance the application of values-based management in their leadership practices. Participants will leave with a better understanding of the role that corporate social responsibility and sustainable business practices play in building businesses, organizations and societies that prosper.

Delivered by leading academics with the assistance of select guest lecturers, each course will provide attendees with:

35 hours classroom learning per course

All course materials

Optional evaluation (for academic credit-based attendees)

We are lucky Dr David Wheeler has offered MANS members a special discount. If 5 members are interested, they could register for \$1,500.00 each. If 10 members are interested, they could register for \$1,000.00 each. Please contact Maggie Morrison at Dalhousie University (mgmtadm@dal.ca) to register.

