

Nova Scotia

Minerals Update

Department of Natural Resources, Mines and Minerals Branch

*Volume 1 / Summer 1994***THIS ISSUE:***Mines and Minerals Branch
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If you have any comments or
questions about *Minerals
Update*, please call or write:

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Nova Scotia

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Mines and Minerals Branch Launches "Minerals Update"

This is the inaugural issue of our newsletter, Minerals Update. We would like all of our clients to know more about the work of the Mines and Minerals Branch, changes in the Mineral Resources Act, and information about the mineral industry in Nova Scotia. The Branch will be publishing Minerals Update each quarter. Regular features will include a quarterly look at staking and mineral production statistics, and assessment files that are newly open to the public. We'll review the current Branch projects, who is leading them and where they are located.

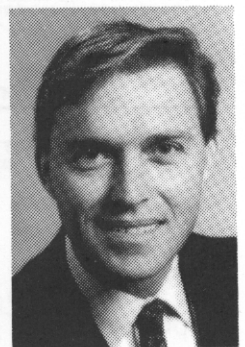
Greetings from the Minister

I am delighted to introduce the first issue of Minerals Update. We would like you to know more about the Mines and Minerals Branch and its activities. This newsletter and other promotional activities mark a new direction for the Department and the Branch.

In the past six months we have expanded our promotion of Nova Scotia's mineral wealth through trade shows, a dedicated mineral promotion geologist, and visits to exploration companies. At the Prospectors and Developers Association of Canada meetings I

met with senior executives of Canadian mining companies to tell them more about the opportunities in Nova Scotia. I will continue to assist in promoting the province's mineral wealth.

Our Department has committed itself to actively encouraging mineral exploration and development in Nova Scotia. As Minister of Natural Resources, I can assure you that the Government of Nova Scotia welcomes investment in our mineral industry. This is part of our strategy for growth and community economic development.



*Honourable
Don Downe, Minister*

*Let me know
how we are doing.*

Mineral Policy Development

The Mines and Minerals Branch began work on the development of a Mineral Policy for Nova Scotia in January, 1994. A steering committee oversees the process of developing a mineral policy with representatives of provincial government departments, the Chamber of Mineral Resources and the minerals sector of Voluntary Planning.

Staff of the Mines and Minerals Branch prepared a background

paper, *Mining into the Future*, that presents the main issues facing the mineral industry. The background paper provided the necessary information to begin discussions with various stakeholders about the development of a mineral policy. During late May and early June, three focus group meetings were held at Bridgewater, Truro and Baddeck to hear the concerns, opinions and ideas of stakeholders.

The comments from these meetings and the issue descriptions from *Mining into the Future* will form the information base needed to prepare the draft Mineral Policy for Nova Scotia. In the early part of the Fall, the draft of the mineral policy will be available for public review. If you have any questions or comments, please call Howard Donohoe at 902-424-7199 (FAX 902-424-7735).

Words, Magic and Minerals: A Success Story

Five years ago the Regional Corporate Affairs group of Natural Resources Canada (formerly EMR Canada) started a schools program in junior highs around the province. The purpose of the program is to inform students and teachers about minerals and mining in Nova Scotia. In the last three years, elementary schools were added to the program. Funding for the program is secured from the Communications Program of the Cooperation Agreement on Mineral Development. This year the entire program was funded by the Nova Scotia Department of Natural Resources.

The idea of the schools program is simple: Give students a sense of the importance of the mineral industry and show, in a tangible way, the products derived from mineral resources. The junior high school talk is aimed primarily at grade nine, the natural resources unit of



Elementary schools presenter Allyson Finden shows a student where granite is found in Nova Scotia.

the Maritime Studies program. Elementary students learn about minerals, rocks and mining through hands-on, interactive activities. These activities reinforce the themes found in the elementary science curriculum.

The key to success is the presenters. During the five years of the schools program, everyone has been delighted with the program. Each of the presenters has had extensive teaching experience and all have been trained in relation to the mineral industry.

Does magic have a role in the success of this program? Of course! The junior high schools presenter, Ed Hanczaryk, uses a variety of magic tricks to reinforce his teaching points. And they learn about minerals and mining in Nova Scotia and the many uses for mineral commodities.

Allayson Finden uses small groups in elementary schools for discovering rocks and minerals and their use in everyday life. The fun of discovery is present for the students.

Do you have children in grades four to six and grade nine in Nova Scotia? Chances are, they know about this program. We have been to most elementary schools and all of the junior high schools in the province.

Atlantic Canada Rock Room A Great Success

At the 1994 PDAC convention prospectors, mining companies, industry associations and government mines departments from Newfoundland, New Brunswick and Nova Scotia combined their resources to hold the second Atlantic Canada Rock Room. Located on the main convention floor in Salon A, the Rock Room drew a large proportion of the 3200 people attending the convention.

Nova Scotia had its main display in the Rock Room with seven companies and individuals. Colpton Resources, Ecum Secum Enterprises Ltd., Gold and Crystal Minerals, Synmap Technologies

Ltd., Tri-Explorations Limited, Lyndon Jensen, Craig Miller and Patrick Whiteway all had displays.

Gold was the metal of choice and interest although many companies were discussing opportunities for base metal exploration. All of the Nova Scotia displays generated considerable interest. Several people and companies had commitments from junior and senior mining companies for further discussions or field visits.

During the convention, the Rock Room was the location of a Sunday evening reception hosted by the mineral industry associations and government departments of Atlantic Canada. The ministers from New Brunswick and Nova Scotia, Hon. Doug Tyler and Hon. Don Downe, respectively, welcomed people to the reception.

On Monday afternoon, mines ministers from Atlantic Canada joined Premier Clyde Wells of Newfoundland in a ceremonial signing of a claim stake to symbolize the grassroots nature and importance of mining.

Everyone who attended the Rock Room as either a participant or visitor was impressed with the idea of seeing all of Atlantic Canada at once. The room also showed how three provinces and mineral industry associations have become partners in promoting the mineral resources and mineral industry of Atlantic Canada.

Try A Prospecting Course!

The Department of Natural Resources and the Chamber of Mineral Resources is offering a basic prospecting course. The course is being held in four locations around the province: Yarmouth, Halifax, Stellarton and Sydney.

The prospecting course is eight

weeks in length and meets once a week for 2.5 hours. Two all day field trips and one all day workshop are included in the course and are scheduled by the instructor after discussions with the class. Course participants receive a variety of course materials, handouts and maps. The course fee is \$80.00.

On successful completion of the course, graduates who have no previous experience in prospecting may be eligible for the Prospector Assistance Program (PAP) benefits. For more information about the PAP, please call Derek Johnston at 424-8145.

The Department and the Chamber will be offering more courses through the year. If interested in taking the course, please call the Chamber of Mineral Resources at 422-5806 and leave your name, address and phone number.

Promoting Our Worth

Promoting Nova Scotia's mineral resources and mineral potential is important work. It pays off with increased mineral exploration, possible mine openings and all the important economic benefits from an active mineral industry.

The Mines and Minerals Branch has been promoting a scientific appreciation for Nova Scotia's mineral potential for many years. Geologists from the Department have attended scientific meetings to describe the geological framework of the province and its mineral deposits.

Now competition for exploration dollars is tight. In order to meet this challenge the Mines and Minerals Branch and the Chamber of Mineral Resources of Nova Scotia are working together. The Chamber has held four contracts with the Department, funded by mineral development agreements to increase public awareness and promote the province's mineral potential. Together, the Chamber

and the Department are promoting the province as a destination for mineral exploration.

What do we have? Look at this list:

- rich and varied geological environments
- simplified staking procedures
- long history of mining
- strong transportation infrastructure
- competitive tax regulation
- comprehensive databases
- extensive drill core holdings
- distinctive geological research
- knowledgeable professional staff

Branch staff have been planning promotional tours of major industry conventions. We began our promotion on the West Coast at the British Columbia & Yukon Chamber of Mines's Cordilleran Roundup during late January. We continued with the Prospectors and Developers Association of Canada annual meeting in early March. During May we had a promotional display at the Industrial Minerals Forum in Halifax.

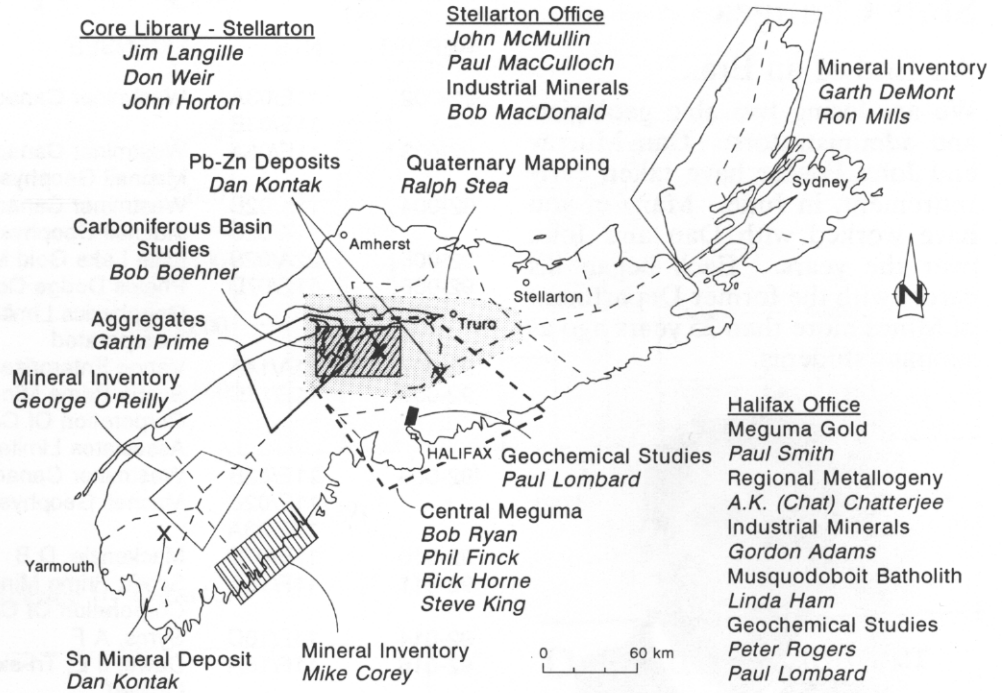
Now the Branch has a full-time mineral promotion geologist, Mike MacDonald, to coordinate our promotion strategy. He will liaise with the Chamber and industry and work with members of the department.



NSDNR gold geologist Paul Smith (centre) discusses the opportunities for mineral exploration in Nova Scotia at the PDAC.

Finding Our Staff this Summer

During the summer field season, we'd like you to know where our staff are working. If you would like to contact any of our professional staff, please call 424-4700; we'll help you make the contact. The accompanying map shows the work locations for our professional staff.



Nova Scotia Mining Week '94

"If it can't be grown, it has to be mined!" This is part of the message that the Chamber of Mineral Resources prepared for Nova Scotia Mining Week '94. During mining week, May 21 to 28, 1994, shopping centre displays, educational days at museums, open houses at mining operations and presentations helped Nova Scotians learn more about their mineral industry.

For the first time in Canada two

provinces, Nova Scotia and New Brunswick, coordinated their mining weeks. Mining associations and government departments from each province and the federal government officially opened mining week through a teleconference

between Halifax and Fredericton on Tuesday, May 24, 1994.

A partnership of Cumberland County School Board, the Fundy Geological Museum in Parrsboro and the Mining Week '94 sponsors created a great success for the end of Mining Week. On May 27, the Fundy Geological Museum hosted an education day that highlighted the Museum's resources, mining and minerals, and dinosaurs. Approximately 350 children from Cumberland County elementary schools attended. The Minister of Natural Resources, Honourable Don Downe, and Chamber President John Hopkinson spoke at a noon time reception in the Museum marking the close of mining week.

The sponsors of Mining Week '94 are the Chamber of Mineral Resources of Nova Scotia, Department of Natural Resources Canada, Nova Scotia Department of Natural Resources and the Mining Society of Nova Scotia.



The official opening of Nova Scotia Mining Week '94. From left to right: John Hopkinson, President, Chamber of Mineral Resources of Nova Scotia, Don Pollock, Chair, Mining Week Committee, Honourable Don Downe, Minister of Natural Resources, Terry Davis, President, Mining Society of Nova Scotia, John Amirault, Master of Ceremonies.

January - June 1994 Open Assessment Reports

Staff Changes

An End of an Era...

We are losing two able geologists and administrators: Dan Murray and John Fowler have taken early retirement, in June. Many of you have worked with Dan and John over the years. Each began his career with the former Department of Mines more than 25 years ago as summer students.



Dan Murray



John Fowler

More Promotion

The Branch now has a full-time mineral promotion geologist, Mike MacDonald, to coordinate our promotion strategy. He will liaise with the Chamber and industry and work with members of the department.

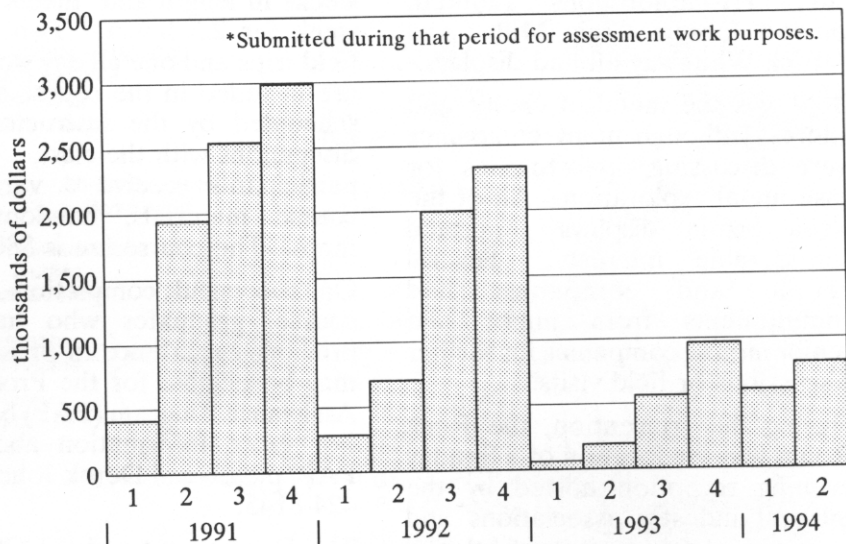
Mike has a B.Sc. from St. Francis Xavier University and an M. Sc. from Dalhousie University. He joined the Department in 1983 and has worked on a wide variety of projects since that time.

REPORT	NTS	LICENSEE
92-002	11E/03A 11E/03B	Westminer Canada Limited
92-003	11E/06A	Westminer Canada Limited; Dunlop, W D; Mertens And Macneil Geophysics Limited
92-004	11K/02B 11K/02C	Westminer Canada Limited; Mertens And Macneil Geophysics Limited
92-005	21A/02B	Little Lake Gold Mines Limited
92-006	11E/07D	Phelps Dodge Corporation Of Canada Limited; Eastern Geophysics Limited.; Jagodits, F L; Scotia Prime Minerals Incorporated
92-007	21A/14A	Vanoc Enterprises
92-008	11F/11C	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited; J M Patterson And Associates Limited
92-009	11E/02B 11E/02C 11E/03A	Westminer Canada Limited; Mertens And Macneil Geophysics Limited
92-010	11E/07D	Mackenzie, D B
92-011	11F/15A	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited
92-014	11F/16C	Syms, A F
92-016	11F/15A	Dawe, J E; Tri-explorations Limited; Rainbow Resources Limited
92-017	11E/06D	Mazerolle, G J
92-019	11E/03B	Westminer Canada Limited; Mertens And Macneil Geophysics Limited
92-022	11K/07D	Corner Bay Minerals Incorporated
92-023	11F/14A	Karmac Resources; Geomapping Associates Limited; Aurion Minerals Limited; Lodestone Limited
92-024	11E/03A	Westminer Canada Limited
92-025	11E/03B	Westminer Canada Limited
92-026	11E/05C 21H/08D	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited
92-027	21H/07A 21H/07B	Boddy, D
92-028	11E/10A	Westray Coal Incorporated; 630902 Ontario Incorporated [Curragh Resources Corporation]; Curragh Resources Incorporated; Century Geophysical Corporation
92-029	11E/08C	W G Shaw And Associates Limited; Benrock Limited
92-030	11F/15A	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited; Jagodits, F L
92-031	11F/10C	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited; Jagodits, F L
92-032	21A/10A	Cuesta Research Limited; Gold Bank Resources Inc.
92-033	11E/04A	Horne, E N
92-034	11F/11C	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited
92-059	11E/05C	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited; Jvx Limited
93-001	11E/09D	Macquarrie, W J; Macinnis, D X
93-005	11E/03A	Westminer Canada Limited
93-006	11F/15A	Scotia Prime Minerals Incorporated; Georho Limited; Phelps Dodge Corporation Of Canada Limited
93-007	11F/16D	Riddell, J E; Telford, W M
93-010	11K/02B	Westminer Canada Limited; Isenor, G P
93-023	11F/11C	Scotia Prime Minerals Incorporated; Phelps Dodge Corporation Of Canada Limited; Quantech Consulting Limited; Jagodits, F L

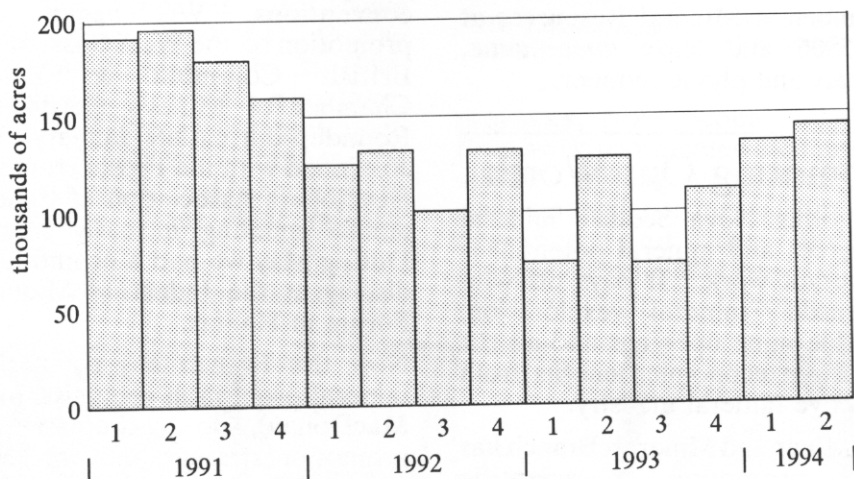
Charting Nova Scotia Statistics

Each quarter we will provide you with a statistical representation of Nova Scotia's mineral industry. The graphic presentations will track such things as total area under licence, reported exploration expenditures, and other subjects. From time to time we will include comparisons of the mineral industry with other sectors of the Nova Scotia economy and between provinces and territories. A variety of statistical information is available from the departmental library, 902-424-8633.

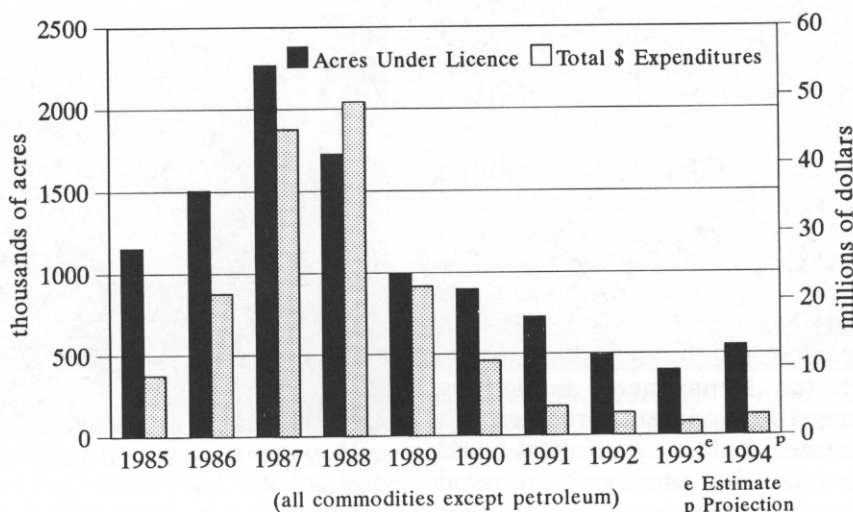
Exploration Expenditures by Quarter (cumulative)*



Acres Under Licence by Quarter



Exploration Trends 1985 to 1994



Dates to Remember

Nov 1 to 2, 1994

Annual Mines, Minerals and Energy Review of Activities; World Trade and Convention Centre, Halifax; Displays, talks, and special sessions about Nova Scotia's mineral resources, geology and mineral potential; For additional information, please call Mike MacDonald, 902-424-2523 (FAX 902-424-7735).

March 5 to 8, 1995

Annual Meeting of the Prospectors and Developers Association of Canada, Royal York Hotel; Atlantic Canada Rock Room; For more information call the PDAC, 416-362-1969.

May 14 to 18, 1995

Annual meeting of the Canadian Institute of Mining, Metallurgy and Petroleum, World Trade and Convention Centre, Halifax; For more information please call George O'Reilly, 902-424-2517 (FAX 902-424-7735).