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Minerals Update

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Natural Resources

Natural Resources Strategy Moves Forward

The Natural Resources Strategy was announced in May 2007 as a three-year process to renew DNR's current policies for forests, minerals and parks, and to create the province's first biodiversity strategy. The strategy is being developed in three phases. Phase 1 consisted of citizen engagement through public meetings held across the province in 2008 and hosted by Nova Scotia Voluntary Planning. More than 2000 Nova Scotians attended the public meetings and more than 600 written and phone submissions were received during Phase 1, making it one of the Nova Scotia government's most successful public engagement efforts to date. Phase 2 will consist of input from technical experts and stakeholders. Phase 3 will see the final development of the strategy. The Natural Resources Strategy is expected to be completed by 2010, as stipulated in the government's *Environmental Goals and Sustainable Prosperity Act*.

On July 23, 2009, Natural Resources Minister John MacDonell announced the appointment of 12 Nova Scotians to guide the development of a new natural resources strategy for the province. The appointments were recommended by a steering panel chaired by former Chief Justice Constance Glube, with members for the expert panels being selected from applications received earlier in 2009. "The steering panel has selected 12 well-qualified technical experts for this second phase of the natural resources strategy process," said Ms. Glube. "The four expert panels will soon begin the job of consulting with stakeholders, and their findings will be reported to the steering panel late this fall." The four, three-member panels of expertise will focus on the key components of the natural resources strategy: forests, minerals, parks and biodiversity. Of particular interest to readers of the *Nova Scotia Minerals Update*, the members of the panel of expertise for minerals are: Dr. Jacob Hanley, a professor of economic geology at Saint Mary's University in Halifax, David Duncan, a retired geologist from Wolfville with extensive mineral industry experience, and Dr. Marcos Zentilli, an emeritus scientist and former professor of economic geology at Dalhousie University in Halifax.

An integral part of Phase 2 of the strategy process will be Department of Natural Resources Liaison positions: temporary assignments for DNR staff members who will work with each of the four panels of expertise (biodiversity, forests, minerals and parks). One staff member from each of the four strategy focus areas has been appointed by Deputy Minister Peter Underwood to each panel of expertise as Nova Scotia Department of Natural Resources Liaison. Qualifications for these liaison positions included a demonstrated ability to speak with a high level of expertise on the member's focus area, a capacity to present broad, global perspectives and trends in the focus area, and a demonstrated peer recognition of the member's high ethical standards and integrity. The DNR Liaison for the minerals panel of expertise is Ian Lawyer, a geologist with substantial experience in private-sector mineral exploration

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Continued from p. 1

before he joined DNR in 1999, first as a Regional Geologist in the Central Region and later as Resource Manager for the Western Region. Ian's role as mineral strategy liaison will include:

- increasing awareness, understanding and appreciation of issues, concerns and recommendations within DNR branches;
- broadening DNR's ability to accommodate new external technical perspectives in order to realize the vision of the DNR Strategy 2010;
- familiarity with new sources of strategy content and inputs to ensure the Phase 3 strategy process reflects the guiding principles of Strategy 2010;
- ensuring the continuity and integrity of information developed in the Phase 2 Report as it is transferred to the Phase 3 Strategy document; and
- recognizing that DNR is one

contributor among many whose input and expertise will help shape the success of the new DNR Strategy 2010.

Under the guidance of the three-member steering panel chaired by Ms. Glube, the four panels of expertise will define the process for researching the issues and themes that emerged during the public consultations held in 2008 (see *Nova Scotia Minerals Update*, v. 24, no 3). These themes were outlined in a report by Voluntary Planning entitled *The Future of Nova Scotia's Natural Resources: Our Common Ground* (<http://gov.ns.ca/govt/vp/NaturalResourcesReport.pdf>). The five citizen values identified by Voluntary Planning are:

- sustainability,
- diversity,
- collaboration,
- transparency, and
- informed decision making.

The panels will seek technical expertise and hold consultations with stakeholders, and will prepare and submit draft reports and

recommendations to the steering panel. The chair of the steering panel will submit the Phase 2 report and recommendations to the Minister of Natural Resources in late 2009. The Minister will then release the report to the public.

The third and final phase of the process will see the development of a strategy to guide the management of parks, minerals, forests and biodiversity using the reports and recommendations from phases 1 and 2, the Natural Resources Strategy 2010 Guiding Principles, and guidelines for the provincial government's strategy development process. The Natural Resources Strategy will guide the Department of Natural Resources and government for the next decade and beyond.

More information on the Natural Resources Strategy is available by visiting the DNR web site www.gov.ns.ca/natr/ and following the link to Natural Resources Strategy 2010.

Mike MacDonald

Mineral Resources Branch Welcomes John MacNeil as Registrar of Mineral and Petroleum Titles

The Mineral Resources Branch of DNR is pleased to welcome John MacNeil as the new Registrar of Mineral and Petroleum Titles. The position was formerly held by Rick Ratchliffe, who retired in May 2009 (see *Nova Scotia Minerals Update*, v. 26, no.2).

John completed his B. Sc. degree with a major in geology at St. Francis Xavier University in 1986. He spent the next six years working for Seabright Resources, and subsequently Westminer, in Nova Scotia and Newfoundland. In 1992 John enrolled in the GIS program at the Nova Scotia College of Geographic Sciences (COGS) in Lawrencetown, Annapolis County. After completing the COGS program in 1993, he worked for GEODAT Information Services in Fredericton, New Brunswick. His experience has included working map- and

ground-staked licences in Nova Scotia, New Brunswick, and Newfoundland and Labrador.

John was hired by DNR in November 2000 to work as a Geologist/GIS Specialist on the federal-provincial Targeted Geoscience Initiative project in Cape Breton Island. When the project ended in 2003, John accepted a position as GIS coordinator for the department's Regional Services Branch (Western Region) in Bridgewater. In 2005, John re-joined the Mineral Resources Branch as Geologist/GIS Specialist in Halifax. John began his new job on June 22 and may be found on the 3rd Floor, Founders Square, or reached by phone at 902-424-8155, or e-mail macneijd@gov.ns.ca.

Alan Davidson



John MacNeil, Registrar of Mineral and Petroleum Titles, Nova Scotia Department of Natural Resources.

Mining Matters 2009 to Focus on Sustainability

This year's Mining Matters conference will address the theme *Towards a Sustainable Mining Industry*. The conference will be held November 16 and 17 at the Westin Nova Scotian Hotel in Halifax.

The Mineral Resources Branch of the Nova Scotia Department of Natural Resources (DNR) has held an annual conference for more than 30 years in various forms, including an initial *Open House and Review of Activities* format to showcase geoscience research and other departmental activities. In 1998 the conference embraced a more inclusive format as DNR planned the event with several partner organizations, including the Nova Scotia Prospectors Association, the Mining Association of Nova Scotia, the Mining Society of Nova Scotia, the provincial Office of Economic Development, and Nova Scotia Business Inc. Two years ago Mining Matters began to feature an industry investment forum as a means to showcase the many facets of the provincial mining industry.

Under the theme *Towards a Sustainable Mining Industry*, Mining Matters 2009 will present the details of recent initiatives such as the Mining Association of Canada's *Towards Sustainable Mining*, the PDAC's *e3 Plus* as well as DNR's *Natural Resources Strategy 2010*. Representatives of government, NGOs, industry and universities will gather to discuss current issues and share strategies to move forward in a collaborative effort for the benefit of the mining industry.

Guest speakers will highlight initiatives in corporate social responsibility and a panel discussion will include open dialogue between representatives from the various groups. Topics of discussion will include environmental protection, occupational health and safety, community and stakeholder engagement, mine reclamation, economic impact, transparency, ethical conduct, due diligence and more. Displays will be presented by the Mineral Resources

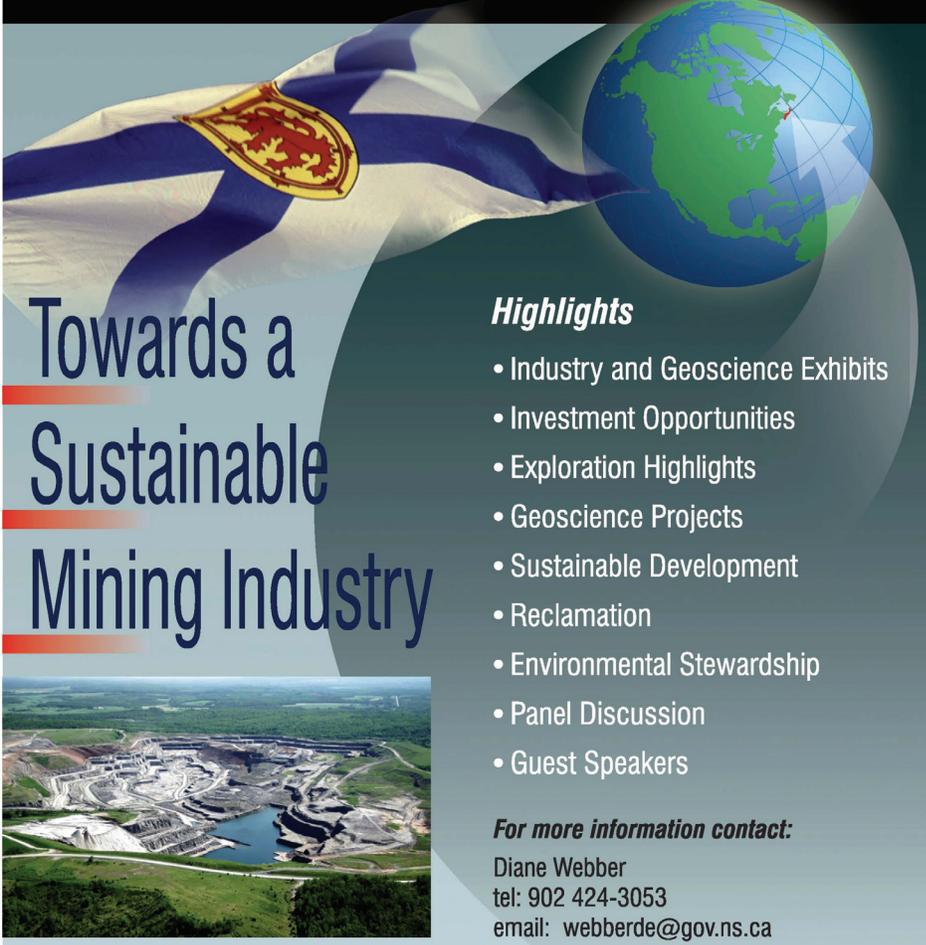
Branch and its co-hosts, as well as companies engaged in mineral exploration, development, mining and investment. The annual Minister's Reception will provide an informal opportunity for delegates to meet the Honourable John MacDonell, who was appointed Minister of Natural Resources on June 19. The reception will also feature an awards ceremony to honour the Nova Scotia Prospector of the Year and this year's winner of the Terrence Coughlan Memorial Award as the outstanding contributor to the

development of industrial minerals in Nova Scotia. This conference will be a perfect venue to exchange information and viewpoints about the mining industry. Information about the conference, online registration, exhibitors' registration, the technical program and accommodations may be found on the website (<http://www.gov.ns.ca/NATR/MEB/OH/index.asp>). For further information, please contact the author.

Diane Webber

Mining Matters 2009 Conference

November 16th and 17th, Westin Hotel, Halifax, Nova Scotia



Towards a Sustainable Mining Industry

Highlights

- Industry and Geoscience Exhibits
- Investment Opportunities
- Exploration Highlights
- Geoscience Projects
- Sustainable Development
- Reclamation
- Environmental Stewardship
- Panel Discussion
- Guest Speakers

For more information contact:
 Diane Webber
 tel: 902 424-3053
 email: webberde@gov.ns.ca

DNR Geologist John Calder Receives Premier's Award of Excellence

On 15 June 2009 Dr. John H. Calder, a senior geologist in the Geological Services Division, received the Premier's Award of Excellence from the former Premier of Nova Scotia, the Honourable Rodney MacDonald. John received this prestigious award in recognition of his role as "a visionary proponent and driving force to have the Joggins Fossil Cliffs inscribed as a UNESCO World Heritage Site." The announcement of the award also noted that John "was responsible for making the scientific case for inscription, providing scientific leadership to the project and to the interpretive displays, building consensus in the community, and co-authoring the nomination application." Former Premier MacDonald presented the award, produced by NovaScotian Crystal, to John and four other individuals and work teams at a ceremony in Halifax.

The Premier's Award of Excellence is the highest honour of the Nova Scotia civil service. It was established by former Premier John Hamm in 2006 as a vehicle to recognize Nova Scotia civil servants for outstanding contributions and achievements. John was nominated by his colleagues in the Mineral Resources Branch and, along with 23 other nominees, was evaluated by a selection panel for achievements in leadership excellence, innovation and creativity, outstanding client service, and creative relationship building.

John's receipt of this prestigious award is a wonderful acknowledgment of the importance of geology to the lives of all Nova Scotians. Inscription of the Joggins Fossil Cliffs as a UNESCO World Heritage Site (see *Nova Scotia Minerals Update*, v. 25, no. 3) is a testament to John's scientific and community leadership, and tenacity. Congratulations John, it took many years, but it was worth the wait and all the hard work.

Mike MacDonald



Former Premier of Nova Scotia the Honourable Rodney MacDonald (R) presents DNR geologist John Calder (L) with the Premier's Award of Excellence in June 2009. Photograph courtesy of Communications Nova Scotia.

122nd AGM for Mining Society of N. S.

The Mining Society of Nova Scotia (MSNS) held its 122nd Annual General Meeting at Dundee Resort from June 4-6, 2009. The overall theme for the AGM was *Economic/Social Challenges - Mining Our Way Forward with Innovation*. Three technical sessions addressed the topics: Mining Operations - Cradle to Grave; Innovative Approaches by Industry Service Providers; and Atlantic Canada's Mining Opportunities. The technical session ended with a panel discussion on how the mining industry in Nova Scotia is meeting the challenges of the recent economic downturn and reduced demand for commodities.

The overall message delivered by outgoing President Gordon Dickie at the closing event on Friday, June 6, was that the Mining Society of Nova Scotia has moved forward on many agendas in 2008-09, including an updated Strategic Plan, the launch of the Mining Society web page, which will give the public better access to the society, and continued communication with important community stakeholders and educational institutions. The MSNS Council has committed to work with Dalhousie University on developing a strategy to create a modern educational environment that will provide students with the potential for innovation that is needed to survive during the up and down cycles in the commodity sector.

The Mining Society of Nova Scotia would like to thank the participants and sponsors of this year's AGM for their continued support of the society and its activities.

Bob MacDonald, P. Eng.
President, Mining Society of Nova Scotia

From the Mineral Inventory Files

Nova Scotia's 1540 Year Old Mine

I recently visited the fascinating Davidson Cove chert-chalcedony occurrence at Scots Bay, Kings County (Fig. 1). The Davidson Cove site has a storied past. It has been known for decades as a prime location for collecting chert, chalcedony, agate and jasper, but its pre-European history is what is most fascinating. Davidson Cove is a registered archeological site and an important location to Nova Scotia's native Mi'kmaq people.

During the late Triassic, some 200 million years ago, Nova Scotia experienced a period of tremendous volcanism along regional rift zones of the Cobequid-Chedabucto Fault Zone. This resulted in extrusion of a voluminous flood of basaltic lava, the remnants of which form the North Mountain (Fig. 1). In the area of Scots Bay, immediately following the volcanism a warm, shallow lake formed on the basalt where lacustrine limestone and sediments were deposited, which ultimately became the Scots Bay Formation. This formation is rare in outcrop but, where exposed, beds and cigar-shaped nodules of chert, chalcedony, agate and jasper lie within 2-3 m of its basal contact. These silicious zones were formed by diagenetic replacement of the limestone, but they also occur as discrete veins and pods both within the sediments and in the underlying basalt (Fig. 2). The most likely driving forces for the formation of the deposits were the tremendous amounts of heat and silicious fluids escaping from the underlying, cooling mass of lava.

The Davidson Cove beds were a major source of materials that were fashioned into tools and weapons for centuries before the arrival of Europeans. Many of the 4,600 lithic artifacts from the Mi'kmaewey Debert archeology collection, which will be displayed at the Confederacy of Mainland Mi'kmaq's Mi'kmaewey Debert Cultural Centre, scheduled to be built in 2012, were quarried at Davidson Cove. Artifacts from Davidson Cove have also been found in many other sites along routes typically

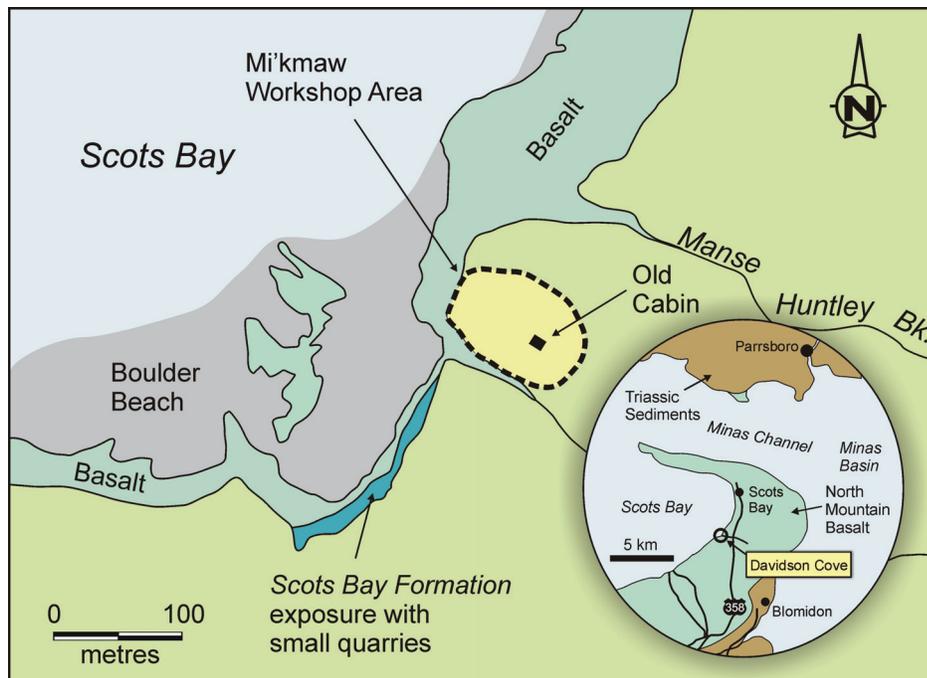


Figure 1. Map of Davidson Cove, Kings County, showing the location of components of the registered archeological site.

travelled by the Mi'kmaq: Bear River, Mersey River, Lake Rossignol, Weymouth and Shubenacadie. The historical significance of the site was not formalized until 1988, following a study by Dr. M. Deal (<http://www.ucs.mun.ca/~mdeal/Anth3291/DavidsonCove.htm>) who, as part of this study, dated charcoal from the workings at 1540±110 years B.P.

When I stepped back to view the site I realized that even though the workings predate by over a thousand years any mine constructed by Europeans, what was before me had all the components of a mining operation. To the right were the beds of chert, chalcedony and agate (the ore deposit). A few tens of metres to the left was the main workshop area where the materials quarried from the cliffs were cobbled and worked into tools (the mine's mill). The workshop area, above tide and beside a freshwater stream, likely served as the living area for the workers (the bunkhouse). Strwn about

below and beside the workshop is a rather substantial layer of flakes and chips of material that were either sub-quality or were fragments hacked from larger pieces (waste rock piles and tailings). The site is clearly a former mining operation, with the distinction that this one is over 1500 years old!

G. A. O'Reilly



Figure 2. Part of the Davidson Cove section showing a small quarry on a jasper vein.

Mining Association Holds Second AGM

The Mining Association of Nova Scotia (MANS) held its second Annual General Meeting at the Citadel Halifax Hotel on April 7, 2009. The program included speakers such as RBC Olympian Hugh Smith, Dr. Josh Leon, Dean of the Faculty of Engineering at Dalhousie University, and Doug Milburn, Chairman and Vice President of Sales and Marketing, Protocase Inc. MANS was fortunate to also welcome the Minister of Natural Resources, the Honourable Carolyn Boli-var-Getson, for a productive visit.

Delegates were invited to participate in technical sessions that addressed the provincial Natural Resources Strategy, strategic communications, Nova Scotia's diverse mineral potential, the provincial regulatory approval process and accessing digital geoscience information. A presentation by Dr. David Wheeler, Dean of the Faculty of Management at Dalhousie, on *Leading in Turbulent Times* was of great interest to the participants.

At the business meeting, the 2009-2010 Board of Directors was approved. We are delighted to announce that Peter Oram (Conestoga-Rovers & Associates) has agreed to serve a second year as President. Other members of the Executive include Paul K. Smith (Acadian Mining Corp.), Gavin Isenor (Lafarge North America), Gordon Dickie (Shaw Resources) and Keith Phinney (consulting engineer). Please visit our web site at www.tmans.ca to check out the rest of the Board of Directors.

During the morning session, MANS recognized Avard D. Hudgins, in person, for his leadership and tireless promotion of Nova Scotia's mineral potential. To ensure that his legacy continues, MANS has established a scholarship in his name for students in Nova Scotia. The day ended with a reception co-sponsored by the Mining Society of Nova Scotia and the Nova Scotia Prospectors Association. MANS would like to thank all those who attended and sponsored this very successful 2009 meeting.

Michelle Landreville

April-June 2009 Open Assessment Reports

Report Number	NTS	Licensee
AR ME 2006-005	11E/06D	Cullen, M P
AR ME 2007-043	11E/02B	Acadian Gold Corporation
AR ME 2007-044	11F/14B	Alva Construction Limited
AR ME 2007-045	11F/04C	Harpell, J
AR ME 2007-046	21H/08D	Hudgins, A D
AR ME 2007-047	21H/01D	Hudgins, A D
AR ME 2007-048	11D/16C, D	Meguma Resource Enterprises Incorporated
AR ME 2007-049	11D/14D	Acadian Gold Corporation
AR ME 2007-050	11E/02B	Acadian Gold Corporation
AR ME 2007-051	11D/12D	Marchant, R L
AR ME 2007-052	21A/02D	Hiltz, K R
AR ME 2007-053	11E/04B, C	United Reef Limited
AR ME 2007-054	21A/06A	Banks, D V
AR ME 2007-055	11E/01A	DDV Gold Limited
	11F/04B	
AR ME 2007-056	11E/01D	DDV Gold Limited
AR ME 2007-057	11E/01D	DDV Gold Limited
AR ME 2007-058	11F/10A, D	Acadian Gold Corporation
	11F/15A	
	11F/16B	
AR ME 2007-059	11F/10A, D	Acadian Gold Corporation
AR ME 2007-060	11E/02C	Acadian Gold Corporation
	11E/03D	
AR ME 2007-061	11F/04D	Grant, S
AR ME 2007-062	11E/16A	Acadian Gold Corporation
	11F/13B	
AR ME 2007-063	11E/02B, C	Acadian Gold Corporation
	11E/04C, D	
	11E/05A, B	
	21H/01A, D	
AR ME 2007-064	11E/04B	Anthony, R C
AR ME 2007-065	11E/08D	Acadian Gold Corporation
	11E/09A	
AR ME 2007-066	11F/09C	Acadian Gold Corporation
	11F/10A, D	
	11F/16B	
AR ME 2007-067	11E/07D	Acadian Gold Corporation
	11E/10A	
AR ME 2007-068	11E/03B	Wightman, J F
AR ME 2007-069	11K/08B	Coastal Construction and Excavating Limited
AR ME 2007-071	11F/15A	Prochnau, J F
AR ME 2007-072	11F/04D	Grant, S
AR ME 2007-073	11F/06A	Schenkels, H F
AR ME 2007-074	11D/15C	Hilchey, A F
AR ME 2007-078	11E/03D	Elk Exploration Limited
AR ME 2007-079	11E/03A	Hilchey, A F
AR ME 2007-081	11F/14D	Grant, S
	11K/03A	
AR ME 2007-082	11E/07D	Ecum Secum Enterprises Limited
AR ME 2007-083	11E/05D	Allen, L J
AR ME 2007-084	11K/01B	Burnt Point Resources Incorporated
AR ME 2007-085	11E/07B	Isenor, G P
AR ME 2007-086	11D/13A	Hilchey, A F
AR ME 2007-087	11E/03A	Hilchey, A F
AR ME 2007-088	11E/04A	Horne, E N
AR ME 2007-089	11E/02B	Allen, L J
AR ME 2007-090	11E/07A, B	Acadian Gold Corporation
AR ME 2007-091	11E/02A	Acadian Gold Corporation
AR ME 2007-092	21H/01A	Gifhorse Resources Incorporated
AR ME 2007-093	21A/07C	Hiltz, K R
AR ME 2007-094	21A/07C	Hiltz, K R
AR ME 2007-095	21A/07C	Hiltz, K R
AR ME 2007-096	21A/07C	Hiltz, K R

Susan Saunders and Norman Lyttle

Acadian Mining Poised for a Comeback

Acadian Mining Corporation (Acadian) is a Halifax-based mining company that owns a zinc-lead mine (Scotia Mine) at Gays River, Nova Scotia, and is exploring and developing other gold, zinc-lead, and barite properties in Atlantic Canada. Acadian holds a 29.18% interest in Royal Roads Corp. (RROTSX-V), which is actively exploring in Newfoundland and Labrador.

From its creation in 2003, Acadian has sought to become the foremost exploration and mining company in Nova Scotia. Under the leadership of company President Will Felderhof, Acadian amassed an impressive portfolio of 29 gold properties, including five (Fifteen Mile Stream, Beaver Dam, Goldenville, Forest Hill and Tangier) at an advanced stage of either exploration or development with combined expenditures estimated at >\$65M. In addition, Acadian also acquired a major interest in base metals in Nova Scotia with its 100% acquisition of ScoZinc Ltd. in 2006. As base metal prices climbed to near all-time highs through late 2007 and early 2008, and the company fine-tuned its mining and milling operations, Acadian share prices reached a 52 week high of \$1.35. As 2008 progressed, however, it became clear that demand was waning for virtually all commodities. The rapid and deep decline in metal prices, particularly after 1 November 2008, and the company's inability to reduce its operating costs quickly enough led to a decline in fourth quarter returns, forcing ScoZinc Ltd. to seek bankruptcy protection in December 2008.

New Partner - New Funding

On 17 March 2009 Acadian announced an agreement with Golden River Resources Corp. to complete a private placement of up to 338,111,334 common shares with gross proceeds to Acadian of up to \$10 million. Proceeds of the offering are being used by Acadian for operational overheads, advancement of its gold properties, repayment of indebtedness to Royal Roads Corp., and discharge of ScoZinc Ltd.'s creditors.

The President and CEO of Golden River Resources, Mr. Joseph Gutnick, is

a successful and well known mining industry entrepreneur. Mr. Gutnick is a Fellow of the Australasian Institute of Mining and Metallurgy, a member of the Institute of Company Directors in Australia and was a Director of the World Gold Council.

In the midst of the devastating collapse of base metal markets in 2008, stable, high gold prices have been an encouraging sign for Acadian. With its large portfolio of gold properties, including five advanced properties (with gold resources of 626,000 oz. measured and indicated, and 1,111,000 oz. inferred), the company is in a strong position to capitalize on precious metal prices.

Production at Scotia Mine

The Scotia Mill processed 2300-2500 tonnes of Zn-Pb ore each day at a planned grade of ~3.6 % Zn and ~1.7 % Pb. Annual production estimates for 2008 were 42-46 million lbs. of zinc metal in concentrate and 19-21 million lbs. of lead metal in concentrate. Two Swiss-based companies purchased the concentrates. Although the market collapse eventually forced ScoZinc to place its operation on care and maintenance, and seek protection under the *Companies' Creditors Arrangement Act*, it has been successful in implementing a restructuring plan with the assistance of Golden River Resources. There are currently ~10 years of available production left at the Scotia Mine based on the 2008 rate of production. Several other mineral discoveries have been made east and west of the mine that could extend the mine's life for many years.

Moving Forward

Large-tonnage deposits of disseminated gold have been studied in Nova Scotia for more than twenty years. Although there has yet to be an operating surface gold mine in Nova Scotia, permits have been acquired for the Touquoy project at Moose River, Halifax County, which is waiting for adequate financing to commence construction and production.

Acadian's Beaver Dam and Fifteen Mile Stream deposits both show potential for an open-pit operation. After exploration throughout the southeastern Meguma Supergroup, Acadian geologists believe that the best potential for this style of deposit is located along a corridor, known as the 'FMS trend', where the Fifteen Mile Stream, Beaver Dam and Touquoy (Moose River) deposits lie.

A diamond-drilling program at Fifteen Mile Stream, comprising approximately 3000 m, is scheduled to begin as soon as possible. The drill program will be mainly designed to expand the currently defined Egerton-McLean deposit, which boasts historic drill intercepts including 102.59 m grading 1.41 g Au/t (cut and uncut) in DDH 87-024 and 102.93 m grading 1.46 g Au/t (cut and uncut) in DDH 87-04. Gold occurs at Fifteen Mile Stream both as coarse nuggets in quartz veins and as disseminated to nuggety gold in the mudstone host rocks. To date, two gold-bearing mudstone units have been identified, with good potential for discovery of more. Approximately 700 m to the west of the Egerton-McLean area, in the same fold structure, an area known as the Hudson area is also mineralized. Drillhole 85-019 in the Hudson area intersected 13.20 m grading 1.95 g Au/t and 10.55 m grading 1.16 g Au/t. These intervals were only 57% and 44% sampled, respectively. Disseminated gold was also identified ~1300 m east of the Egerton-McLean area in 1988; a discovery that has never been followed up. Collectively the three areas constitute the core of the Fifteen Mile Stream property and cover a strike length of 3 km. Acadian controls 45 km of the 'FMS trend' east of Fifteen Mile Stream, 18 km west of the property to the Beaver Dam deposit, and a further 30 km southwest of Beaver Dam.

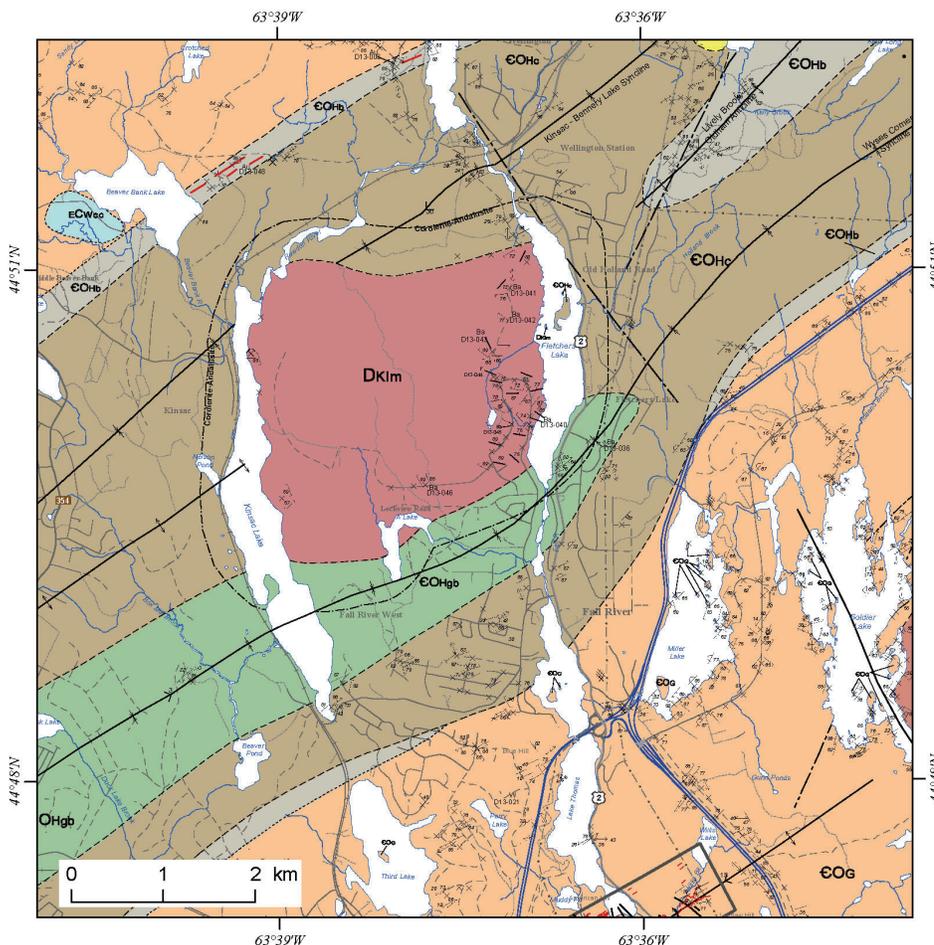
Acadian looks forward to working with its dynamic new partner, Golden River, and is confident of achieving its objective of opening one or more mining operations in the near future.

Paul K. Smith
1st VP, Mining Association of Nova Scotia

Bedrock Geology Maps of the Central Meguma Area Released

After many years in preparation a set of four 1:25 000 scale geological maps for the Mount Uniacke-Waverley area (NTS 11D/13) has been released. The Central Meguma Project began in the mid 1990s as a multidisciplinary geological study of Meguma Supergroup rocks in the central mainland area of the province. The mapping was undertaken by Rick Horne, Bob Ryan, Don Fox and Mike Corey, along with numerous student field assistants. The project started out with Fieldlog® geological input to Autocad® format, and later migrated into Arcview® and finally into ArcGIS®. These various input methods led to numerous delays in migrating the map data into their current state. The project also lost momentum when staff geologists Mike Corey and Rick Horne left DNR, Bob Ryan assumed a management position, and Don Fox left the department at the end of his contract. Many thanks are due to Angie Ehler and the GIS staff of the department for pushing the various geologists involved in the project to complete the final edits of the maps. Lessons learned in the process have contributed to a better understanding of the Meguma Supergroup in the area and to the current mapping methods employed by the department. The maps are designated as Open File Maps ME 2009-2, 3, 4 and 5, and they may be downloaded from the Mineral Resources Branch web site: http://www.gov.ns.ca/natr/meb/download/mg_ofm_pdfs.asp.

Bob Ryan



A small portion of the geological map of the central Meguma area, Nova Scotia.

Special Notes

E-mail Notification

If you would like to be added to our mailing list to receive an e-mail notice when new maps and publications are released, or when a new issue of the *Nova Scotia Minerals Update* is released, please send your e-mail address to minerals@gov.ns.ca.

Report of Activities 2008

The Mineral Resources Branch Report of Activities 2008, Report ME 2009-1, is now available online and in the department library in Halifax. The report comprises 178 pages (49 in full colour) and costs \$20.

Dates to Remember

August 14-16, 2009

Nova Scotia's Gem and Mineral Show, Lions Recreation Centre, Western Ave., Parrsboro, NS. For more information please visit the web site <http://museum.gov.ns.ca/fgm>.

September 18 and 19, 2009

Nova Scotia Department of Natural Resources Open House, Shubenacadie, NS. For more information please watch for updates on the DNR web site <http://www.gov.ns.ca/natr/>.

November 1-4, 2009

Exploration, Mining and Petroleum New Brunswick 2009, Delta Hotel, Fredericton, NB. For information visit the web site <http://www.gnb.ca/0078/minerals/Exmin2009-e.aspx>.

November 5-7, 2009

Mineral Resources Review 2009, Delta St. John's Hotel & Conference Centre, St. John's, NL. For information visit the web site <http://www.nr.gov.nl.ca/nr/mrreview09/index.htm>.

November 16 and 17, 2009

Mining Matters 2009, the Westin Nova Scotian Hotel, Halifax, NS. For more information please visit the web site <http://www.gov.ns.ca/NATR/MEB/OH/index.asp> and see the article on p. 3.