

Northern Mining News

Volume 6, No. 12

December 2013



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From the Editor ...

The end of another year offers us the opportunity to look back and contemplate what has happened in our industry. In a presidential message, our new Chamber President Brooke Clements provides an overview of the many positives that we have experienced, from projects continuing to advance, to legislative and policy developments to help provide investment certainty, to positive announcements from our Prime Minister.

One of these is the tabling of Bill C-15 which governs legislative changes needed to devolve land and non-renewable resources to the NWT Government, AND proposes long overdue regulatory improvements to the Mackenzie Valley Resource Management Act.

Read the great story about the award that has been announced for the developers of the Diavik diamond mine.

More good news comes with the release of a new electrical power Vision for the NWT that proposes the creation of a single power grid to service communities and industry, and for added reliability would be linked to power grids in the south.

Let me take this time to wish everyone a very successful New Year!

Happy reading. ... Ed.

Our Mission: To be the leading advocate for responsible and sustainable mineral exploration and development in the NWT and Nunavut.

Positive 2013 Developments in NWT and Nunavut Exploration and Mining

There were positive developments for the mining and exploration sector in the Northwest Territories and Nunavut in 2013 despite the challenges companies are facing globally. “As we begin a new year, it is helpful to reflect on the many recent positive developments in the NWT and Nunavut including legislative and regulatory initiatives and commitments to invest billions of dollars in mining developments in the coming years.” said Chamber President Brooke Clements.

Many projects advancing

Mining continues to be a cornerstone of the economies in the NWT and Nunavut and multiple projects continue to advance through environmental assessment, feasibility studies, permitting and licensing, and construction preparations.

- In the NWT, the Ekati, Diavik and Snap Lake diamond mines maintained the territory as the third most valuable diamond producer in the world. The largest diamond mine, Ekati, triggered the environmental assessment process to seek approval to mine three more kimberlite pipes that could extend that mine’s life from 10-20 years beyond its currently projected 2019 closure. Tungsten production from the Cantung mine was up, and new exploration on the site could extend its mine life. Four NWT mining proposals are advancing closer to production: Prairie Creek received all permits required to begin construction, and the NICO, Gahcho Kué, and Nechalacho projects received timely Federal ministerial approvals to proceed to the licensing process. Gahcho Kué also received the land use permit required to prepare the site in anticipation of the mine land use permit and water license required for construction and operations being issued in 2014.
- In Nunavut, the Meadowbank gold mine continued its strong performance in 2013, despite the downturn in gold prices. Six mining projects are advancing through the environmental assessment and feasibility study processes. Mary River received a 12-year water license and site preparations are now underway for construction of an early revenue phase iron mine as the approval process nears completion. The Meliadine gold project is undergoing environmental review and the Back River gold and the Kiggavik uranium final environmental impact statements are on schedule for 2014 submission. A robust preliminary economic assessment is breathing new life into the Hope Bay gold project and studies are underway to optimize opportunities for Izok Corridor Project. Work resumed on advancing the Bathurst Port and Road project to support the Hackett River and other deposits.
- While earlier stage exploration activity in both territories was below levels seen in previous years, investors did fund a number of important projects. In the NWT, diamond exploration programs were mounted at Kennady North and in the Lac de Gras and Dehcho regions, and gold exploration was conducted in the Yellowknife and Courageous Lake areas. In Nunavut, encouraging diamond results were reported for the first bulk sample collected at the Chidliak diamond project and additional projects that

were advanced include the Angilak uranium project and the Hackett River base and precious metal project.

Legislative & infrastructure improvements

Governments are taking action to improve the legislative, regulatory, and policy environment as well as infrastructure for exploration and mining.

- The Prime Minister of Canada continued to emphasize his government's support for the North. During his eighth tour of the North, he announced new federal government funding for mine training as well as for continued and significant investment in geoscience research.
- Federal Bill C-47, the Northern Jobs and Growth Act, received royal assent and includes the Nunavut Planning and Project Assessment Act (NUPPAA) and the Northwest Territories Surface Rights Board Act. This fulfils outstanding legislative obligations under Aboriginal land claims agreements and responds to calls for measures to streamline and improve regulatory processes in the North.
- Federal Bill C-15 "The NWT Devolution Act" was introduced in Parliament in December. Bill C-15 introduces legislative changes to support one of the most significant developments in NWT history, the transfer of jurisdiction over land and non-renewable resources to the NWT Government.
- In preparation for devolution and to support its premier industry, the NWT Government launched its first ever *NWT Mineral Development Strategy*, in partnership with the Chamber of Mines, to lay a foundation to sustain and grow the NWT minerals industry and its many benefits.
- Long-awaited changes to the Mackenzie Valley Resource Management Act (MVRMA) were included in Bill C-15. Positive changes include defined regulatory process timelines, a measured approach to consolidate regional Land and Water Boards into one Board, and the authority to establish guidelines for Aboriginal consultation.
- Changes to Federal mining regulations are now underway to bring map staking to Nunavut and to transfer responsibility for land tenure to the NWT Government as part of devolution.
- NWT land use plans were completed in the Sahtu and Tlicho regions. The Nunavut Planning Commission is advancing the draft Nunavut Land Use Plan through public consultations. These plans are bringing more clarity to the rules around exploration and resource development.
- The NWT Government announced visionary plans for infrastructure investment that would benefit industry through its *Corridors for Canada III* transportation strategy and its *Vision for the NWT Power System Plan*, a strategy for hydropower and liquefied natural gas investment.

“Our two great northern territories of Nunavut and the NWT comprise nearly one third of the Canadian land mass, and have some of the most compelling and underexplored mineral potential in the world,” said Chamber President Brooke Clements. “With the support of federal, territorial and Aboriginal governments, we are poised for significant growth in the coming years. Investors are helping to advance a number of mining projects, and we are hopeful that renewed global confidence in our industry this year will lead to increased investment in earlier stage exploration.”

New Federal Bill C-15 for NWT Devolution & Regulatory Improvements

On December 3, the Government of Canada tabled *Bill C-15 – The NWT Devolution Act*, which is a “mini-omnibus” bill containing not only the clauses required to devolve non-renewable resources and land to the NWT Government, but also the regulatory reform clauses for the Mackenzie Valley Resource Management Act.

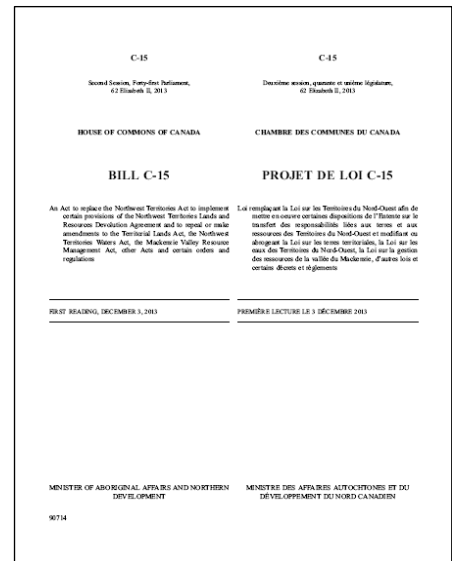
The Chamber of Mines along with The Mining Association of Canada and the Prospectors & Developers Association of Canada continued our efforts to seek changes to the MVRMA clauses until prior to the bill being tabled. We did not get all the changes we wanted and the Chamber will continue to work for regulatory reform.

The Bill will bring some improvements. The MVRMA will finally have process timelines, and there is recognition that work done in an Environmental Assessment should be recognized in a subsequent Environmental Impact Review should a project be bumped to that higher level review process. In addition, the government recognizes that the requirements for Aboriginal consultation are not clear and therefore they propose to develop regulations and we will be consulted in their creation. On our concerns about the consequences of amalgamating Boards, the Minister promises a considered, thoughtful, and consultative approach to advance this process in such a way as to maintain a strong Aboriginal voice and the expertise developed to date.

Some of the changes will take a bit more time to invoke, eg, regulations, which will come after the Bill is passed. And some of the consequences of changes are not yet clear, eg, the new ability granted the Minister to give policy direction to the Mackenzie Valley Environmental Impact Review Board.

The next step in the process is to prepare for public hearings of the House of Commons Standing Committee on Aboriginal Affairs & Northern Development. The Chamber has been invited to present in Yellowknife on January 27 and the Mining Association of Canada has been invited to present in Ottawa on January 30.

The Bill can be downloaded [here](#), and Frequently Asked Question [here](#).



NWT Government’s Vision for power to support industry & communities

Providing clean, reliable, and socially acceptable power for communities and industry is the vision of the Government of the Northwest Territories, as described in their [Vision for the NWT Power System Plan](#) (“the Vision”) released in early December.

“Expanding the NWT grid to connect our existing hydro systems with communities, industry and the rest of Canada will create the backbone transmission infrastructure necessary to transform our energy system, support the potential expansion of the Taltson Hydro facility and unlock our enormous hydro potential,” said Minister Michael Miltenberger, Minister Responsible for the Northwest Territories Power Corporation.

Key elements of the Vision (see attached map) include:

- Existing hydro systems at Snare and Taltson will be connected, which will improve reliability, shift two diesel communities to hydropower and consolidate surplus hydro resources;
- The grid will be extended northeast towards established mines in the Slave Geological Province in order to attract the customer base needed to support the investment and benefit electricity rates;
- The model proposes that the public sector own the transmission network while individual mine customers will pay for transmission spurs to feed into the grid; and
- The grid will be connected to the south in Saskatchewan or Alberta to stabilize the system and tie the Northwest Territories into the North American grid.

“Expansion of the power transmission grid is long overdue and we are delighted to see the NWT Government make it a priority,” said Brooke Clements, President of the NWT & Nunavut Chamber of Mines. “The lack of infrastructure in the North makes it one of the highest cost jurisdictions in which to work. Not only must new mines provide their own transportation infrastructure, but they must also generate their own power, given the lack of power transmission grids. Implementation of this Vision will make the NWT more competitive, and more attractive for investment in mineral exploration and resource development. We look forward to seeing it become a reality.”

The NWT Power Plan can be downloaded from this [website](#) or by clicking directly [here](#).

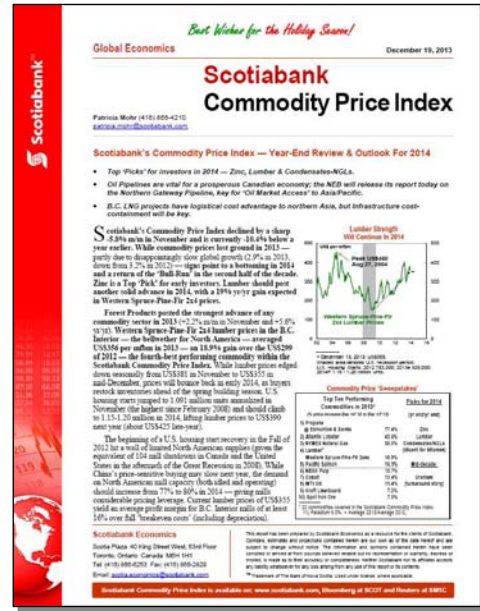
The Backgrounder can be downloaded [here](#). A map of the key elements is attached.



Scotiabank says zinc is “top pick” for 2014

Monthly, Scotiabank’s Vice-President, Economics and Commodity Market Specialist Patricia Mohr provides an analysis of the marketplace and projections for where it’s going. In the December Issue, Ms. Mohr says a “Top Pick” for 2014 includes zinc. Following is text from the newsletter on metal commodities:

The Metal and Mineral Index lost considerable momentum in 2013 (-1.8 % m/m in November & -16.3% yr/yr), as new mine supply in copper and nickel — committed to some time ago — came on stream in a lacklustre global economy. Potash prices were hurt by a random event, Uralkali’s exit from the BPC marketing arrangement and its decision to maximize sales volumes at the expense of prices. Uranium prices also stayed at a low ebb (currently US\$34.50 per pound), with Japan’s 50 nuclear reactors still offline. Gold retreated on a stronger U.S. dollar and prospects for Fed tapering of its ‘asset purchase program’ (US\$85 bn per month of longer-dated Treasuries & mortgage-backed securities); reaction to the Fed’s decision to begin tapering in December has been modest.



Nevertheless, copper remains one of the most lucrative of all commodities; current LME prices at US\$3.28 per pound yield a profit margin of 30% over full breakeven costs (including depreciation). The ‘red metal’ is ending the year on a firm note — buoyed by optimism for a moderately stronger global economy in 2014; we expect 3.5% GDP growth. U.S. industrial production advanced by 3.2% yr/yr in November and the Purchasing Manager Index for Europe in December was the second highest since mid-2011 (with strength in Germany). Zinc has only edged down in 2013 and is a ‘Top Pick’ for investors for the next several years.

To read the entire newsletter or to subscribe, click [here](#).

Sabina newsletter provides Back River Project Update

Sabina Gold & Silver Corp. has released their fall newsletter providing a detailed update on their proposed gold mining operation about 500 km northeast of Yellowknife in the Kitikmeot region of Nunavut. It is hosted on a website devoted to the project: www.backriverproject.com.



The Back River Project consists of three components: the main site called the Goose Property would host mining and processing facilities; the George Property about 70-km away would host only mining operations; and the Marine Laydown Area in southern Bathurst Inlet

would be a staging area to receive and store freight before transporting on a winter road to the mine sites.

Some highlights of the proposed mine include:

- Site Preparation – 2 years from 2014-2016
- Construction – 2 years from 2016-2017
- Mine Operations – 10 years from 2017-20127
- Reclamation & Closure – 10 years from 2027-2037
- Post Closure Monitoring – 5 years from 2037-2042

Download the document [here](#) or click on the thumbnail.

Diavik developers to receive diamond award

Technical challenges abound in the North, and building world class mines in this higher cost and remote environment takes courage, faith and skill. Building the Diavik mine was not an inconsequential investment at the time, costing \$1.3 billion to achieve initial production. That investment has expanded since then through the construction of an additional water retention dike and the subsequent transition to what is now an all-underground mining operation. An equally daunting challenge facing mining projects is acquiring a social license to operate and, as the second diamond mine to be proposed in the NWT, Diavik had to try harder. The project leaders built a local team, with a local focus, and in addition to committing to the highest levels of local Aboriginal employment, Diavik also took innovative steps to use the mine as a foundation for many new Aboriginal businesses.

These efforts by the Diavik developers are now being recognized.

In mid-December, the Association for Mineral Exploration British Columbia (AMEBC) announced the 2013 recipients of its annual awards presented to individuals or teams for significant contributions to the mineral exploration and development industry. One of their awards, the Hugo Dummett Award, is made for *Excellence in Diamond Exploration and Development* and it selected three individuals for their work in developing the NWT's Diavik diamond mine: **Rod Davey, Stephen Prest** and **Robert Gannicott**. These gentlemen played key roles in the successful development of the Diavik Diamond Mine in the Northwest Territories, Canada's largest producer of diamonds.

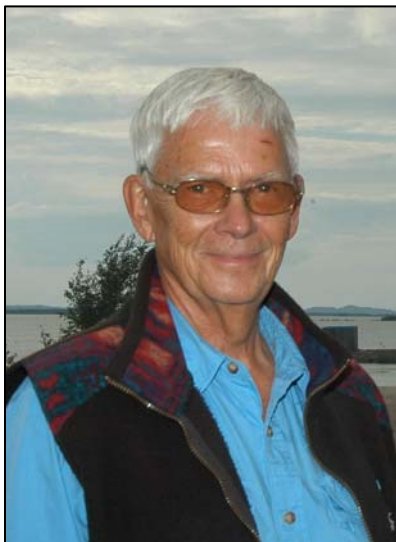
In 1996, Rio Tinto nominated **Rod Davey** to be the first President of Diavik Diamond Mines Inc. Rod launched the Diavik project onto a solid path of development, building a fine team of national and international mining, engineering and processing experts. Under Rod's direction, the engineers travelled the globe to learn about dikes, and in the end proposed a completely new and untried design. He took a new step to build a local team to advance community relations and community participation. He visited communities meeting Aboriginal Elders, youth and leadership alike, and there are many in the communities who still speak fondly of Rod Davey for his respectful approach.

Dr. Stephen Prest replaced Rod upon his retirement, and became Diavik’s second president in 1999. His most immediate and formidable task was to see the project through the final, crucial stages of permitting in order to get a construction decision, and then translating all of Diavik’s complex engineering and innovative community plans into action. With the help of seasoned and accomplished construction and engineering managers and consultants, and his local communities’ team, Stephen took Diavik into production in early 2003, under budget and several months ahead of schedule.

Robert Gannicott led Aber Resources, the 40% partner in the Diavik mine project that had the Diavik claims staked in 1992 and then launched the original exploration programs shortly thereafter. Aber had to fund its 40 percent interest if they wanted to retain their interest in whatever discovery might emerge. As a junior exploration company, Aber was challenged to continually market itself as an exciting and potentially lucrative investment so that it could raise the \$420 million in funding required to meet its 40 percent commitment. Under Bob’s leadership, Aber was positioned as a uniquely attractive investment – one that had a committed and accomplished multi-national mining partner, and in a stroke of genius, a deal that guaranteed Aber would also receive 40 percent of all the rough diamonds the mine would produce. This right to take rough diamonds rather than cash profits gave Aber a unique position as a future diamond seller, and a player in the diamond business.

“It is an honour to congratulate this year’s award recipients,” said Brooke Clements, President of the NWT & Nunavut Chamber of Mines. “The success of our strong NWT diamond mining industry and its contributions to the NWT’s economy is due to individuals like Rod, Stephen and Bob, who had the vision and drive to see the opportunity that Diavik presented. We are very pleased to see that their work is being recognized by one of Canada’s largest mineral exploration associations.”

Congratulations Rod, Bob and Stephen!



Award-winning diamond developers, from left to right: Rod Davey, Bob Gannicott & Stephen Prest.

Mining Industry releases 2013 Towards Sustainable Mining Progress Report

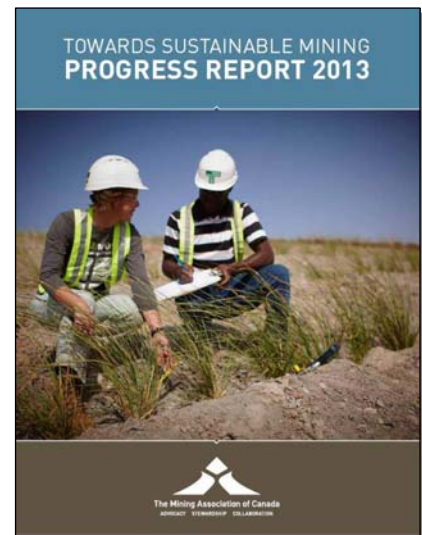
The Mining Association of Canada (MAC) has released its ninth annual Towards Sustainable Mining (TSM) Progress Report. The 2013 report takes a detailed look at MAC members' 2012 performance in the initiative's three focus areas - communities and people, environmental stewardship, and energy efficiency.

"This year's TSM results have reinforced our confidence that TSM is taking the Canadian mining industry in the right direction," said Pierre Gratton, MAC's President and CEO. "When we first embarked on TSM, the membership set out to improve the environmental and social performance of Canada's mining industry by implementing mandatory public reporting and third-party verification of performance against rigorous performance standards. Now, after nine years of applying TSM, MAC members can demonstrate significant, meaningful progress in key performance areas that Canadians can have confidence in."

The 2013 *TSM Progress Report* takes a detailed look at MAC members' efforts to contribute positively to the communities where they operate. The report includes facility-level results for 20 member companies of which five companies went through external verification. TSM is the only system in the world that includes public reporting of third-party assured site-level performance for the mining sector.

The ninth annual report shows steady improvement in company results, including such highlights as:

- An average increase of 10% year-over-year in the number of facilities reporting a Level A or higher across the indicators for Aboriginal and community outreach, crisis management planning, energy use and greenhouse gas emissions management, and tailings management.
- In the area of tailings management, 92% of facilities reported implementation of an operation, maintenance and surveillance manual that adheres to industry best practices. This is an increase of 18% from 2011.
- The number of facilities assessed at a Level A or higher for demonstrating best practices in communicating and engaging with communities of interest, including Aboriginal communities, increased by 19% to 88% from 2011 to 2012.



For the first time, performance data for biodiversity conservation management, and safety and health—TSM's two new protocols—are presented in the report. Next year, these results will be published on a facility-by-facility basis.

Participation in the TSM initiative is mandatory for all MAC members. TSM is a performance-based program that was developed by MAC and its members to help mining companies

evaluate and manage their environmental and social responsibilities. The program's main objective is to enable mining companies to meet society's needs for minerals, metals and energy products in the most socially, economically and environmentally responsible way. In essence, TSM ensures companies are operating in a way that aligns with evolving societal priorities and expectations as they relate to community engagement, safety and health, energy use and the environment.

To download, click the [2013 TSM Progress Report](#), and to learn more about the initiative, please visit www.mining.ca.

NWT Species at Risk Annual Reports 2012-2013

The NWT Government's department of Environment & Natural Resources has released three new environmental publications.

The first of these is [Ecological Regions of the Northwest Territories: NORTHERN ARCTIC](#), which covers the northern-most Arctic islands in the NWT from Nunavut to the Beaufort Sea. This work completes the entire Ecosystem Classification Program, and is the last in a series of 5 reports. The GNWT reports it is now using a state-of-the-art ecosystem classification to assess changes to NWT landscapes.

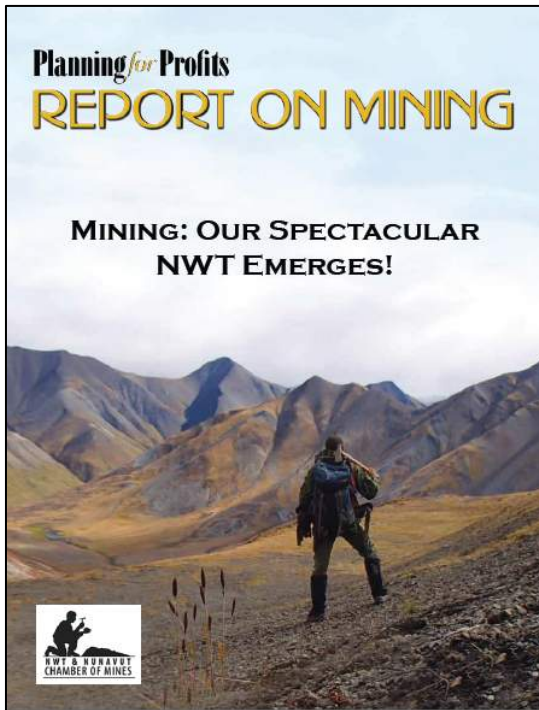
The second publications are the [Annual Report of the Species at Risk Committee](#) and the [Annual Report of the Conference of Management Authorities](#). They are available on-line at www.nwt-speciesatrisk.ca as part of the requirement under the Species at Risk (NWT) Act to make this information publicly available.



Two new Chamber publications released

The Chamber of Mines has released two new publications. The first is our annual glossy, [Mining North](#), which we release at the Geoscience Forum. The second is a special publication to help market the Northwest Territories, titled: [Mining: Our Spectacular NWT Emerges](#).

Click [here](#) for the Report on Mining and [here](#) for Mining North to download them.



Welcome New Members!

On behalf of all of our members, we would like to welcome the following new member to the Chamber of Mines. We encourage your support of their business. Please join us in a warm welcome to:

- **JSL Group of companies** – JSL has been operating in the Northwest Territories for 42 years. They have been involved in projects in almost every community in the north, providing mechanical expertise for the construction of schools, hospitals, commercial, residential and industrial buildings, for both institutional and private sector customers. More recently, they have grown into Alberta's booming market. Click [here](#) to learn more about JSL.

Member News Releases this past month

Click on the news release headlines which are live links for news releases issued by our member companies this past month.

- 3 January 2014 - North American Tungsten Corporation Announces Debt Extension and Debenture Issuance
- 2 January 2014 - A Happy New Year to all Kivalliq Energy Stakeholders
- 31 December 2013 - Platinum Group Metals Announces Closing of Public Offering of Common Shares
- 30 December 2013 - Advanced Explorations Inc. Completes Initial Stage of Tuktu 2 Framework Agreement
- 30 December 2013 - Advanced Explorations Inc. Announces Closing of First Tranche of Non-Brokered Private Placement
- 23 December 2013 - Diavik recertified to ISO and OHSAS standards
- 20 December 2013 - Agnico Eagle announces investment in Pershimco Resources Inc.
- 19 December 2013 - Richard Kraus Appointed a Director of Seabridge Gold
- 19 December 2013 - MMG - Queensland zinc – strategic update
- 19 December 2013 - MMG - 2013 Mineral Resources and Ore Reserves update
- 19 December 2013 - Peregrine Completes \$3 Million Private Placement
- 18 December 2013 - Nighthawk Enters into Option Agreement to Acquire Kim and Cass Properties in Northwest Territories
- 17 December 2013 - INDUSTRY BULLETIN: China Announces First Half 2014 Rare Earth Export Quotas: Little Changed From 2013
- 17 December 2013 - Peregrine Announces \$3 Million Private Placement
- 12 December 2013 - Avalon's Nechalacho Project Metallurgical Process Optimization Yielding Improved REE Recoveries
- 11 December 2013 - Dominion Diamond Corporation Reports Fiscal 2014 Third Quarter Results

Calendar of Events

- **Mineral Exploration Roundup**, The Westin Bayshore, Vancouver, January 27-30, 2014. To learn more, click [here](#).
- **Northern Lights 2014**, Ottawa Convention Centre, a joint venture of the Labrador North and Baffin Regional Chambers of Commerce. Jan 29 - Feb 1, 2014. Click [here](#) for more.
- **1st annual, Natural Gas for High Horsepower Canada Conference & Exhibition**, February 10-11 2014, Sheraton Cavalier Hotel, Calgary, Canada. Learn how to displace conventional fuels with Liquid Natural Gas (LNG) or Compressed Natural Gas (CNG) to lower your operating costs and environmental impact. Click [here](#).
- **Arctic Ambitions**, February 27-28, 2014 in Girdwood, just south of Anchorage, Alaska. The event focuses exclusively on business development in the Arctic, with the participation of Alaska, Canada, Russia, and Scandinavia. For more information and to register, visit: www.wtcak.org.

- **PDAC 2014 International Convention, Tradeshow, and Investors Exchange**, March 2-5, 2014, Metro Toronto Convention Centre South. Visit: <http://www.pdac.ca/convention>
- **2014 Nunavut Mining Symposium**, April 7 – 10, 2014, Iqaluit, NU. Visit: <http://www.nunavutminingsymposium.ca/>
- **Northern Regions Mining Summit**, May 28-30, 2014, in Vancouver, BC will address the social, cultural and economic impact and opportunity of mineral resource development for Northern peoples in Alaska, Canada and Greenland. Organized by Institute for the North. Click [here](#) for more or visit: www.institutenorth.org/NRMS.

A photograph of an astronaut in a white spacesuit working on the exterior of a space station. The astronaut's helmet visor is coated with gold. A small white box with the chemical symbol 'Au' is overlaid on the visor. The background shows the Earth's blue and white clouds from space.

**ANCIENT. MODERN.
VALUABLE. CANADIAN.**

Since the beginning of civilization, metals like gold have been precious. Today, astronauts won't leave earth without it.

The visor of an astronaut's helmet is coated with a layer of gold to protect their eyes from the sun's rays and intense heat.

Canada is one of the world's leading mining countries, and our minerals and metals are in demand all around the world.

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**CANADIAN
MINING**
What will they find next?

A message from the Mining Association of Canada.

Mines & promising Northwest Territories mine projects

The following table describes a number of leading mineral development projects in the NWT.

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	Dominion Diamond Corporation , Chuck Fipke and Stu Blusson	Diamonds	Canada's first and largest diamond mine, 310 km. NE of Yellowknife. Open pit and underground. Mine life to 2019. Workforce approximately 1,500.	Q2 news release – Since DDC bought Ekati in April, the mine produced 0.4 million carats from 1.0 million tonnes of ore for an average grade of 0.41 cts/tonne valued at over \$300/ct. In October 2013, the Company filed an application with the WLWB requesting a new land use permit and a Class A Water License for extension of the Ekati Diamond Mine to include the Jay and Cardinal kimberlite pipes (the "Jay-Cardinal Project"). The Jay-Cardinal Project involves the development of the largest diamondiferous resource in North America. It has the potential to extend the operating life of the Ekati Diamond Mine in the order of 10 to 20 years beyond the currently scheduled closure in 2019. The development and mining of these kimberlites is the cornerstone of Dominion Diamond Corporation's strategy for building a long-term, sustainable Canadian diamonds business.
Diavik Mine	Rio Tinto and Dominion Diamonds	Diamonds	Canada's largest diamond producer, 300 km NE of Yellowknife. Mine life to 2023. Became all underground mine in 2012. Workforce approximately 1,000.	For the first half of the calendar year 2013, Diavik produced 3.5 million carats from 1.0 million tonnes of ore processed for an average grade of 3.41 cts/tonne valued at over \$100/ct. The 2013 full-year production target is approximately 7.3 million carats from the mining of approximately 1.9 million tonnes of ore and the processing of approximately 2.2 million tonnes of material from both mining and stockpiles.
Snap Lake Mine	De Beers	Diamonds	Canada's first all underground diamond mine. 220 kilometres NE of Yellowknife. Mine life to 2028. Workforce approximately 750.	2012 Socio-economic report released has been released.
Cantung Mine	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western Northwest Territories, ~300 km by road NE of Watson Lake, Yukon. Mine life to 2014.	March 1 news release reports new zone of mineralization discovered near mine workings. New CEO announced.
Nechalacho	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. Target for production start up remains late 2016 with initial product sales anticipated for 2017.	Nov 276 announced share purchase agreement for up to \$30m. Dec 5 releases second sustainability report.
NICO	Fortune Minerals Ltd.	Cobalt-gold-bismuth-copper	Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150	Mid-November, Fortune announced they have hired Hatch Ltd. to conduct detailed engineering and design for

				construction of the project.
Yellowknife Gold	Tyhee NWT Corp	Gold	Proposed open pit and underground mine of 2 deposits (Ormsby and Nicholas Lake) about 90 km NE of Yellowknife. Estimated 4,000 tpd. Est. mine jobs: 238	Nov 27, announced new Special Purpose Vehicle through which a fund of up to US\$37.5 million is intended to be raised and help finance Tyhee's Yellowknife gold project.
Prairie Creek	Canadian Zinc Corporation	Lead-zinc-silver	Proposed underground mine 120 km west of Ft. Simpson. Estimated mine jobs: 220	In Sept, Federal government approves water license for project. All permits now in place to construct and operate the mine.
Gahcho Kué	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360. Indicated resource increased 12% from 50.5 million carats to 56.6 million carats. Inferred resource increased 80% from 10.3 million carats to 18.5 million carats.	On Dec 3, the MVLWB approved a pioneer Land Use Permit for the Gahcho Kué diamond mine, which allows land-based site works to commence in preparation for deliveries planned for the 2014 winter road season. In late October the project was approved to go to permitting and licensing.
Pine Point	Tamerlane Ventures	Lead-zinc	Company proposes underground mine east of Hay River, NT using freeze technology for water management. Estimated mine jobs: 225	All permits in place to mine first deposit. Issued August news release: Tamerlane Granted CCAA Protection, Announces Entry into a Term Sheet for up to approximately \$1 million of DIP Financing and Appointment of Financial Advisor. September release: Tamerlane announces receipt of Positive NI 43-101 Summary Technical Report for a New Operating Scenario at the Company's Pine Point Project
Courageous Lake	Seabridge Resources	Gold	Proposed open pit mine 240 km northeast of Yellowknife. 6.5 million oz proven and probable reserves. (Positive Preliminary Feasibility Study July 2012)	New 5-year land use permit issued December 28 to allow up to 700 drill holes. In the nine months of 2013, the Company incurred \$5.3 million in exploration costs to complete the winter and spring exploration and drilling programs and assess the results of those programs.
Selwyn	Selwyn Chihong	Zinc, lead	Proposed underground mine in Yukon on NWT border and access is through NWT. Agreements signed with NWT (Sahtu) Aboriginal land corporations.	Selwyn Chihong has acquired full control of the project from Selwyn Resources .

Mines & promising Nunavut mine projects

The following table describes a number of leading mineral development projects in Nunavut.

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico-Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 450	Payable gold production for 2012 totalled 366,030 oz. Mine life extended to 2018. Est. expenditures for 2013 - \$83M; Q3 Results released October 24, 2013.
Mary River	Baffinland Iron Mines	Iron	Proposed open pit mine with railway and port; 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: 3,500- 5,000. Estimated mine	IIBA approved on September 5, 2013 with public version released by QIA on December 10, 2013; Public Hearings for Early Revenue Phase scheduled for Pond Inlet,

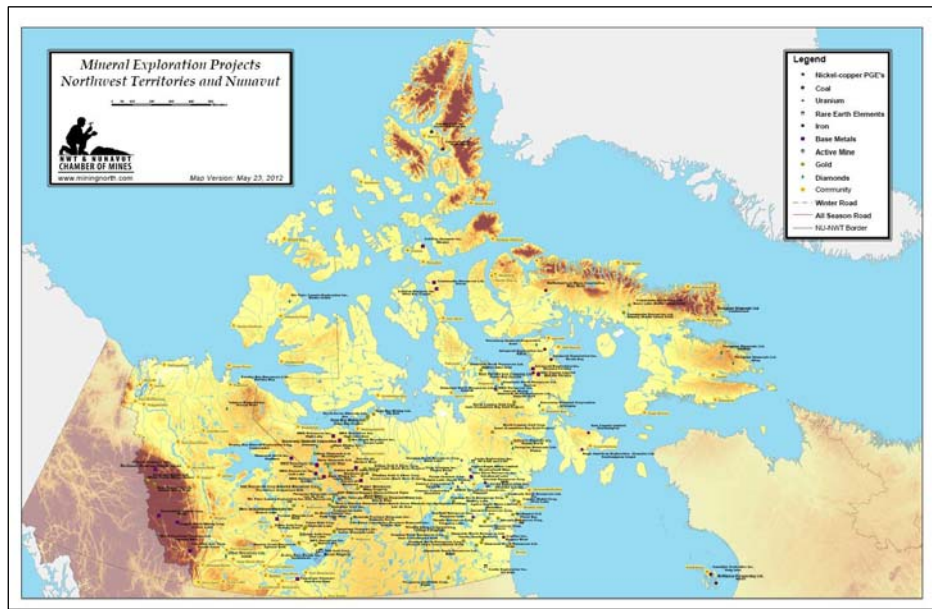
NWT & Nunavut Chamber of Mines – Northern Mining News

			jobs: 715	January 27, 2013.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	AREVA to submit final EIS as September 30, 2014, with final public hearings in 2015.
Meliadine Gold	Agnico-Eagle Mines	Gold	Possible gold mine, 6 deposits, the largest of which is the Tiriganiaq deposit, 25 km NE of Rankin Inlet. Estimated construction jobs: 1000 Estimated mine jobs: 700	Est. expenditures for development and exploration for 2013 - \$90M; Technical Meetings/Pre-Hearing conference December 3- 12, 2013 in Rankin Inlet.
Hackett River	GlencoreXstrata	Zinc, Silver, Copper, Lead	Proposed open pit mine. One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Estimated construction jobs: 800 Estimated mine jobs: 500	Pre-feasibility Study initiated in September, 2012; Submission of DEIS scheduled for Q3, 2013. GlencoreXstrata is taking lead on advancing the Bathurst Inlet Port and Road (BIPAR) project, with Sabina.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of the George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600 Estimated mine jobs: 900	Sabina announced positive PFS on October 9, 2013. Expected date of DEIS is January 20, 2014. The Company has filed the National Instrument 43-101 compliant Technical Report and Prefeasibility Study on www.sedar.com .
Izok Corridor Project (with High Lake & Hood River deposits)	MMG Resources Inc.	Copper, Zinc, Gold, Silver	High Lake is 1710 hectare, copper-zinc-silver-gold property, 190 km ESE of Kugluktuk. Izok is high-grade zinc-copper-lead-silver deposit, 255 km SW of Kugluktuk. Estimated construction jobs: 1,140 Estimated mine jobs: 710	MMG is continuing to evaluate alternative engineering options with potential to add value to the project, as well as planning for a 2014 exploration program focused on identifying more mineral resources in the Izok Corridor; Expected to provide revised project description in Q4, 2014.
Roche Bay	Advanced Exploration Inc.	Iron	Over 500 mt of Indicated Resources within 6 km of a natural deep water harbour at Roche Bay. Estimated construction jobs: 450 Estimated mine jobs: 370 - 380	Exploration and drill program completed in late October confirmed the existence of DSO type material at the Tuktu 2-H occurrence: hole 12TK007 returned intersections of 58.8% Fe over 63.9 metres including 66.3% Fe over 37.5 metres) to the east of the original showing (Tuktu 2-A) where similar material was also confirmed in drill core.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 61 known diamond-hosting formations.	Results from 2013 bulk sample announced December 3, 2013; Established CH-6 as one of the highest grade kimberlites in the world; 48 diamonds greater than 1 carat and 137 diamonds greater than half a carat.
Doris North/ Hope Bay	TMAC Resources	Gold	Proposed gold mines 130 km S of Cambridge Bay; covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 300	NIRB recommends approval of Type A Water License renewal for 10-year period on August 16, 2013. Signing of the Commercial Lease, along with the 10-year renewal in September of the Type 'A' water licence allows for commencement of production from the Doris Mine and Mill. Fall sealift resupplied site. Preliminary Economic Assessment

				released in November with updated mineral resource estimate.
Angilak	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit; 43.3 Mlb inferred resource at 0.69% U308.	Kivalliq acquired property in 2008. 87,500 m on exploration and resource drilling to date.

Detailed deposit map on website

A reminder that the map below and others are available on our Chamber website under Resources, Maps or by clicking [here](#) or on the small map.



Project Maps

