

# Northern Mining News

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## From the Executive Director ...

This past month marks a number of milestones that signal progress particularly in the NWT. There, the NWT Government’s Budget announced the creation of an NWT Minerals Strategy and an economic development strategy. This holds much promise to improve the NWT’s investment climate. Momentum is also increasing on devolution negotiations, with support from another Aboriginal group. This new government has also taken an unprecedented step to share its Cabinet Ministers’ mandate letters with the public. Check them out!

In Nunavut, a new toolkit is available to help relationship building between communities in companies. CanNor continues to help with port infrastructure investigations in Rankin Inlet.

Overall reports from MAC and the Conference Board show that mining is creating positive results in the country. In both our Territories too, projects continue to advance. See the tables on pages 14 & 15 that document the progress; check out each company’s websites of course for the full detail.

Happy reading!

... Tom Hoefer

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

# NWT MINERAL STRATEGY!

## Big Step Forward – GNWT Leadership Announces NWT Mineral Strategy

On May 24, the NWT Government announced it is investing over \$1 million to develop a *Mineral Development Strategy* and an *Economic Development Strategy*.

In delivering the NWT Government's *Budget Address 2012-2013*, NWT Finance Minister Michael Miltenberger acknowledged a number of times the benefits of mineral exploration and mining, stating:

“Led by the diamond industry, mining is still the economic engine of the NWT, accounting for a third of our economy. Although carat production decreased in 2011, stronger diamond prices propelled diamond production values to \$2.1 billion in 2011, the highest in seven years. Production targets are higher for 2012.

Exploration activity, a key precursor to actual mines, is set to increase by \$20 million this year. However, while the other territories have exceeded their pre-recession peaks, we continue to lag behind. Our share of total exploration dollars has fallen from 7 per cent in 2007 to 3 per cent anticipated in 2012.

Mining is a cornerstone for robust growth in our economy. We have long heard about the rise of the west. Now it's time for the rise of the north, and a cohesive strategy for mineral development will ensure we play a leading role.

In 2012-13, we will invest over \$1 million to develop a *Mineral Development Strategy* and an *Economic Development Strategy* to guide our economic policies, programs and services. The territory-wide *Mineral Development Strategy* for the NWT will celebrate the successes we've enjoyed as a result of mining, but it will also address the challenges. There is no time like the present to address the challenges of one diamond mine approaching the latter half of its life and the other nearing its mid-point. We also need to address exploration expenditures well below historical highs and unfavourable industry perceptions of the NWT's regulatory regime.

Developing a plan for mineral development, with input from all levels of government, citizens, and industry will help us sustainably realize our full mineral potential.”

The President of the Chamber of Mines, Pamela Strand, responded on behalf of the northern mineral industry: “The Chamber of Mines congratulates the NWT government with this announcement. Clearly establishing the importance of the mineral industry to the economic prosperity of this region is a big step forward for the NWT. We look forward to providing input into the *Strategy* and we are confident that all northerners will benefit from the increased opportunities our industry can create when supported by such an initiative.”

For the full text of *Budget Address 2012-2013*, Visit: <http://www.fin.gov.nt.ca/address/index.htm>.

## **CanNor Supports Potential Port Development in Nunavut**

The Honourable Leona Aglukkaq, Minister of the Canadian Northern Economic Development Agency (CanNor) and Minister of Health has announced funding that could lead to the development of a port in Rankin Inlet, Nunavut.

"The construction of a port at Rankin Inlet would help bring jobs, growth and long-term prosperity to the community and the Kivalliq region," said Minister Aglukkaq. "Developing a business case is a first step in this important infrastructure project."

"This is a major step for increased development in our community," says Rankin Inlet mayor Pujjuut Kusugak. "A port facility would help businesses and their customers in our community and the region by lowering costs and supporting shipping companies to be more efficient. This investment would also help show that the North is ready and willing to help industry move forward."

This investment is to develop a business case to assist Rankin Inlet in considering the strategic business options for the port. The business case will cover construction, implementation, operations and the sale of logistical services for the port. Development of a port has been identified as a key priority by the Hamlet and has the potential to make the community a hub for the region and to attract long-term investment.

This investment is funded by CanNor's Community Economic Opportunities Program (CEOP), which provides project-based support to First Nation and Inuit communities for community-based economic development in Nunavut, Yukon and Northwest Territories.

CEOP is one of several economic development programs within CanNor. CanNor is responsible for coordinating and delivering Canada's economic development across the North, and for related policy development, research and advocacy.

Please visit this website to learn more about [Canada's Northern Strategy](#) .

## **NWT Devolution – Sahtu first Dene group to sign onto Resource Negotiations**

The Sahtu Secretariat Incorporated (SSI) has signed on to NWT devolution negotiations, joining the Inuvialuit and the NWT Metis Nation.

"The Sahtu Dene and Métis have been important participants throughout the devolution negotiations process since 2001, and we are pleased that SSI has joined us again to help shape the final agreement," said Premier McLeod. "We welcome all NWT regional Aboriginal governments to participate at the negotiations table and ensure the voices and priorities of their people are reflected in this historic agreement. While devolution does not affect Aboriginal and treaty rights, Aboriginal governments should take the opportunity to work together and help ensure the best possible devolution agreement for everyone in the NWT."



"The Government of Canada is pleased to see the Sahtu seize this opportunity to help shape the future of the territory and share in the benefits that will flow from devolution," said the Honourable John Duncan, Minister of Aboriginal Affairs and Northern Development Canada. "The Government of Canada's Northern Strategy envisions putting greater decision making in the hands of the people of the Northwest Territories. Working together through devolution, land claim and self-government negotiations and other initiatives, we will achieve remarkable progress towards this objective."

"We are pleased that the Sahtu have rejoined the negotiations and we look forward to working with them as we move forward," said Nellie Cournoyea, Chair and CEO of Inuvialuit Regional Corporation (IRC). "The participation of the Sahtu will bring additional depth and strength to the Aboriginal voice in these important negotiations, and will contribute to a more productive relationship with the GNWT and the development of a devolution agreement that will work for all regions of the NWT."

"We welcome our northern cousins to the devolution family with open arms," said Betty Villebrun President of the NWT Métis Nation (NWTMN). "Together, we can bring northern decision making on land and resources to the North, where it rightfully belongs."

Our future is in our hands and will be determined by our ability to move forward together, working cooperatively towards a final agreement from which all NWT residents will benefit."

"I am very pleased to see the Sahtu taking this step today," said Norman Yakeleya, MLA Sahtu. "It is important for the Sahtu to be at the table to have their views represented. It's always better to negotiate your own fate than to have others do it for you. The Sahtu are now owning up to 100 percent of our responsibility to determine our destiny."

NWT lands and resources devolution will transfer administrative authority and control over public lands, resources and rights in respect of water in the Northwest Territories from the Government of Canada to the GNWT. After devolution, the GNWT will be responsible for the management of public lands and natural resources in the NWT, including the delivery of related public programs, and will have the right to keep a share of the resource development royalties collected on NWT public lands. The GNWT will share up to 25% of its royalties with NWT Aboriginal governments – a sharing unprecedented in Canada. The

The image displays the ALS Minerals CoreViewer™ software interface. At the top, the ALS Minerals logo is shown with the tagline "YOUR TECHNICAL SERVICES PARTNER". Below this, the product name "CoreViewer™" is prominently displayed. The main interface area is divided into several sections: "Core Box Photos" at the top left, "Geochemical Data" in the center, and a large graph area at the bottom. The graph area contains three stacked line graphs showing data trends over a distance of 0 to 500 units. The top graph is labeled "Core Viewer™", the middle one "Core Viewer™", and the bottom one "Core Viewer™". A red line in the bottom graph is labeled "Approximate Depth: 215.75". At the bottom of the interface, there is a list of features: "Photo Archival", "Fracture Density Record", "Down-Hole Visual with Data", and "On-Line Data Interrogation with Photos". The website "www.alsglobal.com" and the slogan "RIGHT SOLUTIONS RIGHT PARTNER" are also visible.

Government of Canada, GNWT, IRC, NWTMN and SSI are currently in the final stage of devolution negotiations. Negotiations are expected to conclude in 2012.

For more information on NWT lands and resources devolution, visit [www.gov.nt.ca](http://www.gov.nt.ca).

### Nunavut Devolution – new GN Negotiator Appointed

In a May 22nd statement issued by the Government of Nunavut, Premier Eva Aariak announced the appointment of David Akeegok as the Government's chief negotiator in the upcoming Nunavut devolution talks. Mr. Akeegok is well-known in Nunavut and has vast experience in various government departments. In his current role as Deputy Minister of Environment, he is responsible "for ensuring the protection, promotion and sustainable use of natural resources in Nunavut through the management of the environment, wildlife, fisheries and parks."



David Akeegok, Nunavut's newly appointed Chief Negotiator for Devolution. *Courtesy NU Government.*

In the news release, the Premier expressed her delight in the Federal Government's appointment of a federal negotiator. "I have dedicated a great deal of time to the devolution file these past several months and the appointment of a federal negotiator represents a major step forward in our government's efforts to build the self reliance of Nunavut. We look forward to the start of negotiations and to working constructively with the Government of Canada's newly appointed Chief Federal Negotiator, Mr. Dale Drown."

According to the media backgrounder, Devolution is the transfer of authority for Crown lands, and the resources they contain, from the Government of Canada to the Government of Nunavut. Currently, the federal government has final decision-making authority over more than 80 per cent of Nunavut lands, and will receive the royalties from any resource development that takes place on those lands.

In 2008, the Government of Nunavut, Nunavut Tunngavik Inc. and the Government of Canada came together to sign the Lands and Resources Devolution Negotiation Protocol, the starting point for negotiations to begin.

At their 2011 Annual General Meeting, Nunavut Tunngavik Inc. delegates unanimously passed a resolution urging a devolution agreement of control over Crown land and resources from the federal government to the Government of Nunavut without further delay.

For more information on devolution, please visit: <http://www.eia.gov.nu.ca/en/Devol.aspx>

## **Investment in Mining and Oil & Gas Stimulates Demand in Other Canadian Industries**

Ottawa, June 4, 2012—Massive investment in the oil & gas and mining sectors is fuelling growth in industries ranging from manufacturing to engineering, according to the *Canadian Industrial Profile-Spring 2012* published by The Conference Board of Canada in association with the Business Development Bank of Canada (BDC).

The *Canadian Industrial Profile* provides a five-year (2012-2016) production, revenue, cost and profitability forecast for six industries each quarter. The Spring 2012 edition includes forecasts for:

- Electrical Equipment
- Fabricated Metal Products
- Machinery Manufacturing
- Oil and Gas Support Activities
- Professional Services
- Textiles and Apparel

"It is interesting to note that the economic boom linked to oil and gas and mining activities is benefiting many industries – not only in Western Canada, but throughout the country," said Pierre Cl  roux, Vice President, Economic Analysis, at BDC. "In addition to the positive impacts related to the dynamism of the oil and gas and mining sectors, businesses in many manufacturing sectors are performing well thanks to the growth in exports to the U.S. – a first since the end of the recession. Despite the strong dollar, which is an ongoing challenge to the competitiveness of businesses, and the uncertainty created by the Eurozone debt crisis, the outlook is positive for many Canadian entrepreneurs."

"Driven by high commodity prices, investment in the Canadian mining industry continues to grow at a robust pace. In addition to boosting the support activities for oil and gas industry, this investment boom will stimulate demand for machinery, fabricated metals and architecture and engineering services," said Michael Burt, the Conference Board's Director, Industrial Economic Trends.

The Conference Board forecasts oil prices to remain high, at over \$100 per barrel for the next couple of years, which will drive investment in the oil sands and support demand for firms to provide contract drilling and field support activities. Profits in the oil and gas support activities industry, which nearly quadrupled between 2009 and 2011, are forecast to double again in 2012 to \$310 million. However, fierce competition within the industry is expected to keep profit margins thin, and employers in Western Canada are again facing labour shortages – which will drive up wage costs.

Machinery manufacturing is seeing growth in exports to the United States and a significant increase in demand for agriculture, construction and mining machinery equipment. Despite limited price growth, profits are forecast to exceed \$1.9 billion this year, which would bring the industry's bottom line back above its pre-recession level.



Fabricated metal products are a key input into manufactured goods, such as machinery and equipment, and automobiles. The strong outlook for mining investment and the upturn in manufacturing output will allow the industry to continue its recent growth – profits are forecast to exceed \$1.5 billion in 2012. However, the industry's longer-term prospects are muted because it has made few inroads into emerging markets, where growth is expected to be much stronger than in North America.

Professional services, which includes firms in accounting and legal services, architecture and engineering, administration, computer and advertising, and waste management, saw profits dip almost 30 per cent to \$6.3 billion in 2011. But the industry is poised for a rebound in 2012 and beyond, as computer design and advertising firms benefit from increasing use of smartphones and tablets, and mining investment increases demand for engineers and architects.

Profits doubled in 2011 in the electrical equipment industry thanks to strong export growth, especially to markets other than the United States. Profits are expected to increase more than 26 percent this year to \$443 million due to strong growth in overall non-residential investment in 2012. However the strong dollar and foreign competitors will continue to pose challenges to industry segments such as household appliances and lighting manufacturers.

The textiles and apparel industry continues to face the twin challenges of growing imports and a strong dollar, which makes profit margins exceedingly slim. The industry is forecast to post 2012 profits of \$71 million, down slightly from 2011. Pockets of growth in the industry can be found among those firms that successfully integrate producers from low-cost countries into their supply chains, and those companies that focus on high-end textiles and apparel.

For more information, visit: <http://www.conferenceboard.ca/>

### **Growing Public Support for Mining**

Recently, the Mining Association of Canada (MAC) commissioned Angus Reid to conduct a public opinion poll to gauge Canadian attitudes toward the mining industry in Canada.

The poll reveals that public opinion of the mining industry in Canada is improving. In fact, 3 out of 4 Canadians polled said they have a favourable view of the industry. MAC believes this is largely attributed to Canada's rich mining history, its improving reputation for sustainability and environmental practices, and its position as a key sector for employment and economic growth.

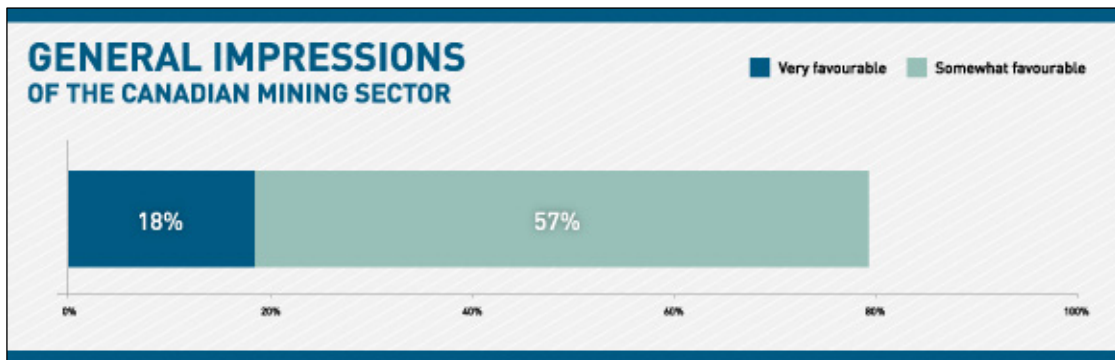
So what do Canadians think?

On **Overall Reputation**, the pollsters found that:

- A majority believes that mining in Canada is conducted to better standards, compared to other parts of the world on a range of indicators (ie. safe working conditions, treatment of workers and responsible environmental practices).
- 27% say their impression of the mining sector is improving, compared to 16% who say their impression is declining, indicating improvement over time.

On **Industry Performance**, the pollsters found that:

- The majority of respondents give the industry good marks for contributing to Canada’s economy. This includes jobs for Canadians, opportunities for remote communities and healthy returns for investors.
- Performance ratings for safety and human rights are also very solid with roughly 75% giving the industry good or acceptable/neutral ratings. Only one in four offer a negative view.
- Most Canadians also feel the industry is doing an acceptable or better job at handling environmental issues.



Opinions **by Political Party** of Mining Companies Operating in Canada:

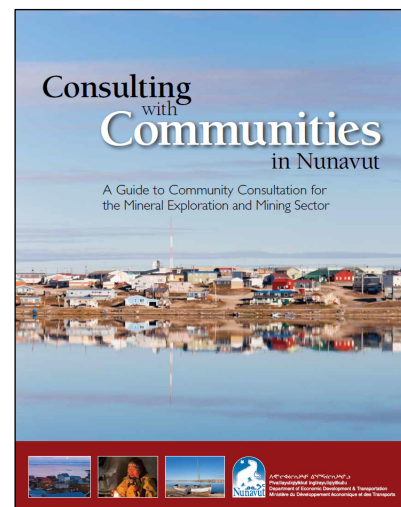
- 85% of CPC voters are favourable (26% very favourable; 59% somewhat favourable)
- 71% of NDP voters are favourable (19% very favourable; 52% somewhat favourable)
- 74% of Liberal voters are favourable (13% very favourable; 61% somewhat favourable)

## A Guide to Consulting with Communities in Nunavut

The Government of Nunavut wants to ensure that meaningful benefits from resource development flow to Nunavummiut. Under *Parnautit*, the Nunavut Mineral Exploration and Mining Strategy, the Government of Nunavut committed itself to develop guidelines to improve communication between communities, governments, and industry.

Now released, the new *Guide to Community Consultation for the Mineral Exploration and Mining Sector* provides some insightful, practical advice on consulting in the territory. Read it over; keep it handy.

The guide is not intended to add to regulatory obligations; rather it’s a voluntary manual providing information on regulatory agencies, community structures and consultation best practices in Nunavut. These practical suggestions are based on extensive input from community organizations and reflect their expectations and goals for participating in consultation activities.





By building strong relationships and effective communication among stakeholders, resource development can bring benefits to the people of Nunavut.

The document can be downloaded here:

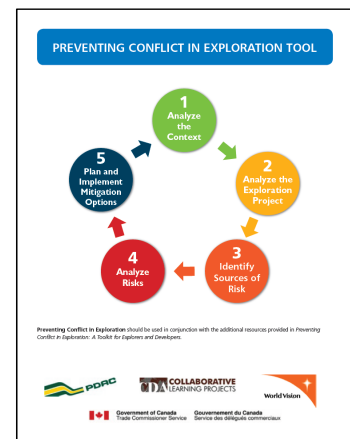
<http://www.edt.gov.nu.ca/apps/fetch/download.aspx?file=Any/634629966122923922-838209553-Community%20Consult%20Guidelines%20EN.pdf>

But deep below the earth's surface, that heat is naturally occurring and plentiful.

Watson said there's another upside: the waste from the fish will be used as fertilizer for the tree seedlings, replacing the usual chemicals.

### Preventing Conflict in Exploration: A Toolkit for Explorers and Developers

*Preventing Conflict in Exploration: A Toolkit for Explorers and Developers* is designed to help companies build constructive relationships with stakeholders at the community level and reduce the risk of conflict at their operating sites. The toolkit provides simple steps for stakeholder analysis and risk assessment, and helps companies develop conflict-sensitive engagement strategies. The toolkit was field-tested with exploration and mining companies in Mexico, Peru, Sierra Leone and Madagascar to ensure it offers practical information that is useful in a wide range of operating environments. The toolkit was developed by the PDAC in partnership with World Vision Canada and CDA Collaborative Learning Projects, with funding from the Department of Foreign Affairs and International Trade of the Government of Canada.



The toolkit is available for download in PDF in English, French and Spanish. [Click here for more information](#)

### Mining Exhibit opens at Prince of Wales Northern Heritage Centre

The NWT Mining Heritage Society's exhibit – "UNDERGROUND: The life of a Yellowknife Gold Miner" opened at the Prince of Wales Northern Heritage Centre. The display is near the entrance to the auditorium and will be on display until July 3, 2012.

For 65 years miners in Yellowknife toiled deep underground to pull up the rich gold ore that put the city on the map. The Con (1938) and Giant Mines (1948) bordered the city and dominated the local economy until they closed in 2003 and 2004.

This exhibit focuses on the two primary Yellowknife mines, Con and Giant. It offers a glimpse into the daily routine of underground mine workers – the clothing they wore, the tools they carried and the equipment they used. Photos and



personal experiences accompany the items and help to give visitors a sense of what it was like to work underground.

Mine rescue gear is also part of the showcase. It serves to recognize the important job of the emergency response team. During Mining Week in mid-June, there is a mine rescues competition where these highly trained and skilled teams demonstrate their skills.

The NWT Mining Heritage Society is preserving the North's mining heritage – the artefacts, the images, and memories of what it was like to work in the mines and live in the camps and town sites that grew up around the mines.

Visit the NWT Mining Heritage Society website ([www.nwtminingheritage.com](http://www.nwtminingheritage.com)) for more information on mining in the North or to join the society.

The NWT Mining Heritage Society wishes to acknowledge the generous support of the Government of the Northwest Territories Department of Education Culture and Employment for its support.

### **Geoscience Award of Merit to Lou Covello, P.Geo.**

The Geoscience Professional Award of Merit is presented to Lou Covello, P.Geo. in recognition of his significant contributions to the mineral exploration industry across the North and to his Professional Association. Lou is a Founding Member (#0026), a Life Member, a Past Councillor and member of several committees of the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG).

Lou Covello has been personally involved in many significant mineral discoveries across the North, most prominently: Deb, Musk, Sunrise, all base metal deposits, as well as, Damoti and Fat (Matthews Lake) gold deposits. Lou has mentored many students in the art of unraveling difficult Archean stratigraphy to recognize what the original genesis was of the rocks and not what they currently are. He also mentored students, geologists, geophysicists and technicians



in the art of being an explorationist. While his passion for geology is difficult to find in others, his ability to mentor is equally critical to the development of the industry. Lou Covello began his career as a student working for Mattagami Lake Mines in Quebec. He graduated with a B.Sc. (Hons) in Geology from Lakehead in 1971 and worked for two seasons with the Geological Survey of Canada in the eastern

**Lou Covello (left) receives his award from fellow geologist, Gary Vivian.**

Arctic. The North became his passion and he moved in 1973 to work for Noranda Exploration Company Limited in Yellowknife, where he and his wife, Jonquil, have resided for 39 years.

As a Project Geologist, he managed programs in the Keewatin, Arctic Islands and District of Mackenzie exploring for base metals, uranium, precious metals and diamonds. When Noranda closed the Yellowknife Office in 1981, Lou decided to stay as a consulting geologist. It was rare in those days to find a person like Lou who was willing to try things on his own. He formed a small company of one that grew over the years to what it is today. Aurora Geosciences Ltd. (AGL) operates in all three territories and Alaska. The company grew to 23 full-time employees and a seasonal staff of as many as 200 persons.

Lou Covello's vision and intuition was that the North is a great place to do geology with huge untapped mineral exploration potential. He has not limited his knowledge to one particular type of deposit and has read, studied and practiced the conceptual models for all types of deposits which might exist in the North.

Lou's contributions to the industry, NAPEG and the NWT & NU Chamber of Mines have garnered him a tremendous respect in the mining and mineral industry of the North. His vision for infrastructure in the North has been on the agenda of many government and industry meetings. Lou has been a passionate advocate of northern geosciences for four decades.

### **Unprecedented! NWT Premier Shares Ministers' Mandate Letters**

In an unprecedented move, NWT Premier Bob McLeod has publicized his Cabinet ministers' mandate letters outlining their key strategic objectives and priorities for the 17<sup>th</sup> Assembly. These letters are posted beside each Minister at: <http://www.premier.gov.nt.ca/cabinet/>.

"Our government is committed to transparency and accountability," said Premier McLeod. "As a public government, we serve all the people of the Northwest Territories and are responsible for making sure that NWT residents are aware of the activities, initiatives and decisions their government undertakes on their behalf. These mandates will provide our residents with an important tool for understanding and evaluating our actions as a government."

The mandates follow the priorities of the 17<sup>th</sup> Legislative Assembly, developed by all Members immediately after the October 2011 election. Cabinet members are accountable to the rest of Cabinet and to the Legislative Assembly for the activities of their assigned departments and agencies. Decisions must uphold the public good by balancing the interests of all Northwest Territories residents.

Some of the specific mandates assigned to Ministers include:

- Negotiate a Devolution Final Agreement and develop an implementation plan for responsible management of public lands and resources in the NWT.
- Develop and coordinate the implementation of a government-wide Aboriginal engagement strategy based on the principles of respect, recognition, and responsibility.
- Reform governance of the health and social services system, and improve measurement and accountability within the system.
- Undertake consultation in support of passing a new Wildlife Act.

- Develop and implement a sustainable Mineral Strategy and Economic Development Strategy for the NWT that targets all regions and all sectors of our economy.
- Work with communities to develop a comprehensive, territory-wide Community Safety Strategy.
- Build capacity of community governments to meet their administrative and management responsibilities.
- Develop and implement a comprehensive Early Childhood Development Framework.

Work on the mandates outlined in the letters has already begun. Mandates will be reviewed regularly and updated when necessary. The government will publish a results report outlining progress on the mandates each year.

### **NEW! 2 NWT Geology Reports now available**

The Northwest Territories Geoscience Office (NTGO) is pleased to announce the release of two Open File publications:

- **NWT Open File 2012-06: Identification of Potential Silica Sand Deposits in the Northwest Territories**, by Vic Levson (Quaternary Geosciences Inc.), Leanne Pyle (VI Geosciences Services Ltd.), and Mike Fournier (MAF Geographix). The provides an overview of potential consolidated and unconsolidated silica sand deposits in the Northwest Territories based on a compilation of existing data. Silica sand has many different uses including glass manufacturing, ceramics, and various industrial applications. The report concentrates on sand used for hydraulic fracturing in the petroleum industry (frac sand), but the silica sand sources described also have other potential uses. This research was supported by the Canadian Northern Economic Development Agency through the Strategic Investments in Northern Economic Development (SINED) Program.
- **NWT Open File 2012-07: Deep Subsurface Saline Aquifer Characterization, Central Mackenzie Valley, Northwest Territories**, by Brad Hayes and Jennifer Dunn, Petrel Robertson Consulting Ltd. This report provides an overview of reservoir and aquifer characteristics of strata in the Central Mackenzie Valley. Understanding the fluid chemistry and reservoir characteristics of these rocks will aid current unconventional oil explorers in the area. This research was supported by Natural Resources Canada through their Program of Energy Research and Development.

These reports are available as a free download from the Gateway web application at [www.nwtgeoscience.ca](http://www.nwtgeoscience.ca).

## 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:

**Tait Communications** is a northern communications firm delivering strategic marketing communications advice. They specialize in spreading the word, getting messages heard and creating change in the Northwest Territories. They've got the experience and the connections — and they're passionate about what they do. Contact: <http://taitcc.com/main/>

## Calendar of Events

- **Northern Mine Rescue Competition**, June 15-16, 2012, Yellowknife, NT, community arena parking lot. FREE to the public. Watch our miners demonstrate their skills.
- **Miners' Picnic**, June 16, Yellowknife. Gold panning, face painting, etc. A family event with free burgers, hot dogs and drinks. Adjacent to Mine Rescue Competition.
- **2012 Yellowknife Geoscience Forum**, November 13-15, 2012, Yellowknife, NT. Plan to attend the north's largest conference. Visit: [www.miningnorth.com/geoscienceforum](http://www.miningnorth.com/geoscienceforum).

## Reminder: Miners' Picnic & Northern Mine Rescue Competition – June 15-16

Just a reminder for the public to come and watch the northern mine rescue competition to be held in Yellowknife on June 15 & 16. There will be teams from all three Territories competing, demonstrating their skills in both underground and surface rescue techniques.

On June 16, the event will be complemented by the annual Miners' Picnic, open to the public. Come and get your free burgers, hot dogs and drinks and take part in the family activities, or watch the Mine Rescue Competition.

It's all FREE! Thanks to our many sponsors, including the mining industry, the Workers' Safety & Compensation Commission for the NWT and Nunavut, and the Chamber of Mines.



*Established 1967*

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## Mines & Promising NWT Mine Projects

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

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	BHP Billiton, 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.	Annual sales from EKATI represent approximately 3% of current world rough diamond supply by weight and 5% by value. BHP Billiton is conducting review of diamonds business and potential sale.
Diavik Mine	Rio Tinto and Harry Winston	Diamonds	Canada's largest diamond producer, 300 km NE of Yellowknife. Open pit and underground, but will be all underground in 2012. Mine life beyond 2020.	1 million tonne underground production reached in May. Investigating potential to add A21 pipe to mine plan. Rio Tinto is conducting review of diamonds business and potential sale. The plan for calendar 2012 foresees production of ~ 8.3 million carats from mining 2.0 million tonnes of ore and processing of 2.2 million tonnes of ore.
Snap Lake Mine	De Beers	Diamonds	Canada's first all underground diamond mine. 220 kilometres NE of Yellowknife. Mine life to 2028.	Commenced commercial production on January 16, 2008 and the Official Mine Opening took place on July 25, 2008.
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.	May news release reports total Q2 revenue of \$33.4m compared with revenue of \$11.4m for same period 2011. Company is capitalizing on significant investment in new infrastructure built during 2011 under "CanTung Enhancement" strategy.
Nechalacho	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200	EA Update: Mackenzie Valley Review Board is reviewing responses to information requests.
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	Various documents and technical reports are being filed for the environmental assessment process so as to support 5 days of public hearings in July.
Yellowknife Gold	Tyhee NWT Corporation	Gold	Proposed open pit mine 88 km NE of Yellowknife. Estimated mine jobs: 238	EA update: Tyhee is preparing responses to August 2011 information requests. Feasibility study expected in August.
Prairie Creek	Canadian Zinc Corporation	Lead-zinc-silver	Proposed underground mine 120 km west of Ft. Simpson within the Nahanni National Park. Estimated mine jobs: 220	EA Update: Project approved to proceed to permitting and licensing, now underway. Permit applied for new underground decline to continue underground exploration.
Gahcho Kue	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360	EA Update: Developer and parties preparing responses to January 2012 information requests responses. De Beers anticipates submission by end of March 2012. Technical sessions tentatively scheduled for May.
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	Company has requested change to adit and decline from shaft to test mine the R-190 deposit. Resource is Defined, Permitted for Construction, Extensive Infrastructure
Courageous Lake	Seabridge Resources	Gold	Proposed open pit mine 240 km northeast of Yellowknife	Preliminary Economic Assessment released 2011. Preliminary Feasibility Study expected in May 2012. Nearly 8 million oz. resources. 2012 exploration budget of \$8.5 million. Annual report released in May.



## Mines & Promising Nunavut Mine Projects

The following table describes a number of leading mineral development projects in Nunavut. Very preliminary estimates have been provided for workforce size if the projects were to become mines.

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico-Eagle Mines	Gold	Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 450	Mill began commercial production in March, 2010. NTI received first royalty payment.
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: over 3,500. Estimated mine jobs: over 1,000.	Final hearings for FEIS slated for Iqaluit, Igloolik, and Pond Inlet beginning July 16, 2012.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 600 Estimated mine jobs: 500	IIBA negotiations begin January 27, 2012; Submission of IRs to NIRB regarding DEIS extended to June 18, 2012.
Doris North/ Hope Bay	Newmont Mining Corp	Gold	Proposed gold mines 130 km S of Cambridge Bay; covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 300	Work postponed indefinitely while project under review; Company has approved "Care and Maintenance" funding for the Hope Bay site.
Jericho Diamond Mine	Shear Diamonds Ltd.	Diamonds	Project to reassess viability of reopening the former diamond mine, 255 km SSE of Kugluktuk. Estimated mine jobs: 150-200	Recovered 3,500 carats of diamonds from mine; Diamond valuation process scheduled for late May, 2012.
Meliadine Gold	Agnico-Eagle Mines	Gold	Possible gold mine, 5 deposits, the largest of which is the Tiriganiaq deposit, 25 km NE of Rankin Inlet. Estimated construction jobs: 600 Estimated mine jobs: 350 - 400	Plan to complete feasibility study in 2013; NIRB approved EA exemption of "Phase 1 – All Weather Road" on May 23, 2012. Road located on IOL.
Hackett River	XStrata Zinc Canada	Zinc, silver, copper, lead and gold	One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Estimated mine jobs: 300	Camp opened February 20, 2012; Pre-feasibility study team being assembled.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River deposit, comprises Llama, Umwelt, Goose and George deposits. Open pit and underground mining being considered.	2012 exploration budget approved at \$60m. Positive Preliminary Economic Assessment released May 29.
High Lake /Izok Lake	MMG Resources Inc.	Copper, Zinc, Gold, Silver	(High Lake) 1710 hectare, copper-zinc-silver-gold property, 190 km ESE of Kugluktuk. Estimated mine jobs: 500 (Izok) High-grade zinc-copper-lead-silver deposit, 255 km SW of Kugluktuk. Estimated mine jobs: 760	High Lake/Izok/Grays Bay now being permitted as one project. Proceeding with Feasibility Study; Fieldwork planning underway – data collection, environmental baseline work, and exploration.
ULU & Lupin	Elgin Mining Inc.	Gold	Located SE of Kugluktuk. Lupin mine: past production; 3.7 million oz. ULU deposit: indicated mineral resource; 751,000 tonnes	Elgin purchased both properties from MMG Resources in July, 2011. Winterization of work camp at Lupin; Drilling at Ulu began April, 2012.
Roche Bay	Advanced Exploration	Iron	Over 500 mt of Indicated Resources within 6 km of a natural deep water harbour at Roche Bay.	Feasibility study due by end of 2012.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 59 known diamond-hosting formations.	Peregrine expects to begin collecting a bulk sample from several kimberlites in 2013 to obtain parcels of diamonds for valuation.

Project Maps

