

# Northern Mining News

Volume 6, No. 7

July 2013



## In this issue:

Gahcho Kue diamond mine Panel recommends mine for permitting.....	2
Board recommends Prairie Creek Water License for Approval.....	3
NICO mine and mill receives government approval to proceed to licensing.....	4
Nechalacho Rare Earth Element project approval recommended.....	6
Minister Approves 12-year Water License for Mary River Iron Mine.....	7
Seabridge cameras capture wildlife painlessly.....	8
Gahcho Kue JV signs IBA with North Slave Metis.....	9
New! 2012 Snap Lake Mine Socio-Economic Report Released.....	9
Case Study on Diavik Wind Project.....	10
Getting to 'Yes' – Strong messaging from former Indian Affairs Minister.....	10
Two Chamber mining members named in Best 50 Corporate Citizens in Canada.....	11
CanNor signs MOU to work with NWT Government.....	11
Lutsel K'e Youth Make Friends with Science.....	13
De Beers Hay River Charity Golf Classic Sets New Fundraising Record.....	13
New Maps: Important Wildlife Areas in the Western Northwest Territories.....	14
Zinc, all you ever wanted to know! ... and more.....	15
Member News Releases this past month.....	16
Welcome New Members!.....	19
Calendar of Events.....	20
Mines & Promising Northwest Territories Mine Projects.....	22
Mines & Promising Nunavut Mine Projects.....	23
Detailed deposit map on website.....	24
Project Maps.....	25

## From the Editor ...

A tremendous July with project approvals progressing in the NWT. Prairie Creek's water license has been recommended for approval; and the Gahcho Kue, Nechalacho, and NICO projects have all been recommended to advance to permitting and licensing stage. In Nunavut, the Mary River Project has just received its Class A Water License, and for 12 years. We thank all those in government and the boards for their work to advance these projects.

On the down side, the capital crisis continues, and money is extremely hard to find. Exploration will likely be down considerably by year end.

A great speech by former Minister Prentice at the AFN Annual Assembly speaks to opportunities for Aboriginal communities from resource development. (But this we know – our northern mines have been demonstrating what's possible for many years now!)

Happy reading. ... Ed.

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

## **Gahcho Kue diamond mine Panel recommends mine for permitting**

On July 19, the Gahcho Kue Panel of the MVEIRB released its final report on the environmental impact review of the Gahcho Kue diamond mine.

The Gahcho Kué Panel (Panel) recommends to the Minister of Aboriginal Affairs and Northern Development Canada (AANDC) that the Gahcho Kué Diamond Project can proceed to the regulatory phase for approvals, subject to measures that minimize adverse environmental impacts.

The Gahcho Kué Project is a proposed diamond mine at Kennady Lake located 280 NE of Yellowknife. The Project consists of:

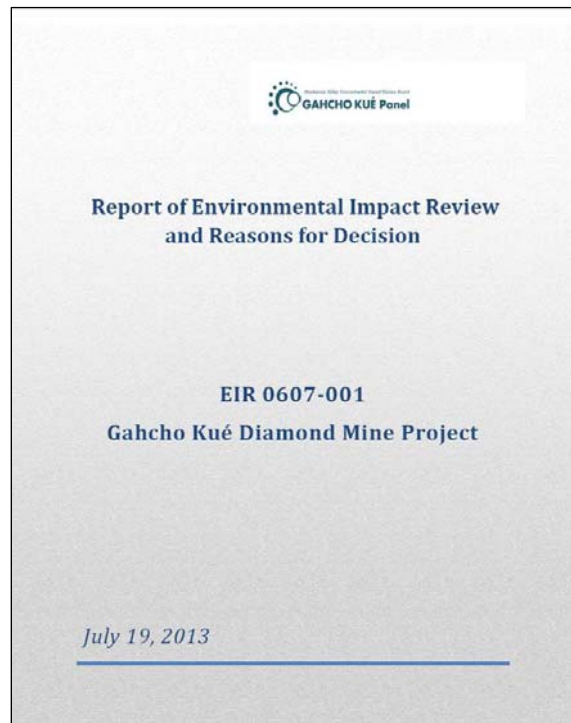
- Constructing operating and closing an open pit diamond mine to recover diamonds from 3 open pits over an 11 year mine life
- Dewatering portions of Kennady Lake to access the open pits
- Backfilling one open pit and portions of a second open pit with waste rock and processed waste material from the mill
- Re-filling Kennady Lake at end of mine life and allowing fish to re-populate the lake

The developer of the Project is De Beers Canada Inc.

After careful consideration, the Panel concludes that the Project is likely to cause significant adverse environmental impacts. The Report of Environmental Impact Review sets out measures required by the Panel to mitigate these impacts so that they are no longer significant. These measures will:

- Reduce the impacts of the mine site and winter access road on caribou and caribou habitat
- Minimize the Project's contribution to cumulative effects on caribou
- Require follow-up programs to address impacts to water, fish, caribou, other wildlife and species at risk and socio-economic components,

The Panel's *Report of Environmental Impact Review and Reasons for Decision* document for the Gahcho Kué Project, EIR0607-001 is available online in the public registry by clicking [here](#).



## **Board recommends Prairie Creek Water License for Approval**

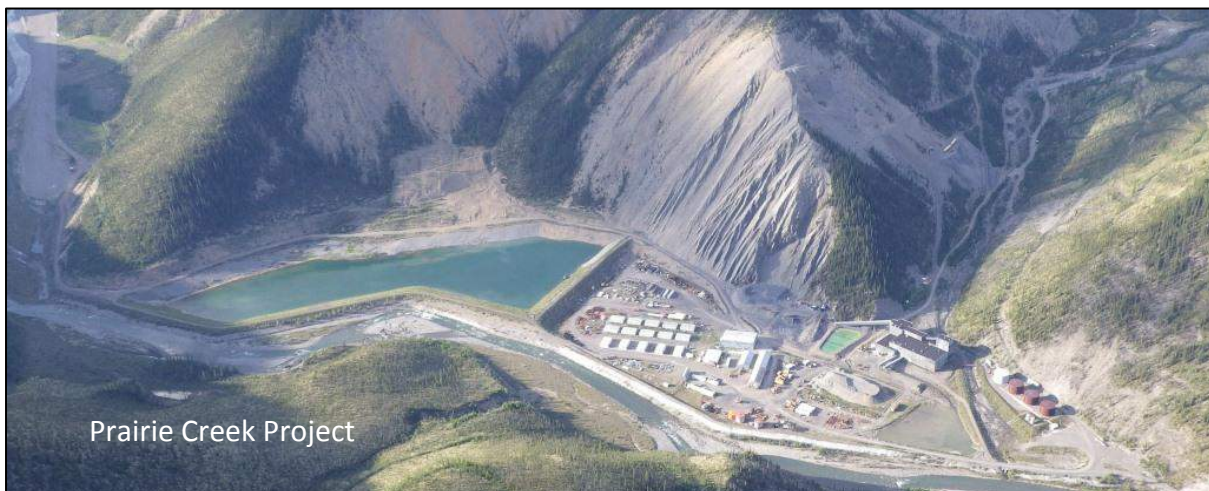
On July 8, Canadian Zinc Corporation announced that the Mackenzie Valley Land and Water Board (“MVLWB”) had completed its regulatory process for the issue to Canadian Zinc of a Type “A” Water Licence for the Company’s wholly owned Prairie Creek Mine in the western NWT and has forwarded the Licence to the Federal Minister of Aboriginal Affairs and Northern Development Canada with the recommendation that the Minister approve and sign the Licence.

“This Type ‘A’ Water Licence is the key regulatory permit needed for the construction, development and operation of the Prairie Creek Mine” stated Alan B. Taylor, COO and VP of Exploration for Canadian Zinc.

“The successful completion of the regulatory process is the culmination of many years of effort by the Canadian Zinc team, the Mackenzie Valley Land and Water Board, the various government agencies and all the stakeholders in the region. The positive recommendation of the Water Board demonstrates that a broad consensus has been achieved through the process and we look forward to receiving the approval of the Minister and the issue of the Water Licence in due course”, added Mr. Taylor.

In its recommendation to the Minister, the Water Board provided some comments on the issues faced and the decisions made in respect of this Licence. The Board accepted the site-specific water quality objectives derived by Canadian Zinc. These are almost all more stringent than the country-wide guideline values adopted by the Canadian Council of Ministers of the Environment. The Board also determined, after many months of review and study, that effluent quality criteria using a variable load-based discharge approach, as proposed by Canadian Zinc, will be a more protective and practical way of controlling effluent discharge from the mine to Prairie Creek. The Board recognizes that this is a new approach compared to the standard fixed EQC, but believes that practical and effective mechanisms can be put in place to ensure compliance.

Upon receipt of Ministerial approval, the new Type “A” Water Licence MV2008L2-0002 will permit Canadian Zinc to conduct mining, milling and processing activities at the Prairie Creek



Mine Site, use local water, dewater the underground mine, and dispose of waste from mining and milling.

*Land Use Permit granted for Winter Road*

In January 2013, the MVLWB issued Land Use Permit (“LUP”) MV2012F007 which permits the construction, maintenance, operation and use of the winter access road connecting the Prairie Creek Mine to the Liard Highway. This permit allows the outbound transportation of the zinc and lead concentrates produced at the mine, and the inbound transportation of fuel and other supplies during the actual operation of the Prairie Creek Mine.

*Land Use Permit granted for Mine*

In June 2013, the MVLWB issued LUP MV2008D0014 which permits Canadian Zinc to extract ore and waste rock from the Prairie Creek Mine, operate a flotation mill concentrator to produce zinc and lead concentrates, create a waste rock facility, and refurbish and develop site facilities in support of the mining operation, along with the eventual closure and reclamation of the mine site.

*Land Use Permit granted for Transfer Facility*

Also in June 2013, the MVLWB issued LUP MV2008T0012 which permits Canadian Zinc to construct and operate the Liard Transfer Facility to be situated near the junction of the existing Prairie Creek Mine access road and the Liard Highway. The Liard Transfer Facility is a staging area at the south end of the winter access road designed to temporarily store outbound concentrate and inbound supplies.

Following the approval of the Type “A” Water Licence from the Minister, and receipt of a final LUP and a Type “B” Water Licence from Parks Canada for the portion of the realigned access road within the Nahanni National Park Reserve (“NNPR”), Canadian Zinc will have secured all of the water licenses and land use permits required to operate the Prairie Creek Mine. Canadian Zinc currently holds a LUP issued by Parks Canada for the use of the original road route through NNPR to resupply the mine site during exploration activities.

Read the [full news release](#) for a good background on the approvals process for the Prairie Creek project.

## **NICO mine and mill receives government approval to proceed to licensing**

On July 19, Fortune Minerals received approval for its NICO gold-cobalt-bismuth-copper mine and mill in the NWT from the Tlicho and the Federal governments, to proceed to the water licensing and land use permitting process required to secure the primary permits required for the mine development. The decision marks acceptance by the two governments of the Mackenzie Valley Review Board's (MVRB) Report of Environmental Assessment and Reasons for Decision dated January 25, 2013.

Dr. Richard Schryer, Fortune's Director of Regulatory and Environmental Affairs stated, "Approval of the NICO mine and mill by the Minister and Tlicho Government allows us to enter the regulatory phase of project permitting using information gathered during the review of the environmental assessment. Our efforts over the last few months preparing for this final stage of

the permitting process will facilitate receipt of the permits required to initiate construction in 2014."

Mr. Robin Goad, CEO of Fortune commented, "This permitting milestone at NICO contributes to the momentum the Company is building for the development of our two key Canadian mining assets. We are a step closer to our goal of transitioning to a multi-asset producer."

This significant approval was complemented earlier in July, when Fortune received its Land Access Permit from the Tlicho Government, one of the first permits issued by that Aboriginal Government. It provides access to Tlicho Lands for the NICO project and will allow Fortune to complete geotechnical and other work needed for detailed engineering for the NICO Project Access Road this summer.

Tlicho Grand Chief Eddie Erasmus, in a letter to Fortune commented, "Your company is a significant investor in mineral resources surrounded by Tlicho fee simple lands. We are confident that our Land Use Plan Law will provide guidance to your company with respect to the various requests for access through our lands for the scheduling of mine development."

Fortune is conducting site preparations including construction of laydown areas to receive equipment and materials this winter in anticipation of commencing construction in 2014, subject to completion of the project financing and receipt of all applicable permits. Fortune has prepared for this final stage of the permitting process and fully expects to progress in an



efficient manner given the positive foundation already built during the environmental assessment process.

Fortune continues to work with Deloitte & Touche Corporate Finance Canada to attract one or more strategic partners to provide the project financing for the NICO project. NICO is planned to become a Canadian-based producer of cobalt with 15% of global bismuth reserves and a significant gold co-product and presents an attractive opportunity for prospective partners to secure a reliable source of supply of these metals. Discussions are ongoing with several parties interested in participating in the development of the NICO project.

Click [here](#) for the full news release.

### **Nechalacho Rare Earth Element project approval recommended**

On July 26, the Mackenzie Valley Environmental Impact Review Board (Review Board) recommended to the Minister of Aboriginal Affairs and Northern Development Canada (AANDC) that the Nechalacho Rare Earth Element Project (the Project) can proceed to the regulatory phase for approvals, subject to measures that minimize adverse environmental impacts. The developer of the Project is Avalon Rare Metals Inc.

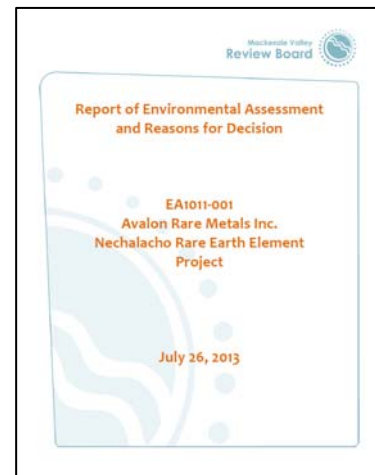
The Project includes two sites and barge transport across Great Slave Lake:

- Nechalacho Mine and floatation plant - underground rare earth element mine located near Thor Lake on the north side of Great Slave Lake
- Hydrometallurgical plant – facility to process the rare earth element concentrate located at the former Pine Point mine site on the south side of Great Slave Lake
- Barge transport on Great Slave Lake – barge transport of fuel and materials from Hay River to Nechalacho to construct and operate the mine and transport of rare earth element concentrate from Nechalacho to Pine Point for further processing

After careful consideration, the Review Board concludes that the Project as proposed is likely to cause significant adverse environmental impacts, but these impacts will be minimized by the measures set out in the Review Board’s Report so that they are no longer significant.

These measures will:

- minimize impacts from the Project on water quality at both the Nechalacho site and the hydrometallurgical site
- require preparation and implementation of a wildlife and wildlife habitat protection plan to reduce impacts to wildlife at the project scale
- preparation and implementation of a wildlife effects monitoring program to address regional scale wildlife impacts, particularly to caribou
- require signing a socio-economic agreement with the GNWT to maximize benefits to residents of the NWT



The Review Board's Report of Environmental Assessment and Reasons for Decision document for Avalon's Nechalacho Rare Earth Element Project, EA1011-001 is available online in the public registry at: <http://www.reviewboard.ca/> and download directly by clicking [here](#) or on the report icon.



Nechalacho camp site

Avalon made important commitments to minimize impacts from the Project on the environment including water quality, wildlife, air, impacts to Blachford Lodge and potential barging spills in Great Slave Lake. These commitments form part of the Project and need to be implemented.

In the opinion of the Review Board the measures and commitments described in the Report of Environmental Assessment will mitigate significant adverse impacts and address public concern. The Board recommends approval subject to these measures and implementation of the developer's commitments.

The Report has been sent to the Minister of AANDC for his consideration. Once the Report is accepted by the Minister of AANDC, the Nechalacho Rare Earth Element Project can move to the permitting and licensing phase.

### **Minister Approves 12-year Water License for Mary River Iron Mine**

On July 19, the Nunavut Water Board posted a letter from Bernard Valcourt, Federal Minister of Aboriginal Affairs & Northern Development, acknowledging approval of the Board's issuance of a new Type "A" Water License for water use and waste disposal associated with the Mary River Project. The license was issued for a term of 12 years from June 10, 2013 to June 10, 2025. While noting some areas of concern, particularly with the handling of securities and the use of

schedules “to provide clarification and guidance to the Licensee”, Minister Valcourt did acknowledge that rejection of the license would cause a significant delay to the project.

Pursuant to the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the Agreement between the Inuit of the Nunavut Settlement Area and the Government of Canada, the water license allows Baffinland to alter, divert, or otherwise use water or deposit waste for a period or amount stipulated in the license – in this case, 580,000 cubic metres of water per annum in the construction phase and 230,000 cubic metres per annum during the project operation phase for a period of 12 years.

Although the issuance of a 12-year license is a step above the usual five to seven year period, Nunavut’s mining industry continues to push for **life of mine licensing**, with scheduled, periodic reviews to ensure water-related requirements are addressed through up-to-date permit conditions. As it stands now, most operations are required to go through a completely new application and public review process for a water license renewal at considerable cost and time, not only to the company, but also to the Water Board staff, and other regulatory agencies as well as Designated Inuit Organizations.

Construction for the “Early Revenue Phase” of the Mary River Project is slated to begin in 2014.

### **Seabridge cameras capture wildlife painlessly**

To gather data on habitat usage by caribou, Seabridge Resources has placed 60 cameras at its Courageous Lake project site. Each camera takes a photo every 60 minutes day and night, and they also take 10 photos when they are triggered using an infrared motion trigger. The cameras were placed in locations that Aboriginal communities have said are more likely for caribou to use, such as eskers and river and lake crossings, where infrastructure is proposed, and at control sites.

From these cameras, Seabridge’s team is gaining information on what locations in the project area are used by caribou. Most of the sightings are on esker habitats, as Aboriginal communities indicated, and at certain lake shores and crossings. There is also a movement corridor to the west of the project site, which is corroborated by GPS collar data and Aboriginal Traditional Knowledge of caribou movements.

Seabridge downloads the cameras by swapping camera cards typically twice per year in May and September and sometimes mid-summer as well. They have been operating for 3 years.





## **Gahcho Kue JV signs IBA with North Slave Metis**

De Beers and Mountain Province Diamonds are pleased to announce that De Beers, as Operator of the Gahcho Kué Project, has entered into an Impact Benefit Agreement with the North Slave Métis Alliance for the proposed Gahcho Kué Mine. The agreement sets in place a framework for De Beers and the North Slave Métis Alliance to optimize the participation of the North Slave Métis Alliance in the Gahcho Kué Mine through employment, business opportunities, training and development, and financial benefits.

“This is the first Impact Benefit Agreement to be concluded for the proposed Gahcho Kué Mine,” said Glen Koropchuk, Chief Operating Officer. “The two negotiating teams worked hard and efficiently to complete this agreement, which is mutually beneficial and builds on the strong relationship already established. It incorporates the shared learning we have from our experience working together over the years at the Snap Lake Mine, which is also operated by De Beers. The negotiation of further impact benefit agreements is continuing.”



Glen Koropchuk, Chief Operating Office of De Beers in Canada, right, and Bill Enge, President of the North Slave Métis Alliance, sign an Impact Benefit Agreement between the Gahcho Kué Project Joint Venture and the NSMA.

"This is a good day for the North Slave Métis Alliance," said Bill Enge, President. "The life of mine Impact Benefit Agreement that we signed with De Beers for the proposed Gahcho Kué diamond mine ensures the North Slave Métis people will benefit from this development. We're looking forward to working with and strengthening our relationship with De Beers. They have a great track record of working with us with respect to their Snap Lake diamond mine and we have every reason to believe their Gahcho Kué mine track record will be matched."

The Gahcho Kué diamond mine will have a mine life of approximately eleven years, will employ up to 700 people during construction and approximately 400 people during operations. It will produce on average 4.5 million carats annually over its mine life.

## **New! 2012 Snap Lake Mine Socio-Economic Report Released**

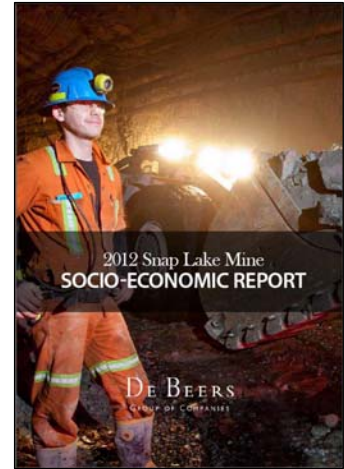
De Beers Canada has posted their latest annual Snap Lake Mine Socio-Economic Report 2012. This document provides information regarding De Beers' social performance for the Snap Lake Mine and updates regarding employment, training, procurement and social investment in the Northwest Territories.

Highlights of the 2012 Socio-Economic Report include:

- NWT resident employment reached its highest to date: 275 full-time equivalent jobs;
- The mine workforce included 21 NWT trainees;

- \$134.1 Million dollars spent with NWT Businesses;
- Publication of an anthology of NWT writing in partnership with NorthWords NWT;
- Launch of a new NWT scholarship program to grow investment in NWT Students; and
- Corporate Social Investment in education and training, sponsorships and cultural support that surpassed \$3.3 million.

Click [here](#) to download the report and read about the many positive benefits generated for communities by the Snap Lake Mine.

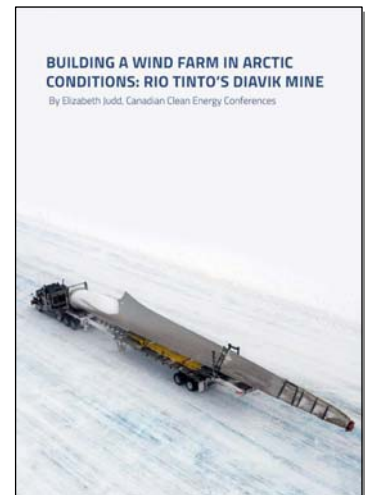


### Case Study on Diavik Wind Project

Finding a way to power the Diavik Diamond Mine in Canada’s Northwest Territories, an area where the thermometer can plunge to -50 degrees Celsius, is a large and costly challenge for Rio Tinto. Until 2012, this remote Arctic site relied entirely on diesel for all its energy needs, using approximately 70 million litres of diesel a year. Today, the mine has four 2.3 megawatt wind turbines that supply an average of 10% of the mine’s total energy needs.

The harsh climate on the Lac de Gras island where the Diavik wind diesel hybrid facility is based places several constraints on how energy is supplied. Liezl Van Wyk, manager of business improvement for the Diavik Diamond Mine, points out that there are no regular roads, shipping routes or transmission lines to the diamond mine, nor is there “a gas station around the corner where we can go buy our diesel.” Supplies are trucked to the site during six-to-eight weeks in winter when an ice road is constructed from Yellowknife.

Van Wyk will be joining other mining and renewable energy this September 25-26 at the [Renewable Energy and Mining Summit](#) in Toronto to discuss the implementation and operation of Diavik’s wind farm. The summit will feature the most recent case studies from global mine’s that have incorporated renewables into their energy mix and the challenges and benefits of choosing and implementing these systems. The case study was prepared for the Summit and can be accessed [here](#). It can also be downloaded from the Chamber website here.



### Getting to ‘Yes’ – Strong messaging from former Indian Affairs Minister

At the Assembly of First Nations annual assembly in Whitehorse, the Honourable Jim Prentice, Senior Executive Vice-President and Vice Chairman of CIBC, made a rousing speech in support of Aboriginal communities and industry working together for a mutually better future for Canada. Mr. Prentice is in a good position to speak to the issue after being the Minister of Indian Affairs & Northern Development and also the Minister of Environment for Canada.

The full speech is a good read with strong supporting messages. Here are a few:

- I have always believed that without the contributions of our First Nations, there would be no Canada. And along with so many others, I have always believed that a day would come when Aboriginal Canadians would be true partners in building out this country.
- A day when resource and energy projects would hold for First Nations, Inuit and Metis the promise of economic benefits – such as employment, revenue sharing and equity participation. A day when Aboriginal Canadians would be central to the discussion of how Canada can best make use of its resource bounty, now and in the future.
- Across this country, that day has arrived. I believe it is yours if you choose to seize it.
- The duty to consult and accommodate was created as a way to get to 'Yes,' not as a way to get to 'No.' It was created by judges to ensure that First Nations had a seat at the table in decisions involving resource development. It was created to assist First Nations in extracting meaningful economic participation from those decisions. It was meant to carry us forward. It was not meant to serve as a mechanism to block projects, veto development or leave First Nations in continuing poverty. I think this is sometimes lost today by those, on both sides of the table, who see these duties as a legal game of cat and mouse.

Download the full speech [here](#).

### **Two Chamber mining members named in Best 50 Corporate Citizens in Canada**

In its latest issue, *Corporate Knights* has named two Chamber of Mines members in its 2013 *Best 50 Corporate Citizens in Canada* list. We congratulate Agnico-Eagle Mines and Cameco for this important recognition.

Companies with revenues of at least \$2 billion and 2,000 employees in 2011 were measured on environmental, social and governance indicators found in public information. Indicators include, but are not limited to, energy, carbon and water productivity, and percentage of women and minorities on Boards.

For more information, read the story on the *Corporate Knights* site [here](#).



### **CanNor signs MOU to work with NWT Government**

The Canadian Northern Economic Development Agency is collaborating with the Government of the Northwest Territories to promote economic development from resource development projects.

A Memorandum of Understanding (MOU) confirms both parties' commitment to supporting responsible resource and infrastructure development to promote economic prosperity for the

people and communities of the Northwest Territories (NWT). The MOU can be downloaded by clicking [here](#).

Under this MOU, CanNor and the GNWT will work cooperatively to facilitate the effective and transparent environmental assessment and regulatory process of resource development and regional infrastructure projects in the NWT. CanNor, through its Northern Projects Management Office (NPMO), and the GNWT will also work to align their respective efforts to foster positive economic outcomes for the people and communities of the NWT.

"CanNor is pleased to be working in partnership with the GNWT," said Patrick Borbey, President of CanNor. "This MOU highlights a commitment between our organizations to work together to advance positive socio-economic outcomes for the people of NWT related to major projects moving forward in the territory."

"This is an exciting time for the Northwest Territories, and we are pleased to confirm our partnership with CanNor," said Penny Ballantyne, Secretary to Cabinet. "We both have much to gain from supporting responsible resource and regional infrastructure effective and transparent environmental assessment/impact review, and economic development for NWT communities. This partnership approach will be especially important as we plan to take on responsibility for managing public lands and resources on April 1, 2014."



The NWT is rich in natural resources and has an increasing number of projects going through the environmental assessment process. Both governments are working together to prepare communities to take advantage of the benefits of these major projects, such as jobs and long-term economic growth.

NPMO, as part of CanNor, has a mandate to improve the timeliness, predictability and transparency of regulatory processes in the North to help create a more stable and attractive investment climate in the territories.

CanNor works with northern communities to prepare them to participate in and benefit from major projects and northern resource development through community planning, including by identifying training, employment, and business opportunities.

CanNor fosters northern economic development through funding programs, providing project management services, leveraging the federal role in the North, serving as a champion for northern interests, and undertaking policy and research.

## **Lutsel K'e Youth Make Friends with Science**

Lutsel K'e, NT, July 2013: Youth in Lutsel K'e rolled up their sleeves and discovered firsthand what it's like to think like an engineer, design and build like an engineer – and to be an engineer – through a week-long science and engineering camp designed to expose participants to a wide variety of science, engineering and technology careers and future work opportunities.

The camp, which was delivered by DiscoverE, an Actua member located at the University of Alberta, was supported by Diavik Diamond Mines Inc.

Youth learned about the significance of the mining industry and the myriad of related career opportunities through hands-on activities, ranging from simulating the formation of igneous, metamorphic and sedimentary rocks, to designing circuits and exploring the conductivity of various materials and designing structures.

Youth learned more about careers in mining when Gus Fomradas, a geologist at Diavik Diamond Mines Inc., visited the camp to help lead participants through different rock cycles. Using coloured crayon pieces to represent the differences between igneous, sedimentary, and metamorphic rock, campers learned to treat each group in ways that mimicked the conditions that cause different rock formations. "I was honoured to be able to participate in the DiscoverE camp and grateful Diavik was able to help sponsor the camp. It was great to meet the kids and talk to them about the Diavik Mine and Geology and a lot of fun," said Gus Fomradas.

"Diavik is very pleased to assist with Actua's DiscoverE program as it focuses on youth and education at the community level," said Diavik Manager Communities and External Relations Corey McLachlan. Actua CEO Jennifer Flanagan, spokesperson for Canada's leading science, engineering and technology youth education outreach organization says, "Programs like these that help build self-confidence among youth, and expose them to dynamic role models like the DiscoverE instructors from the University of Alberta and the geologist from Diavik Diamond Mines play an important role in shaping the attitudes of youth and inspiring them to stay in school and achieve their potential.

**About Actua:** Actua is Canada's leading science, engineering and technology youth outreach network. Over 3 million young Canadians have been inspired through their participation in Actua's positive, hands-on educational workshops, camps and community outreach initiatives. Each year, Actua's growing network of member organizations reach over 225,000 young Canadians in over 500 communities nationwide. Actua's major funders include: Suncor Energy Foundation, GE Canada, Federal Economic Development Agency for Southern Ontario, Ontario Trillium Foundation, Natural Sciences and Engineering Research Council of Canada, Synapse – CIHR Youth Connection, Government of Nunavut and Shell Canada. For more information about Actua visit [www.actua.ca](http://www.actua.ca) or [north.actua.ca](http://north.actua.ca). First Air is Actua's partner airline for Northern outreach programming.

## **De Beers Hay River Charity Golf Classic Sets New Fundraising Record**

De Beers is proud to announce the sixth annual De Beers Charity Classic Golf Tournament has set a new fundraising record, with \$67,195 raised July 5-6 for the Health and Wellness Foundation of Hay River and Hay River Junior Golf.

The tournament was held at the Hay River Golf Club and featured 22 teams from De Beers and our business and community partners. This brings the total raised between 2007 and 2013 to a

little more than \$267,000. The 2013 fundraising total includes \$65,595 for the Health and Wellness Foundation and \$1,600 for Junior Golf.

“De Beers is proud to bring together partners who share our goal of making a positive, lasting contribution to the community,” said Glen Koropchuk, Chief Operating Officer for De Beers in Canada. “The money we raise helps fund the important equipment needed to provide quality health care for the residents of Hay River and communities close by.”

The funds raised from the tournament will enable the Foundation purchase every piece of equipment identified in their 2013 Give ‘PEACE’ a Chance Campaign, include a blood analyzer, rapid infuser, suction pump and other equipment. ‘PEACE’ stands for Portable Emergency Acute Care Equipment. All of the new equipment can be moved to the new health care facility now under construction in Hay River.

“In 2012, our hospital received the highest level of accreditation available, Accreditation with Exemplary Standing, thanks to equipment purchased with funds raised during the De Beers Charity Classic,” said Heather Coakwell, President of the Health and Wellness Foundation of Hay River. “These awards are not handed out frequently or lightly and we could not have achieved this without De Beers.”

Hay River resident Jason Coakwell won the .744 carat De Beers diamond by putting his shot 4’6” from the hole during the Snap Lake Mine Diamond Shootout.

### **New Maps: Important Wildlife Areas in the Western Northwest Territories**

The NWT Government (GNWT) has produced a report that presents known Important Wildlife Areas in the western NWT. It might help exploration and mining companies understand any special wildlife values in areas they plan to work in.

Report by: J.M. Wilson and C.A. Haas. 2012. Manuscript Report No. 221. Environment and Natural Resources, Government of the Northwest Territories.

The areas are based on discussions during 2006 and 2009 with communities, co-management boards, departmental staff, and others as well as review of available reports.

Key wildlife habitat areas were identified for barren-ground caribou, mountain woodland caribou, Peary caribou, Dolphin-Union caribou, Dall's sheep, moose, mountain goat, muskox, wood bison, beaver, grizzly bear, polar bear, lynx, marten, muskrat, western toad, and peregrine falcon.

Unique areas important for multiple species were also identified, including mineral licks, and hot and warm springs. The report includes a map for each Important Wildlife Area and explains why it was identified.

The purpose of this report is to provide information to help make sound management decisions. The state of knowledge about areas important to wildlife, and the areas themselves, will change over time.



GNWT intends to expand the report to include the eastern NWT and to publish a revised version every 10 years. Their hope is that the publication of this report will prompt NWT residents to provide additional information that can be used to improve its accuracy and usefulness in the future.

The entire report or just portions on specific species can be downloaded by clicking [here](#). In addition, Shapefiles for the Important Wildlife Areas are available from the [Centre for Geomatics](#). To view the Important Wildlife Areas using Web Mapping Services, click [here](#). To download the spatial data files, click [here](#).

Information or feedback on the report and maps may be provided at any time to the Director, Wildlife Division, Environment and Natural Resources in Yellowknife.

### **Zinc, all you ever wanted to know! ... and more**

In Nunavut and the NWT, there are several projects that include zinc as one of their main products. This includes MMG's High Lake and Izok deposits, GoldcoreXstrata's Hackett River deposit, Canadian Zinc's Prairie Creek and Tamerlane's Pine Point deposits. If you've ever wondered about zinc and just what it's used for, there are some new and informative resources available.

For example, did you know?

- There will be zinc shortage in the near term? Starting in 2013, three of the world's largest zinc mines will be shutting down: Century, Australia (MMG Limited), Brunswick, Canada (Xstrata Zinc), Lisheen, Ireland (Anglo Base Metals). These mines account for a large percentage of the global zinc supply annually. Without these mines, the remaining operational mines may not be able to produce enough zinc to meet demand, resulting in a global deficit of zinc. (Hope for a price hike!)
- 450,000 children are at risk of dying every year due to the impact of zinc deficiency? A few extra milligrams of zinc every day can make a huge difference. Zinc-containing supplements are a quick and easy, effective and inexpensive remedy. Visit the Zinc Saves Kids website by clicking [here](#). Visit the International Zinc Association website [here](#).



## Member News Releases this past month

Links are live in the following news releases issued by our member companies this past month.

- **The Review Board releases its Report of Environmental Assessment on the Nechalacho Rare Earth Element Project** (July 26, 2013) The Mackenzie Valley Environmental Impact Review Board recommends to the Minister of Aboriginal Affairs and Northern Development Canada that the Nechalacho Rare Earth Element Project can proceed to the regulatory phase for approvals, subject to measures that minimize adverse environmental impacts. [Click for more](#)
- **Fortune Minerals announces closing of the first tranche of the Procon Resources strategic investment** (July 25, 2013) Fortune Minerals Limited is pleased to report that it has closed the first tranche of the private placement related to the previously announced strategic investment by Procon Resources Inc. [Click for more](#)
- **Agnico Eagle reports second quarter 2013 results – Significant capital and operating cost reductions announced – 2013-2015 production guidance maintained** (July 24, 2013) (All amounts expressed in U.S. dollars unless otherwise noted) Stock Symbol: AEM (NYSE and TSX) TORONTO/PRNewswire/ – Agnico Eagle Mines Limited (NYSE:AEM, TSX:AEM) (“Agnico Eagle” or the “Company”) today reported a quarterly net loss of \$24.4 million, or \$0.14 per share for the second quarter of 2013. [Click for more.](#)
- **Manson Creek Commences Field Work on Grommet Property in Yukon and Approved for Yukon Mining Incentive Grant** (July 24, 2013) Creek Resources Ltd. is pleased to announce that work has commenced on the Grommet property, Yukon and that it has been approved for a Yukon Mining Assistance Program (‘YMIP’) grant ... [Click for more](#)
- **Sabina Gold & Silver Announces Positive Results from Umwelt Deposit at Back River Project -** (July 24, 2013) Vancouver, BC – Sabina Gold & Silver Corp is pleased to provide an update on the Company’s 2013 exploration program and to announce continued positive drilling results at the Umwelt deposit on the Goose property. [Click for more.](#)
- **Sabina Gold & Silver Announces AGM Voting Results** (July 23, 2013) – Vancouver, Canada – Sabina Gold & Silver Corp. in accordance with Toronto Stock Exchange requirements, is pleased to announce the voting results for election of its Board of Directors at the Annual and Special General Meeting of Shareholders held on June 13, 2013 in Vancouver, British Columbia. [Click for more.](#)
- **TerraX Completes Airborne Geophysical Survey and Field Exploration Program at Northbelt Gold Property, Yellowknife, NWT; Interpretation of Assay Results Pending** (July 22, 2013) TerraX Minerals Inc. has completed its initial exploration programs on its wholly-owned Northbelt property in the Yellowknife gold camp, NWT. [Click for more](#)
- **Stornoway Announces Updated Renard Mineral Resource Estimate** (July 23, 2013) Successful Conversion of Renard 65 to Indicated Mineral Resource. Stornoway Diamond Corporation is pleased to announce an updated Mineral Resource estimate by GeoStrat Consulting Services Inc. for the Renard Diamond Project, in Quebec. [Click for more](#)
- **MMG on track to deliver annual copper and zinc guidance** (July 22, 2013) MMG Limited announced its second quarter production report today highlighting the company is on track to deliver annual production ... of copper and zinc in 2013. [Click for more](#)
- **Dominion Diamond Corporation announces election of directors** (July 22, 2013) Dominion Diamond Corporation today announced that the nominees listed in the management information circular ... were elected as directors of the Company on July 19th, 2013. [Click for more](#)



- **Gahcho Kué Receives Environmental Impact Review Board Approval** (July 22, 2013) De Beers Canada and Mountain Province Diamonds are pleased to announce that the MVEIRB has recommended approval of the proposed Gahcho Kué diamond mine subject to measures and follow-up programs. [Click for more](#)
- **NWT Panel Recommends Gahcho Kué Mine Project Advance to Permitting** (July 19, 2013) The Gahcho Kué Panel recommends to the Minister of Aboriginal Affairs and Northern Development Canada that the Gahcho Kué Diamond Project can proceed to the regulatory phase for approvals, subject to measures that minimize adverse environmental impacts. [Click for more](#)
- **Federal Minister Approves new Mary River Type “A” Water License** (July 19, 2013) The Nunavut Water Board has posted a letter from the Minister of Aboriginal Affairs and Northern Development Canada approving the Board’s issuance of a new Type “A” Water Licence for the Mary River Project for a term of 12 years ... [Click for more](#)
- **Tyhee Announces Completion Of Non-Brokered Unit Private Placement** (July 19, 2013) Tyhee Gold Corp. is pleased to announce that, further to its news release of May 2, 2013, the Company has completed the sale of \$840,000 of three-and-one-half units to advance Tyhee’s Yellowknife Gold Project. [Click for more](#)
- **Avalon Reports on Rare Earth R&D Workshop hosted by NRCan** (July 19, 2013) Avalon Rare Metals Inc. is pleased to report on a Rare Earth Research and Development Workshop hosted by Natural Resources Canada and attended by 60 delegates from across industry, academia and government. [Click for more](#)
- **Fortune Minerals Receives Tlicho and Federal Governments’ Approval for the NICO Mine & Mill in the NT** (July 19, 2013) Project advances to licensing and permitting phase. Fortune Minerals Limited is pleased to announce that it has received approval for the NICO gold-cobalt-bismuth-copper mine and mill in the NWT from the Tlicho Government, as well as Government of Canada. [Click for more](#)
- **Fortune Minerals Annual 2012 Review** – Fortune Minerals Annual 2012 Review: “Developing Canadian Mines” – [Click to download](#)
- **Sabina Gold & Silver Clarifies Technical Disclosure** (July 16, 2013) As a result of a review by the British Columbia Securities Commission, Sabina Gold & Silver Corp. is issuing this news release to clarify disclosure relating to the Back River and Hackett River projects. [Click for more](#)
- **Fortune Minerals initiates 2013 EA program for Arctos** (July 16, 2013) Fortune Minerals Limited and POSCO Canada Ltd. are pleased to announce that their Arctos Anthracite Joint Venture summer field program has commenced in support of the environmental assessment ...[Click for more](#)
- **Nighthawk Appoints New Members to the Board and Grants Options** (July 16, 2013) Nighthawk Gold Corp. is pleased to announce that it has appointed Ernie Eves and Luc Lessard to its board of directors. [Click for more](#)
- **Dominion Diamond Corporation reports Diavik and Ekati Diamond Mine Second Quarter Production** (July 16, 2013) Dominion Diamond Corporation reports Diavik and Ekati Diamond Mine second calendar quarter production result. [Click for more](#)
- **Stornoway Receives Federal Government Authorisation For Renard Project – Major Project Permitting Completed on Schedule** (July 16, 2013) Stornoway Diamond Corporation is very pleased to announce the receipt of a positive Environmental Assessment Decision for the

Renard Diamond Project from the Canadian Environmental Assessment Agency. The project has now received all of the major Québec and federal government authorizations required to commence construction. [Click for more](#)

- **Elgin Mining Reports Record Second Quarter 2013 Production, Updated Mineral Resource ... for Björkdal Gold Mine and Updates** (July 15, 2013) Elgin Mining Inc. is pleased to announce record production results for the second quarter of 2013 and updated mineral resource and reserve estimates for its Björkdal gold mine ... [Click for more](#)
- **Olivut Resources Ltd. Exploration and Funding Update** (July 12, 2013) Olivut Resources Ltd. is pleased to provide an exploration and funding update. Airborne surveys will be undertaken over certain highest priority areas during the summer season. Olivut has financing in place to conduct the planned survey work. [Click for more](#)
- **North Arrow Acquires the Mel and Luxx Diamond Projects, Nunavut** (July 12, 2013) North Arrow Minerals Inc. is pleased to announce that it has acquired a 100% interest in each of the Mel and Luxx diamond projects, Nunavut. [Click for more](#)
- **Advanced Explorations Inc. Announces Closing of Shares for Service Issuance** (July 3, 2013) Advanced Explorations Inc. today announced that the TSX Venture Exchange has approved the previously announced issuance of 1,250,000 common shares to Haywood Securities Inc. ... [Click for more](#)
- **Gahcho Kué Joint Venture and North Slave Métis Alliance sign Impact Benefit Agreement** (July 10, 2013) De Beers and Mountain Province Diamonds are pleased to announce that De Beers, as Operator of the Gahcho Kué Project, has entered into an Impact Benefit Agreement with the North Slave Métis Alliance for the proposed Gahcho Kué Mine. [Click for more](#)
- **De Beers Hay River Charity Golf Classic Sets New Fundraising Record** (July 9, 2013) De Beers is proud to announce the sixth annual De Beers Charity Classic Golf Tournament has set a new fundraising record, with \$67,195 raised July 5-6 for the Health and Wellness Foundation of Hay River and Hay River Junior Golf. [Click for more](#)
- **Commander Expands Sarah Lake Nickel Property, Labrador** (July 9, 2013) Commander Resources Ltd. reports that it has reached agreement with Donner Metals Ltd. and Northern Abitibi Mining Corp. to acquire their 100% interest in Mineral License #17714M in Labrador ...[Click for more](#)
- **North Arrow Minerals releases Company Video Presentation** (July 8, 2013) North Arrow Minerals Inc. has prepared a Company and Project Overview video presentation synced to a voice recording by President and CEO, Ken Armstrong. [Click to view](#)
- **Agnico Eagle provides notice of release of second quarter 2013 results, conference call** (July 08, 2013) Agnico Eagle Mines Limited today announced that it will release its second quarter 2013 results on Wednesday, July 24, 2013, after normal trading hours. Webcast to follow. [Click for more](#)
- **Water Board Completes Prairie Creek Regulatory Process; Water Licence Recommended For Approval** (July 8, 2013) Canadian Zinc Corporation is very pleased to announce that the Mackenzie Valley Land and Water Board (“MVLWB”) has completed its regulatory process for the issue to Canadian Zinc of a Type “A” Water Licence for the Company’s wholly owned Prairie Creek Mine in the NWT. [Click for more](#)
- **North Arrow Acquires Option to Earn an Interest in the Redemption Diamond Project, NWT** (July 4, 2013) North Arrow Minerals Inc. is pleased to announce it has entered into an agreement with Arctic Star Exploration Corp. under which Arctic Star has granted North Arrow

an option to earn a 55% interest in the Redemption diamond project in the Lac de Gras region of the NWT. [Click for more](#)

- **Mountain Province Diamonds Announces Update Mineral Resource Estimate of the Gahcho Kué Diamond Project** (July 2, 2013) Indicated Resource Increases 12% from 50.5 million carats to 56.6 million carats. Inferred Resource Increases 80% from 10.3 million carats to 18.5 million carats. [Click for more](#)
- **Sabina Gold & Silver Announces Positive Results From George Property At Back River Project, NU** (July 4, 2013) Locale 2 highlights include holes 13GRL103 returning 8.96g/t Au over 18.50m, 13GRL102 returning 13.55g/t Au over 7.00m and 13GRL104 returning 18.34g/t Au over 8.75m. [Click for more](#)
- **Fortune Minerals receives Tlicho Land Access Permit** (July 3, 2012) One of the first permits issued under Tlicho Government's new Land Use Plan Law provides access to Tlicho Lands for the NICO project. [Click for more](#)

### Welcome New Members!

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

**5136 Nunavut Inc.** is a majority Inuit-owned company, partnered with 1984 Enterprises Inc. and has provided Safety, Staffing and First Aid services for 26 years. Their unique service provides a turn key solution for remote exploration sites requiring OH&S solutions in combination with medically trained personnel who are dual positioned assisting our clients in meeting Provincial or Territorial mining regulatory mandates. Contact: [accounting@1984inc.com](mailto:accounting@1984inc.com).

**Hatfield Consultants** has over 40 years of experience delivering environmental programs and services to the private and public sectors. Services include environmental impact approval programs, scoping, planning and delivery of environmental management & monitoring plans, aquatic ecology, water quality and hydrology, mitigation and compensation planning, permits and license application preparation. Hatfield has senior consultants with specific experience in Yukon, Nunavut and NWT. Visit: <http://www.hatfieldgroup.com/>

**YYZ Travel Service (Int'n'l) Inc.** is one of the largest independent travel management companies in Canada, and was founded in Toronto in 1986. YYZ Travel Group is also a member of Virtuoso, an international network comprised of some of the world's finest travel agencies. Their team is comprised of over 100 remarkable people from various backgrounds, and collectively speak over 20 different languages. Visit: <http://www.yyztravel.com/>



## Calendar of Events

- **23<sup>rd</sup> World Mining Congress & Expo (WMC 2013)**, Montreal, Quebec, August 11-15, 2013. Visit: <http://www.wmc-expo2013.org>
- **Prospects North 2013**, Explorer Hotel – Yellowknife, NT, September 9-11, 2013. Register here: <http://www.prospectsnorth.com/registration/>
- **Renewable Energy and Mining Summit**, Toronto, September 25-26, 2013. Visit: [Renewable Energy and Mining Summit](#).
- **International Mines Rescue Body (IMRB)**, Niagara Falls, ON, October 5 to 10, 2013. Hosted by the Canadian mining industry and Canadian mine rescue organizations. Visit: <http://www.imrb2013.ca/>.
- **Canada's North 2013**, The Conference Board of Canada's Centre for the North 2<sup>nd</sup> Northern summit, October 15-17, 2013, Whitehorse, Yukon. Click [here](#)
- **MDEC 2013**, the 19th Annual Mining Diesel Emissions Conference, Toronto Airport Marriott Hotel, October 8-10, 2013. Register [here](#).
- **CAMA 2013, Canadian Aboriginal Minerals Association 21st Annual Conference**, *Exploring Values, Mining Decisions*, November 3-5, 2013, Westin Bayshore Hotel, Vancouver, BC. Download brochure [here](#).
- **41<sup>st</sup> Annual Geoscience Forum**, Yellowknife, NT, November 19-21, 2013. Plan to attend the North's largest tradeshow and conference. Registrations opening soon on the website, [www.miningnorth.com](http://www.miningnorth.com).
- **2014 Nunavut Mining Symposium**, April 7 – 10, 2014, Iqaluit, NU. Visit: <http://www.nunavutminingsymposium.ca/>



Established 1967

**Northern Mining News** is written and published by the  
NWT & Nunavut Chamber of Mines  
for free distribution electronically to  
those interested in the northern minerals industry.

For further information contact us at:  
PO Box 2818, Yellowknife, NT X1A 2R1  
Email: [info@miningnorth.com](mailto:info@miningnorth.com)  
Website: [www.miningnorth.com](http://www.miningnorth.com)

## NWT Mining – SPECTACULAR!



© Aurora Geosciences Ltd.

## 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
<a href="#">Ekati Mine</a>	<a href="#">Dominion Diamond Corporation</a> , 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.
<a href="#">Diavik Mine</a>	Rio Tinto and <a href="#">Dominion Diamonds</a>	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.
<a href="#">Snap Lake Mine</a>	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.
<a href="#">Cantung Mine</a>	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.
<a href="#">Nechalacho</a>	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.	July 26 MVEIRB recommends project advance to permitting and licensing phase.
<a href="#">NICO</a>	Fortune Minerals Ltd.	Cobalt-gold-bismuth-copper	Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150	Federal and Tlicho Gov't approved NICO project proceed to regulatory phase. New strategic investment announced with Procon Resources. Fortune received Tlicho Land Access Permit, which provides access to Tlicho Lands for the project, and will support site preparations at NICO this summer.
<a href="#">Yellowknife Gold</a>	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	July 23, Tyhee NWT Corp requested a 6 month adjournment to the EA for the Yellowknife Gold Project as the most prudent action to take in this exceptionally challenging equity market.
<a href="#">Prairie Creek</a>	Canadian Zinc Corporation	Lead-zinc-silver	Proposed underground mine 120 km west of Ft. Simpson. Estimated mine jobs: 220	MVLWB recommended approval of Water License to Minister on July 8.
<a href="#">Gahcho Kué</a>	De Beers & <a href="#">Mountain Province</a>	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.	July 19 MVEIRB panel released positive Panel EA report recommending project move to licensing. Gahcho Kué Joint Venture signed socio-economic agreement with and NWT Gov't June 28, and IBA with NSMA July 10.
<a href="#">Pine Point</a>	Tamerlane Ventures	Lead-zinc	Company proposes underground mine east of Hay River, NT using freeze technology for water management. Estimated mine jobs: 225	January news releases indicate financing tranche for \$1.7m complete. In February, new experienced miner John Key appointed as CEO.

<a href="#">Courageous Lake</a>	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.
<a href="#">Selwyn</a>	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 <a href="#">Selwyn Resources</a> .

## Mines & Promising Nunavut Mine Projects

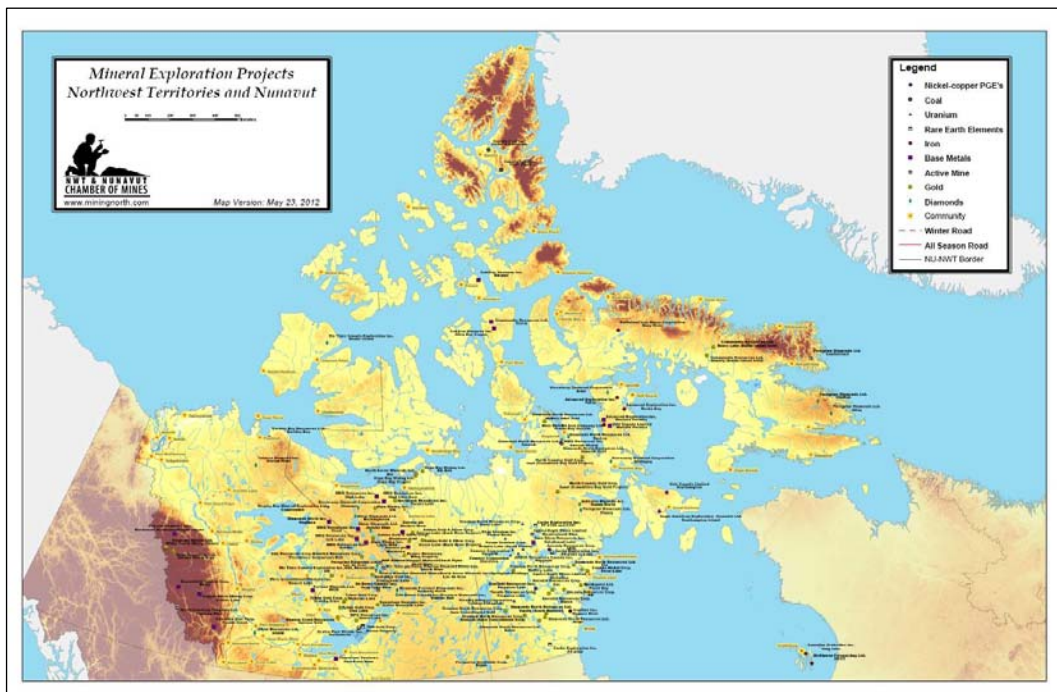
The following table describes a number of leading mineral development projects in Nunavut.

Project	Owner(s)	Commodity	Description	Status
<a href="#">Meadowbank Gold Mine</a>	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	July 24, Agnico Eagle reports Q2 2013 results - Significant capital and operating cost reductions announced - 2013-2015 production guidance maintained.
<a href="#">Mary River</a>	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 jobs: 715	Federal Minister approved Type A Water License July 15.
<a href="#">Kiggavik</a>	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	NIRB has set schedule for AREVA to submit its final EIS as September 30 2014, with final public hearings some time in 2015.
<a href="#">Meliadine Gold</a>	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	AEM to respond to DEIS IRs by June 27, 2013; Est. expenditures for development and exploration for 2013 - \$90M.
<a href="#">Hackett River</a>	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 Road & Port project, with Sabina.
<a href="#">Back River</a>	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	Plans to file DEIS by end of 2013. PFS expected to be complete by the end of Q1, 2013. 9 drill rigs working at George and Goose Camps. New gold results from George Lake announced July 4.
<a href="#">Izok Corridor Project</a> (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 examining alternative designs to reduce costs, add value, and improve economic viability of the project, and will provide a revised project description to NIRB by December, 2013.
<a href="#">ULU &amp; Lupin</a>	Elgin Mining Inc.	Gold	Located 285 km SE of Kugluktuk. Lupin mine: past production; 3.7 million oz. ULU deposit: indicated mineral resource; 751,000 tonnes	Lupin exploration camp shut down on April 29, 2013.

<a href="#">Roche Bay</a>	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	Positive Feasibility Study August 10, 2012. Announced opportunities for infrastructure support in construction of LNG power plant & port facility, February 5, 2013.
<a href="#">Chidliak</a>	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 61 known diamond-hosting formations.	CH-6 bulk sample scheduled to be processed for diamond recovery Q4, 2013. Peregrine announced small 2013 exploration program and it raised \$3.5m.
<a href="#">Doris North/ Hope Bay</a>	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	TMAC enters into MOU with KIA, March 14, 2013; NIRB confirms reassignment of Project Certificate to TMAC on April 11, 2013
<a href="#">Angilak</a>	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. 2013 drill program planned.
Jericho Diamond Mine	Shear Diamonds Ltd.	Diamonds	Project to reassess viability of reopening the former diamond mine, 255 km SSE of Kugluktuk.	All work on project has been halted.

### Detailed deposit map on website

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





Project Maps

