

Northern Mining News

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From the Executive Director ...

As we go to press, we are actively preparing for the North’s largest conference, the Geoscience Forum which is held in Yellowknife. This year looks to be as well attended as last, despite the difficulties juniors are having financing exploration projects.

A fascinating story to cover is the LNG investigations that Advanced Exploration is making and in partnership with the Nunavut Government. Googling that energy supply returns some interesting hits on Norway’s production and how it has built Arctic tanker capability around it. Seems like their Arctic success should make things easier in our own Arctic. Check out the story.

Training is always a great story to read, and this month we are pleased to report on the successful graduation of the second diamond driller helper program in Nunavut.

Hope to see you at Geoscience Forum!

Happy reading. ... TWH

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

Advanced is Advancing Alternative Energy for its NU Iron Mining Project

Advanced Explorations Inc. is advancing further engineering studies on its LNG Power solution for the Roche Bay Iron Project. The objective of this further engineering work is to determine the full extent of the advantages derived from a start-up scenario that would include LNG Power. This opportunity was identified by the recently released Roche Bay Feasibility Study which indicated the potential to reduce the project's FOB operating cost ("Opex") by approximately \$8/t to \$42/t for the base case 5.5 mtpa operation. These potential operating savings, which could be generated by an LNG Power option, support the Roche Bay Project OPEX objectives of becoming a lower quartile FOB cost producer.

AEI has investigated the LNG power option for over 18 months and, in its research, was also advised by some of the world's industry leaders. The Company is confident that an LNG power option is an affordable and viable option for power generation at Roche Bay. AEI's partner for the Roche Bay Project, XinXing Ductile Iron Pipes Co. Ltd. ("XDIP"), who has expertise in LNG, has also committed to work with the Company to better understand the economics of this power solution and whether or not the engineering can be accelerated to align with the project's start-up option schedule. Encouraged by AEI's Board of Directors and XDIP, the Company is currently finalizing plans to initiate a pre-feasibility study on the LNG power option that will provide insight on the viability of a turnkey power plant solution at Roche Bay.

The final report of the Alternative Power Concept Study, which was initiated on collaboration



A sign of the future? Could LNG as is carried in this Norwegian tanker provide better energy to our mines and seaside communities? A full load is sufficient to power a city with a population of 45,000 people. Advanced Exploration is hopeful LNG could provide energy to its mine, and help Nunavut communities too.
Photo from: <http://www.marinetraffic.com/>

between AEI and the Government of Nunavut (see press release April 3, 2012), is also expected to be completed shortly, and the Company is looking forward to being able to extend its collaboration with Nunavut.

According to AEI's President & CEO, John Gingerich: *AEI has concluded that there is considerable potential to deliver a sustainable and cost-efficient alternative power solution for the Roche Bay Project. Moreover, the knowledge gained from the engineering studies will provide a useful platform to solve one of the key challenges facing development of Canada's north; affordable power. Advanced studies on the LNG power will ultimately assist other resource development projects to gain operating cost efficiencies, such to ensure a competitive cost base for future developments in the north. Equally important is to apply these solutions, where appropriate, to reduce costs in our northern communities that are allocating significant amounts of their limited resources to Arctic diesel power generation.*

Progressive Management of Resource Revenues via NTI Trust Deed

At their October 26th Annual General Meeting, officials at Nunavut Tunngavik Inc. (NTI) signed the first ever *Resource Revenue Trust Deed*. This allows NTI to set up a trust fund to hold royalty monies generated from mining companies operating on Inuit-owned land.

According to recent media reports, the signing was "history in the making" and demonstrates a progressive aboriginal approach to managing potentially significant revenues. NTI's *Resource Revenue Policy*, which came into effect in 2011 states that NTI or a Regional Inuit Association "shall only enter agreements granting mineral rights on Inuit-owned lands that provide no less than 12% Net Profits Interest Royalty". These payments are unrelated to other fees and benefits such as those outlined in Inuit Impact and Benefit Agreements.

The Meadowbank gold mine has already produced royalties for NTI. Two payments, totalling nearly \$3 million, have been forwarded to Aboriginal Affairs and Northern Development for processing. (Payments go to the Government of Canada first because those mineral claims pre-date the Nunavut Land Claims Agreement and are considered "grandfathered". The Federal Government then forwards the payments to NTI, which in turn distributes to the Regional Inuit Associations according to a pre-determined formula.)

Several large proposed projects, such as the massive Mary River iron ore mine and the Hackett River zinc/silver/copper/lead deposit are located exclusively on Inuit-owned lands. When these projects proceed, they will translate into hundreds of millions of dollars flowing to this newly established trust every year.

The policy says the Regional Inuit Associations are to use these resources to create "both near-term and long-term sustainable benefits" for Inuit. These may be "for economic, social, cultural, environmental or other purposes."

No word yet on proposed spending plans for these new revenues.

2013 NWT Energy Plan – work beginning

The Minister responsible for Energy in the NWT has tabled a public discussion paper entitled, “*A Vision for Energy in the Northwest Territories: Developing the 2013 Northwest Territories Energy Plan*”. This paper is the first component of a multi-step process that will lead to the development of the 2013 Energy Plan. Residents, business, municipal governments, Aboriginal organizations and community groups are all invited to read this document and submit their comments to the Government. The paper lays out five key questions on which the Government of the Northwest Territories is asking the public for their input.

As a key part of its engagement and feedback process, the GNWT will host the 2012 Northwest Territories Energy Charrette on November 20, 2012 in Yellowknife. This stakeholder engagement and policy development event will include two open sessions, which will allow the public the opportunity to interact with energy experts, energy utility representatives, public servants and other Charrette delegates.

Outside of the open sessions, delegates from various levels of government, Aboriginal development corporations, energy utilities, non-government organizations, as well as energy experts, will all collaborate to help the GNWT create its energy agenda for the 17th Legislative Assembly and beyond. The delegates will share ideas, suggest investment criteria, and map out an implementation plan for the GNWT’s consideration. All of this work will be summarized in the Charrette Final Report, which will be publicly released in mid-December 2012.

After this important stakeholder engagement process is finished, the GNWT will use the results of the Energy Charrette to finalize the Energy Plan, which will be released in March 2013. The Energy Plan will firmly lay out the energy vision and policies of the GNWT, as well as provide details on spending initiatives and government priorities.

Mr. Speaker, this Government has invested heavily and made a great deal of progress in the past four years to increase the availability of local and renewable energy options for the residents and businesses of the Northwest Territories, while diminishing the role that imported, expensive diesel fuel plays in our energy supply mix.

Geoscience Field Assistant Training Moving Forward

Aurora College reports that the Request For Proposal for development of the Geoscience Field Assistant training program has closed and the successful proponent is Northways Consulting of Yellowknife, in partnership with Aurora Geosciences Ltd.

The plan is to complete the curriculum by early next year, in time to support a training program that will produce geoscience graduates for next summer’s exploration and geoscience season.



NWT Government Recognizes and Celebrates Two Geoscience Anniversaries

“This year marks the 10th anniversary of the NWT Geoscience Office as well as the 40th anniversary of the Yellowknife Geoscience Forum, both notable achievements,” so said the NWT Industry, Tourism and Investment Minister Dave Ramsay in the Legislative Assembly.

The Minister went on to say: “The NWT remains a land of opportunity. Our mining, oil and gas industries rely on modern, accessible geoscience information to make investment and land use decisions. Investing in geoscience programs attracts investment to our territory and creates spin-off exploration projects that will provide employment and business opportunities for NWT residents. The Northwest Territories Geoscience Office provides governments, industry, Aboriginal organizations and many other stakeholders with up-to-date, easily accessible geoscience information. This information is key to encouraging investment in mineral and petroleum exploration.”



President of the Chamber of Mines, Pamela Strand said, “We are very pleased to hear Minister Ramsay explain that for every dollar invested in government-funded geosciences in the NWT, five dollars are in turn spent by our mineral exploration companies. And since the NWT is one of the least mapped regions of Canada, we are also very pleased that the NWT Government will continue to support the work of the NWT Geoscience Office.”

The Minister also celebrated the 40th Anniversary of the Geoscience Forum. “I want to congratulate the NWT and Nunavut Chamber of Mines in reaching this historic milestone. The forum is many things to many people: a meeting place, a place to exchange information and ideas, a social event, a place to do business and an opportunity for our southern neighbours to understand Yellowknife winters. There is no other conference quite like it and newcomers continually marvel at all that is offered. It is the biggest conference in the North. Last year saw over 800 people registered for the event and this year promises to have the same high turnout. I thank both the Chamber of Mines and the NWT Geoscience Office for all their work in hosting this annual event, and congratulate them on a successful 40 years.”

Register to attend the 40th Geoscience Forum and find out what all the excitement is about. Visit: www.miningnorth.com/geoscienceforum.

Third Arviat Diamond Drillers Program – A Hat Trick for Success

For the third intake in a row, the “Arviat Diamond Drillers’ Training Program” has met with success for this tiny community, located in the southeastern tip of Nunavut’s Kivalliq Region.

The program was first offered in December 2011, followed by a second session in February of this year. Ceremonies on October 26th marked graduation day for 10 more successful students including Clarissa Ussak of Rankin Inlet, the second woman to complete the course.

Diamond drills are used in the mineral exploration industry worldwide and a number of drill programs have been running throughout the territory, including at Agnico-Eagle’s Meliadine

deposit, located 25 km northeast of Rankin Inlet. The Meliadine gold project completed its drill program in mid-September, resulting in 146,000 metres (yes, 146 kilometres!) of drill core to log.



Diamond driller graduates from recent course in Arviat, Nunavut

Agnico-Eagle Mines Ltd. has been the chief sponsor for the Arviat training program. Other partners include the Hamlet of Arviat, Orbit-Garant Drilling, Boart-Longyear Drilling, the GN Department of Economic Development & Transportation, Nunavut Arctic College, Kivalliq Partners in Development, and Northern College of Ontario and its Haileybury School of Mines.

Arviat's Mayor Bob Leonard said in a press release: "The Hamlet of Arviat continues to work to ensure our community benefits as much as possible from the mining activity in the Kivalliq region and across Nunavut. Training programs like this are an important part of our economic development strategy, and crucial to helping ensure a prosperous future for the community of Arviat."

Like the NHL, demand for the diamond drilling program is high. Despite its popularity however, it's not looking like the program will be offered again this winter. According to media reports, the potential for blizzards, travel delays, and scheduling conflicts all factored into the decision. Most notably, the reduced capacity of the Kivalliq Mine Training Society to offer funding and administrative support makes the implementation of these programs more challenging. Federal funding to the Mine Training Society ran out at the end of March.

But with continued high level industry support and activity in the region, optimism remains for the diamond drilling course to run again in 2013/14. Hopefully then, we can get back in the game.

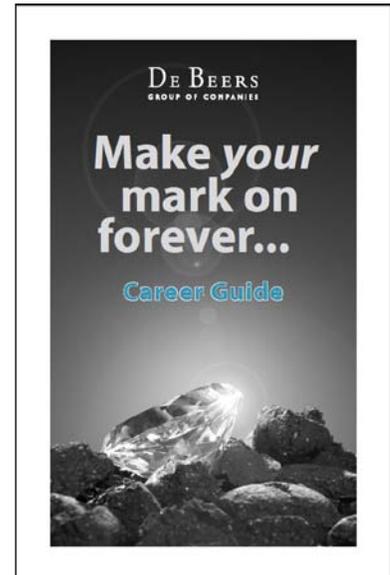
De Beers Canada’s Submits Mining Career Guide

As part of the Environmental Assessment of its Gahcho Kue diamond mining project, De Beers Canada has submitted to the Mackenzie Valley Environmental Review Board a copy of a new “Career Guide”.

De Beers developed the guide to show community residents just how many career opportunities there are at De Beers within its NWT operations. Within it, the reader will find information outlining the huge variety of jobs at De Beers, and generally what kinds of education, training or skills one needs in order to consider any of these job options.

De Beers will be using the guide [during career fairs and as a recruiting tool](#).

The guide can be downloaded from the Review Board’s public website by clicking [here](#).



Did you know? Oil is leaking out of Nunavut’s ocean!

At the recent Nunavut Petroleum Workshop in Iqaluit in October, geologist Dr. Gordon Oakey, a marine geophysicist for the Geological Survey of Canada, reported that as much as 25,000 to 75,000 barrels are leaking naturally from cracks in the ocean floor. Much of this is seeping off the east coast of Baffin Island, and when the oil reaches surface it can create oil slicks as big as 250 square kilometres. A natural phenomenon. Imagine that!

Coal in Nunavut too

Nunavut is known to host a wide variety of mineral deposits from gold to diamonds to uranium. Now, Chamber member, Canada Coal, has confirmed multiple high quality thermal coal deposits on its arctic coal license areas located on Ellesmere Island and Axel Heiberg Island in Nunavut. Their 2012 exploration program assessed well over 100 coal seams on the Company’s Fosheim Peninsula project area resulting in the identification of extensive zones of low-sulphur, low-ash, subbituminous, thermal coal. Fosheim Peninsula is one of six coal license areas owned by the Company.

Braam Jonker, President & CEO of Canada Coal, states: “We are greatly encouraged by the confirmation of extensive thermal coal deposits, with low sulphur and ash content, on our Fosheim Peninsula coal license area. These discoveries help to confirm the historic coal target size assessments throughout its arctic coal properties. The next phase of exploration will include an upcoming drill program to further define our thermal coal deposits and to explore for metallurgical



coal deposits at deeper levels. As our exploration programs progress, we are committed to close cooperation with local communities and transparent communication with all stakeholders.” Mr. Jonker further states, “Canada Coal is currently examining the potential for thermal coal on its arctic coal licenses as a solution for the current energy challenges in Nunavut. The Company is actively evaluating various fuel power generation technologies including coal to liquids (CTL) and coal water slurry (CWS).”

Throughout the field program 39 of the Company’s 75 total coal exploration license blocks were assessed including: 22 license blocks on Fosheim Peninsula, 8 license blocks on Bache Peninsula, 1 license block on Strathcona Fiord, and 8 license blocks on Vesle Fiord. Fosheim Peninsula remains the primary exploration target.

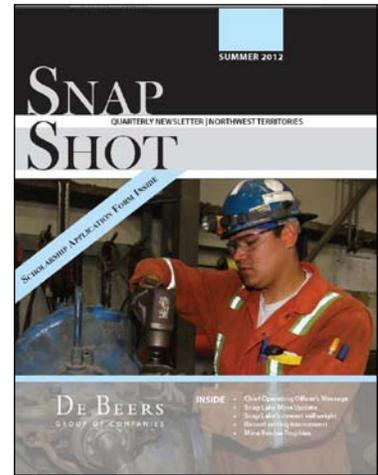
De Beers Newsletter available

De Beers Snap Lake Mine has released their latest newsletter, available by clicking [here](#).

The newsletter provides an update on employment achievements, provides an update on the Snap Lake mine operations, and introduces Stacie McSwain, one of its northern process plant operators. There is also an update on the Gahcho Kue project.

In his Welcome Message, COO Glen Koropchuk describes milestones achieved this past year, and also speaks to exciting changes coming as Anglo American plc takes over a larger share of ownership in De Beers from the Oppenheimer family.

De Beers has expanded its Scholarship Program by \$30,000 and application forms can also be found in the newsletter document, and can be [downloaded here from their website](#).



New Report: Once-in-a-generation Aboriginal Resource Opportunity

Aboriginal Canadians are on the cusp of a fundamental societal shift.

Over the next several years, more than 500 Aboriginal communities across Canada will find themselves living right in the heart of some of the biggest oil, gas, forestry and mining projects Canada has seen in decades.

Development offers many of these communities the chance to improve local economic and social conditions. Projects can lead to jobs, updated critical community infrastructure, and better education and health systems. Closer involvement in development projects will allow communities to lead efforts for long-term sustainability through greater oversight.

This is a once-in-a-generation opportunity to propel First Nations, Inuit and Métis communities into leadership positions in the resource sector.

This past summer, in partnership with Aboriginal Affairs and Northern Development Canada (AANDC), Natural Resources Canada and Human Resources and Skills Development Canada, the Public Policy Forum engaged a select group of leaders from Canada’s Aboriginal communities, natural resources sector, and public sector to focus on key questions of how we can improve Aboriginal engagement in these opportunities.

They have now released their report “Building Authentic Partnerships”.

Please [click here](#) to find the summary and the round table reports.



BC launches exciting mining career TV Mini Series

A BC partnership between government and industry has launched an exciting new TV mini-series called **Mining Your Future** to showcase the diverse career opportunities in BC’s mineral exploration and mining industry.

Filmed in stunning location, **Mining Your Future** is a 30 minute show packed with remarkable facts about the BC mining industry and what it has to offer as a new career.

Whether you are just finishing school or in the market for a professional change – BC’s mineral exploration and mining industry, offers over 120 different career opportunities.

Careers they job-shadow and feature in the 2012 season include: CEO/President, Geologist, Mining Engineer, Heavy Duty Equipment Mechanic, Human Resources Coordinator, Reclamation Environmental Technician, Mechanical Engineer, Mobile Equipment Operator, Blast Supervisor, Camp Chef, Metallurgical Engineer, Underground Miner, Investor Relations, Community Relations, and Mines Safety Superintendant to name just a few.

The show follows 3 unique jobs each week for 8 weeks – which means that from the comfort of your own couch, you’ll discover first hand, 24 of the 120 top paying job’s (average salary is over \$100,000) in the Province.

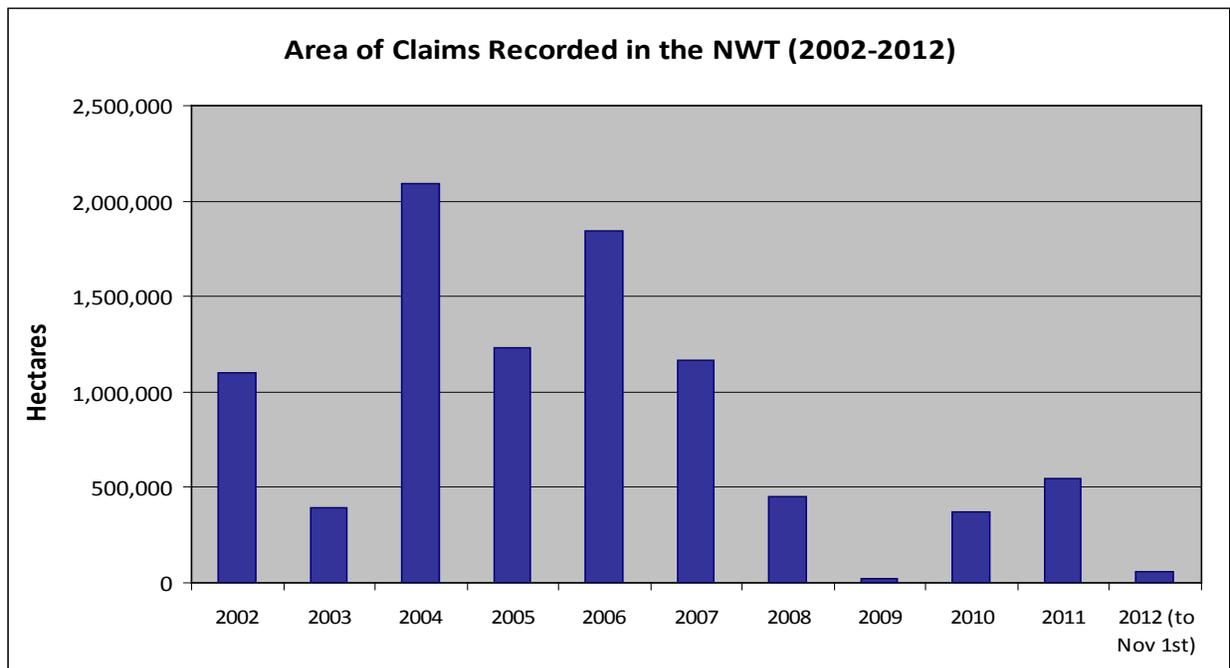
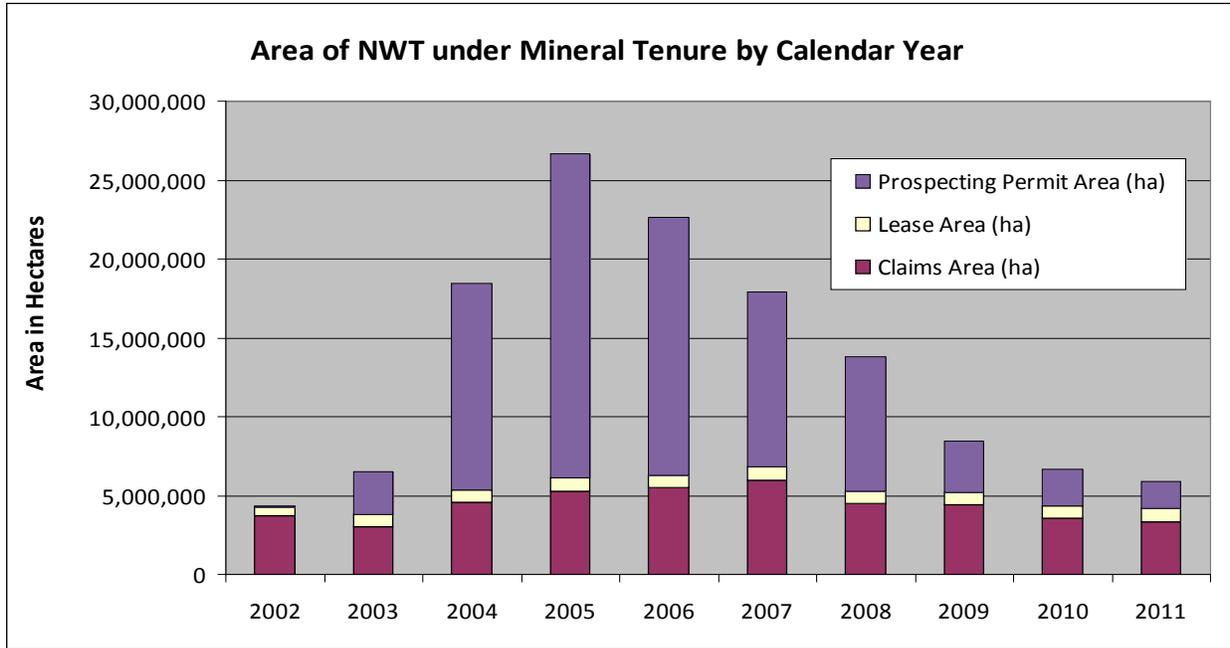
The show premiered September 8 and will run for 8 weeks BUT you can also watch all the episodes on line. Visit their site and plan your future! Go:

<http://www.miningyourfuture.com/>



Annual NWT Mineral Tenure Statistics

The NWT Mining Recorder’s Office has provided an update on mineral tenure for the NWT. It appears to be reflective of the lower investment activity, and gives us a benchmark to surpass next year. We are very hopeful that initiatives like our Chamber-Akaiitcho Memorandum of Understanding work, the NWT Government’s upcoming Mineral Strategy work, and the Northern Regulatory Improvement Initiative of the Federal Government, will help us attract more investment, and lead to more claim staking and exploration work.



Final Boreal Caribou Recovery Strategy Released

Environment Canada has posted the final Boreal Caribou Recovery Strategy on its website. EC says it received 19,046 comments. The majority of these comments were received as copies of form letters initiated by ENGO campaigns. The Chamber of Mines submitted one of the 192 detailed submissions.

From a development perspective, our concern was that the Dehcho was already in a deficit for caribou habitat WITHOUT ANY DEVELOPMENT OCCURRING. This is largely due to forest fires having burned much of the caribou habitat. Our concern was such an approach would put the Dehcho region in an untenable position of not being able to develop any land, not for mining, or for even community purposes, if it affected boreal caribou habitat.

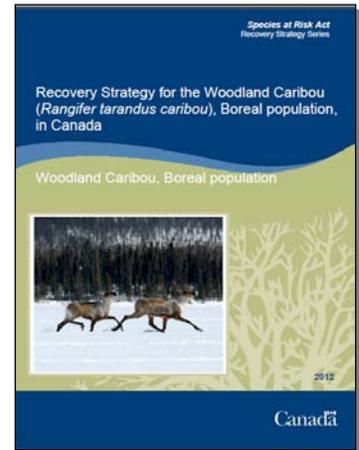
We understand that changes were made in the NWT that include amalgamating the two caribou regions into one continuous one the length of the western Mackenzie Valley. By combining the two regions, the northern region with its more than sufficient unaffected (burned) caribou habitat allows the Dehcho to develop some lands.

The strategy clarifies that the provincial and territorial governments have the lead role as wildlife managers, and the Federal strategy is a guidance document.

“Our Government is committed to conserving boreal caribou, an iconic species to Canadians from coast to coast to coast”, said Minister Kent. The goal is to achieve self-sustaining local populations in all boreal caribou ranges throughout Canada. It reflects the best available information, including scientific knowledge and Aboriginal Traditional Knowledge.

Success in the recovery of boreal caribou depends on the commitment, collaboration and cooperation of many different constituencies that will be involved in implementing the broad strategies and general approaches set out in this recovery strategy.

For further information, please click this [link](#) to the Species at Risk Public Registry.



Yellowknife Geoscience Forum Celebrates 40 Years!

The 40th annual Yellowknife Geoscience Forum will be held **Tuesday November 13th through Thursday November 15th**. This conference provides an intimate setting for the exchange of information on Mineral and Petroleum Exploration, Mining Activities, and Government and Academia Geoscience Research in Canada's north. The 2011 Yellowknife Geoscience Forum attracted over 800 delegates from industry, academia, and the Government.

The technical program, organized by the NWT Geoscience Office, consists of both oral and poster presentations. The technical program web page is available at www.nwtgeoscience.ca/forum/. The NWT & Nunavut Chamber



of Mines organizes the Forum registration, trade show and social events. More information can be found at www.miningnorth.com/.

Registration forms for the conference are available by contacting Cheryl Wourms at the Chamber of Mines, email: officemanager@miningnorth.com.



Chamber of Mines' Geoscience Organizer Cheryl Wourms predicts strong attendance at the North's largest conference again this year.

 <p>NWT & NUNAVUT CHAMBER OF MINES</p>	<p>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.</p>
<p><i>Established 1967</i></p>	<p>For further information contact us at: PO Box 2818, Yellowknife, NT X1A 2R1 Email: info@miningnorth.com Website: www.miningnorth.com</p>

Workshop on XRF Analysers – November 11, 12

**Portable XRF Analysers:
A workshop on how they work,
how to use them and getting licensed.**



November 11 Sunday – November 12 Monday

9 am – 5 pm includes Lunch and Coffee

Workshop Cost \$600 includes certification fees and exam fees. (Space limited to 20)

Portable XRF analysers represent an exciting new tool that has recently come into common field use by the mining and mineral exploration industry. These small hand-held or desktop instruments are in great demand because they provide rapid assessment of rock, soils and slurry chemistry, allowing companies and researchers to make rapid exploration decisions. Current models deliver concentration measurements for most elements at low detection limits. Typically, hand-held XRF instruments are used to rapidly analyze drill core, outcrops and ore-grade assessments in mine development situations.

The use of XRF units is restricted to trained personnel and this workshop will provide the training required for licensing. The workshop will also include opportunity to write the exams required for the licence and certification.

The workshop consists of:

DAY 1 Sunday November 11, 2012

A detailed overview of XRF as it pertains to both lower accuracy screening and higher accuracy analytical work.

What is involved and methods to attain higher levels of accuracy and reduce sources of error.

Analyzer operation demonstration.

A discussion of project design.

DAY 2 Monday November 12, 2012

Natural Resources Canada Radiation safety training including hands on practice and familiarization with different models of analyzers.

X-Ray Fluorescence Operator Certification Exam

In addition to the course materials, the NRCan Certification Information and Examination Preparation Booklet will be provided to participants in advance. People are encouraged to read this before attempting the exam. This workshop is sponsored by the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists.

For more information contact Hendrik Falck (876) 669 2481 or hendrik_falck@gov.nt.ca

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:

Azgard Corporation is a solar energy company with over 25 years of experience. Depend on Azgard for a complete range of services and long term support. Visit: www.azgard.com.

New Discovery Mines Ltd. is a Canadian company that provides exploration, development and management services for mineral exploration projects worldwide. Led by Dave R. Webb, B.A.Sc., M.Sc., PhD, P. Geol. with over 30 years of exploration and development experience around the world. Visit: www.DRWGCL.com.

Torus Ventures Inc. is a Canadian company that provide North American and international markets with certified LED Lighting solutions for industrial purposes. Visit: www.torusventuresinc.com.

Calendar of Events

- **2012 Yellowknife Geoscience Forum**, November 13-15, 2012, Yellowknife, NT. Plan to attend the north's largest conference. Visit: www.miningnorth.com/geoscienceforum.
- **Canadian Aboriginal Minerals Association Conference**, November 18-20, 2012, Sheraton Centre Hotel, Toronto. Theme: *Community Gems, Faceted Outcomes*. Visit: www.aboriginalminerals.com.
- **Kivalliq Trade Show**, November 19-22, 2012, Rankin Inlet, Nunavut. Visit: www.kivalliqtradeshaw.ca
- **Aboriginal Mining Education Forum**, November 20-21, 2012, Hyatt Regency, Toronto, ON. For more information and to register go to: www.aboriginalmining.ca
- **Global Mining Summit**, December 6-7, 2012, Red Rock Casino, Resort & Spa, Las Vegas, NV. For senior executives from the mining industry to attend strategic summit sessions led by leaders from across the industry. Visit: http://www.miningsummitna.com/mn_da.
- **AME BC Mineral Exploration Roundup 2013**, January 28-31, 2013, Westin Bayshore Hotel, Vancouver, BC. Visit: <http://www.amebc.ca/roundup/overview-2013.aspx>.
- **PDAC 2013 International Convention, Tradeshow, and Investors Exchange**, March 3-6, 2013, Metro Toronto Convention Centre South. Visit: <http://www.pdac.ca/pdac/conv/>
- **Nunavut Mining Symposium**, April 8-11, 2013, Iqaluit, Nunavut. Visit: <http://www.nunavutminingsymposium.ca/>

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From products that improve our daily lives, to meeting global demand, Canadian mining is spurring economic growth.

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What will we find next?

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. Workforce approximately 1,500.	2011 Year in Review report released. 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 to 2023. Workforce approximately 1,000.	1 million tonne underground production reached in May. Mine life now confirmed to 2023 with production from additional pipe, called A21. 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.	June news release reports significant new underground exploration results in "Amber Zone".
Nechalacho	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. Target for production start up remains late 2016 with initial product sales anticipated for 2017.	EA Update: responses submitted to Information Requests from Mackenzie Valley Environmental Impact Review Board. First of 3 Aboriginal Agreements signed. Feasibility Study on schedule for completion in Q2 2013.
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	With public hearings on EA complete, the public registry for the NICO Project closed October 22.
Yellowknife Gold	Tyhee NWT Corp	Gold	Proposed open pit and underground mine of 2 deposits (Ormsby and Nicholas Lake) about 90 km NE of Yellowknife. Est. mine jobs: 238	Positive Feasibility Study announced August 15, 2012. The Executive Summary of the Feasibility Study was provided to the Review Board as information to the Environmental Review currently underway.
Prairie Creek	Canadian Zinc Corporation	Lead-zinc-silver	Proposed underground mine 120 km west of Ft. Simpson. Estimated mine jobs: 220	Project in permitting and licensing. Preliminary Feasibility Study results issued June 27.
Gahcho Kue	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360	Public hearing dates for Environmental Impact Review finalized for Nov 30-Dec 8 in Dettah, Lutsel K'e, & Yellowknife.
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	Positive Preliminary Feasibility Study released July 24 with 6.5 million oz proven and probable reserves. 2012 exploration budget of \$8.5 million. Annual report released in May.
Selwyn Project	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.	Feasibility study to be done in 2012. Resource updated in August and surpasses 180 million tonnes. In early Sept, Selwyn suspended its Strategic Review Process as it contemplated the effects of "the worst economic times in recent memory" and potential sale of the project.

Mines & Promising Nunavut Mine Projects

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

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico-Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 450	Latest IIBA agreement signed October 23, 2012. Q3 Financial Results released October 24, 2012. Gold production estimated at 90,000 ounces per quarter for 2012.
Mary River	Baffinland Iron Mines	Iron	Proposed open pit mine with railway and port; 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: 3,500 – 5,000 Estimated mine jobs: 715	NIRB recommends Project Approval to Minister, subject to 184 conditions, September 14, 2012. Preliminary technical review for Type A Water Licence, October 18, 2012. IIBA expected to be completed end of November.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 1,300	AREVA anticipates submitting response to DEIS IR's by January 31, 2013.
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	Shear suspends stockpile production due to low diamond prices, September 4, 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 Inuit Owned Lands.
Hackett River	XStrata Zinc Canada	Zinc, Silver, Copper, Lead	One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Mineral leases cover 10,637 hectares. Estimated construction jobs: 800 Estimated mine jobs: 500	Advanced exploration and pre-feasibility ongoing.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of the George and Goose Lake deposits and holds significant gold resources.	2012 exploration budget approved at \$60M. Project Description submitted to NIRB in July to trigger EA.
Izok Corridor Project (with High 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	Based on 2011 Feasibility Study, Izok Corridor Project Proposal submitted to NIRB, September 4, 2012.
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. New CFO appointed.
Roche Bay	Advanced Exploration	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 announced August 10, 2012. Confirmed NPV of \$642M.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 59 known diamond-hosting formations.	Peregrine announced option for Joint Venture agreement with DeBeers, September 5, 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.

Project Maps

