

# **Northern Mining News**

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#### From the Executive Director...

Announcements this past month should add confidence to the investment climate in both territories.

The NWT Government announced they will work with industry to create a NWT Minerals Strategy beginning this year. With six mining projects in the pipeline, we could see 1,400 workers introduced into the economy sometime in the next three years. Under the Federal Government's Northern Regulatory Improvement Initiative (NRII), we are still expecting to see an amended Mackenzie Valley Resource Management Act introduced this year.

The Nunavut Government has announced a supportive uranium policy, which is very much in line with other positive statements they continue to make about mining. With eight mining projects in the pipeline, Nunavut could see much needed 4,000 plus workers introduced into the economy sometime in the next five years. And also under the Federal NRII, we expect to see a Nunavut Planning and Project Assessment Act introduced later this year.

Happy reading!

... Tom Hoefer

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

#### **GN Announces Uranium Policy Statement**

On June 6, the Government of Nunavut (GN) announced its Uranium Policy Statement that seeks to maintain a balanced approach to uranium mining. This policy statement was formulated after months of consultation, research and deliberation.

"The government's Uranium Policy Statement builds on the six principles of uranium development that were set out in 2007, and also recognizes the regulatory authorities in place, including those established by the Nunavut Land Claims Agreement," said Peter Taptuna, Minister of Economic Development & Transportation. "We will ensure any decisions we make support safe and responsible development that provides substantive and sustainable benefits to Nunavut without harming our environment."

The policy statement is the result of work that began in 2007 with the release of *Parnautit: A Foundation* for the Future - Mineral Exploration and Mining Strategy and the development of the GN's (now five) principles on uranium:

- 1. Uranium mined in Nunavut shall be used only for peaceful and environmentally responsible purposes.
- 2. Nunavummiut must be the major beneficiaries of uranium exploration and mining activities.
- 3. The health and safety of workers involved in uranium exploration and mining and all Nunavummiut shall be protected to national standards.
- 4. Environmental standards must be assured for uranium exploration and mining, especially for the land, water and wildlife.
- 5. Uranium exploration and mining must have the support of Nunavummiut, with particular emphasis on communities close to uranium development.

The government completed a study of regulatory and governance responsibilities and key issues and concerns surrounding uranium development in the territory in February 2011, and held a series of public forums on uranium in March and April 2011.

"Based on the research and what we heard at consultations this government developed its policy statement on uranium issues," said Taptuna. "The policy statement recognizes that uranium mining is of concern to some Nunavummiut, but that, when properly managed, can be of benefit to our territory."

The GN regards mining as an important potential source of revenues to meet the needs of Nunavut's growing population and also as a potential source of employment and associated skills development for Nunavummiut and recognizes the following:

- that uranium exploration and mining places special responsibilities on government because of the nature of uranium and its by-products, the history of its use for both peaceful and nonpeaceful purposes, and its potential risks to human health and the environment;
- the jurisdiction of the Nunavut Impact Review Board and the Nunavut Water Board as established by the Nunavut Land Claims Agreement in the regulation of uranium exploration and mining and;
- that uranium is subject to international agreements and national laws. The GN supports the mandate and responsibilities of the Canadian Nuclear Safety Commission.

When the GN has opportunity to communicate a position on a specific uranium development project, that position will be guided by GN uranium exploration and mining principles as set out above.

#### **Links to GN Uranium Reports:**

- <u>Uranium in Nunavut</u>
- What was said about Uranium in Nunavut Summary
- What was said about Uranium in Nunavut Executive Summary

#### Minister announces more details on NWT Mineral Development Strategy

The Minister of the NWT Government's Industry, Tourism and Investment, Dave Ramsay announced in the Legislature more details on the NWT Mineral Development Strategy they are launching.

"Mr. Speaker, the discovery of diamonds at Lac De Gras in 1991 marked the beginning of a new economic era for the Northwest Territories. Since then, the mining industry has become the backbone of our economy, creating over 2,600 direct jobs and an annual economic impact of over \$750 million. However, we have not had a comprehensive plan in place to ensure we make the most of our mineral resources. Today I would like to talk to you about this government's plan to create a mineral development strategy.

First, I would like to mention that this is NWT Mining Week. We celebrate the substantial contribution this industry makes to our territory. On behalf of the Government of the Northwest Territories, I would like to thank the people whose efforts ensure the continued success of the mining industry, and encourage everyone to take part in Mining Week activities put on by the NWT and Nunavut Chamber of Mines.

Mr. Speaker, mineral exploration and development has driven our NWT economy and offered unprecedented opportunities for investment, employment and business development. This has been especially true for our northern Aboriginal community. Our approach, to date, has been to maximize the benefits of our resource development by building business capacity in our communities, corporations and businesses.

We are also investing in the education and skill development of our youth, who will eventually empower and guide its growth. We have had success in these areas, but there needs to be a long-term plan. Our vision is to realize – responsibly and sustainably – the full potential of our rich resource base and use it to ensure lasting prosperity for NWT residents and their communities.

Mr. Speaker, a mineral development strategy will allow us to do this and will guide decision-making for development of this resource in the future.

This mineral initiative complements our work on a comprehensive sustainable economic development strategy. And, like the work we are completing on that project, this strategy will be a collaborative effort. We will work in partnership with the NWT and Nunavut Chamber of Mines, and Aboriginal Affairs and Northern Development Canada to develop this strategy, with the GNWT as the lead.

Mr. Speaker, the next step towards realizing this mineral development strategy is the development of a discussion paper and project charter that will set the stage for full regional and stakeholder engagement.

Throughout the process, we will be seeking input from the Members of this Legislative Assembly. The collaborative approach that we have identified will also incorporate input from Aboriginal governments, communities, industry, small businesses and NWT residents, to ensure its long-term success.

This extensive engagement process, Mr. Speaker, will ensure that all voices are heard and will result in a Strategy and Action Plan that reflects the needs and potential of all regions of our Territory – one that is

responsive as economic circumstances change and which meets the standards set by the GNWT's sustainable development policies.

Through the comprehensive communications plan that will accompany our work, we will increase awareness of the value and importance of mineral development in the NWT and greater understanding and support for effective, planned and responsible mineral development projects.

Moreover, Mr. Speaker, the development of a mineral development strategy will send a clear signal of the value that we place on our mining sector. It will demonstrate certainty and stability during this time of devolution negotiations and transition, and it will serve to increase industry confidence, as well as exploration expenditures in our region.

Mr. Speaker, the mineral development sector employs hundreds of NWT residents and results in more than half a billion dollars in annual purchases from NWT businesses. The work that we are doing to create this mineral development strategy will build on this success.

It will ensure that mineral exploration and mining industries have the opportunity to provide sustainable economic investment, activity and employment in the NWT for many years to come. Thank you, Mr. Speaker.

For the Minister's complete text, visit: <a href="http://news.exec.gov.nt.ca/mineral-development-strategy/">http://news.exec.gov.nt.ca/mineral-development-strategy/</a>

## **EKATI Mine Releases 2011 Results on 20th Anniversary of NWT diamonds**

BHP Billiton EKATI Diamond Mine is pleased to announce its 2011 year end results reporting on safety, employment, training, business spend and community investments.

For over 20 years, BHP Billiton has looked for innovative ways to engage with communities and continue to invest in the North through tough economic times that play a leadership role in building and developing its business in an environmentally responsible manner.

BHP incorporates Traditional Knowledge and feedback from its community partners and develops resources in a sustainable way that helps the North to thrive.

In this, the 20th year since the discovery of diamonds, the company looks back on all the successes, and invites everyone to celebrate the discovery and help build a proud legacy in the North. Download EKATI Diamond Mine 2011 Year in Review from <a href="www.bhpbilliton.com">www.bhpbilliton.com</a> or pick up a copy in any Diamonds and Specialty Products office in Canada.



Significant highlights in 2011 include:

- Extensive investment in local community programs including a C\$1.15 million commitment to Breakfast for Learning Northwest Territories and C\$700 thousand towards the construction of BETTY House (Better Environment To Transition in Yellowknife), a home for women and women with children at risk of becoming homeless in the North.
- Building a proud legacy with each Impact Benefit Agreement (IBA) partner through investing heavily in meaningful Traditional Knowledge projects. Over C\$1 million committed over 2 years.

## NWT & Nunavut Chamber of Mines - Northern Mining News

- Over C\$327 million spent in 2011, bringing BHP Billiton's investment in EKATI Diamond Mine to C\$4.89 billion since operations began.
- Over C\$197 million spent in 2011 with Aboriginal and Northern businesses and a total of C\$3.816 billion since 1999. This is almost C\$400 million more spent in the North than what was originally predicted.
- 1,213 person years of direct employment created at EKATI Diamond Mine over the 12-month period of which 801 person years were BHP Billiton employees and 412 were contractors.
- Total head count in 2011 for EKATI's operations was 1,528 people.
- 16 per cent of BHP's workforce are women of which 70 per cent occupy non-traditional positions.
- 650 person years of employment for Northerners and Northern Aboriginals at EKATI Diamond Mine, which exceeds the Environmental Impact Statement (EIS) predictions by 76 person years of direct employment.
- 356 person years of employment for Indigenous Aboriginals.
- 36 employees in various stages of trades training or apprenticeship programs and 40 employees in the Mineral Processing Plant Technician program.
- Maintained both ISO 14001 Environmental Management Standard and ISO 9001 Quality Management System.
- The introduction of the EKATI Leadership Program.

#### For the report:

http://www.bhpbilliton.com/home/businesses/diamonds/Documents/EKATI%20Diamond%20Mine%20 2011%20Year%20in%20Review.pdf

## **NWT Mine Training Society Annual Report Released**

The NWT Mine Training Society (MTS) has released its 2012 Annual Report, called Prospects: Challenges Create Opportunity. Part annual report, the publication provides statistics on the various training programs and successes this past year.

The report also speaks to the much needed work, now underway, to help extend the success of the now expired Aboriginal Skills Employment Partnership (ASEP). That program funded upwards of 50% of the MTS's core funding since 2004, and allowed the society to serve over 1,095 individuals with training and/or career counselling, and the placement of over 800 Northerners into high paying jobs. The new *NORTH WORKS* proposal is seeing all three northern Territories working together to seek Federal support for a new and equally powerful and supportive program as ASEP.

The Northern Leadership Development Program (NLDP) has completed its first year, under Aurora College. The program is

Prospects

CHALLENGES CREATE OPPORTUNITY

NORTH
WORKS!

A pan-territorial strategy delivers northern jobs and prosperity

TRAINING FOR LIFE

FALSE STREET SUCCESS

Soft Street Street Success

Soft Street Success

Soft Street Success

Soft Success Success

Soft Success

S

designed "to help promising, front line employees unlock their career potential while providing plenty of tools to help them balance professional development with personal growth."

Also described in the report is the new *More Than A Silver Lining* training-to-employment program in the Dehcho region. Driven by Canadian Zinc's proposed zinc-silver-lead Prairie Creek Mine in the Mackenzie Mountains, the program will result in "... 70 or more jobs for Aboriginal people throughout the Dehcho." The program is a partnership between the Federal and NWT Governments, Canadian Zinc, and five of the Dehcho communities.

The report can be downloaded from the MTS website: www.minetraining.ca/mts\_report.php

#### Diavik donates to Kimberlite Career and Technical Centre

Diavik Diamond Mines Inc. has announced its continuing support of the Kimberlite Career and Technical Centre (KCTC) in Yellowknife and on June 7, presented the centre with a \$20,000 donation. Diavik's support of KCTC, which dates back to 1994, totals nearly \$220,000. Diavik's contributions have been used to purchase and maintain equipment and buy materials, primarily for the centre's welding shop.

Through its programming, KCTC, provides students with opportunities to learn about technical and trades career options. Currently, over 450 students are enrolled in KCTC courses which include construction carpentry, small engine repair, robotics, hairstyling, and welding. Students entering apprenticeships can use KCTC course hours towards their apprenticeship.

In addition to supporting students, the KCTC, in partnership with the Northern Alberta Institute of Technology, has offered the *Becoming a Master Instructor* program to nine Diavik underground mining trainers.

"Individuals with trades and technical skills are very much in demand in our industry and we support the centre's efforts to provide students with an opportunity to explore these very rewarding career options," said Diavik President and Chief Operating Officer Niels Kristensen.

"The success of our programs is directly related to the contribution that Diavik Diamond Mines Inc. has made to our facility, especially the welding lab. The quality and availability of industry pertinent equipment in our welding lab generates excitement and enthusiasm among the students and better prepares them for the world of work. Yellowknife Catholic Schools is very thankful of our partnership with Diavik," said Claudia Parker, Superintendent, Yellowknife Catholic Schools.

To learn more about the Yellowknife Catholic Schools' Kimberlite Career and Technical Centre, visit their <a href="www.ycskctc.nt.ca/">www.ycskctc.nt.ca/</a> web site.

#### **NWT Devolution Website Now Live**

The GNWT has a new **NWT Lands and Resources Devolution** website. Visit <a href="http://devolution.gov.nt.ca">http://devolution.gov.nt.ca</a> to find information on:

Benefits of devolution Aboriginal government participation

Devolution negotiations Aboriginal rights and devolution

The Agreement-in-Principle Affected federal employees and devolution

The Net Fiscal Benefit Industry and devolution

Resource revenue sharing Frequently Asked Questions

Resource management after devolution

## Mine Rescue Competition – When it comes to mine safety, all teams are winners!

Multiple teams from all three territories participated in the 55<sup>th</sup> Annual Mine Rescue Competition in Yellowknife.

According to Peter Bengts, the Workers' Safety & Compensation Commission's Chief Inspector of Mines for NWT & Nunavut, "The teams were quite evenly matched. While every team attacked their problem tasks differently, all of them displayed remarkable professionalism. They are clearly knowledgeable and apply their skills successfully. The North can be confident that the mines prioritize worker safety and that these Mine Rescue teams are well prepared."

Competing Teams represented mines in the three northern Territories. The EKATI, Diavik, and Snap Lake diamond mines and the Cantung tungsten mine represented the NWT; the Minto copper-gold mine from the Yukon; and the Meadowbank gold mine from Nunavut. EKATI was the only mine to send two teams: an underground and a surface team.

By winning the underground and the surface competition, both the Diavik and EKATI teams qualify to participate in the 11th Biennial National Regional Mine Rescue Competition to be held

in Fernie, BC in 2013. Diavik's mine rescue team has won this event's overall underground competition twice in a row.

In a unique invitation, both the Diavik and EKATI teams have been invited to participate in the International Mines Rescue Competition this September in the Ukraine. We are very proud of our teams' abilities, and this invitation shows that even our Mine Rescue abilities are world class!



#### **2012 Northern Mine Rescue Winners**

First Aid, sponsored by Rio Tinto
Surface Practical Bench, sponsored by BHP Billiton
Fire Fighting, sponsored by Levitt-Safety
Rope Rescue, sponsored by Nuna Logistics
Surface Written Test, sponsored by WSCC
Underground Written Test, sponsored by BHP Billiton
Surface Smoke, sponsored by Draeger Canada
Underground Smoke, sponsored by Draeger Canada
Underground Bench/Field Test, sponsored by WSCC
Surface Obstacle/Extrication, sponsored by Rio Tinto
Underground, sponsored by De Beers Canada
Overall Surface, sponsored by WSCC
Overall Underground, sponsored by WSCC

Ekati Diamond Mine - *Underground Team* 

Minto Mine

Meadowbank Mine

Snap Lake Diamond Mine

Ekati Diamond Mine - Surface Team

Diavik Diamond Mine

Ekati Diamond Mine - Surface Team

Diavik Diamond Mine

Diavik Diamond Mine

Ekati Diamond Mine - Surface Team

Snap Lake Diamond Mine

Ekati Diamond Mine - Surface Team

Diavik Diamond Mine

#### **2012 NWT Miner's Picnic**



Staff from De Beers Canada were all smiles as they helped out with the BBQ.

Running simultaneously and adjacent to the Mine Rescue Competition, this year's Miner's Picnic again drew hundreds of observers.

Kids' activities, and free hamburgers and hot dogs flipped by staff from the NWT's three diamond mines' added to the draw. Gold panning was a favourite as was the face painting and bubbles.

Great weather supported us yet again!

Thanks to BHP Billiton, Diavik Diamond Mines, De Beers Canada. Fire Prevention Services, Kavanaugh Bros., Matco Transportation, Northern Foodservices, Superior Propane, Workers' Safety & Compensation Commission for the NWT and Nunavut and to all of the volunteers who helped with setup, teardown and keeping the groceries stocked, as well as those who helped to flip burgers and who ran the activities for the children.



A "minor" receives his first lesson in gold panning.

## Iqaluit Northern Premiers' Forum – A Coalition of Support for Northern Development

All three territorial Premiers met in Iqaluit for the 10th Annual *Northern Premiers' Forum* on June 26/27th. A number of guest from Greenland were also in attendance.

According to a Government of Nunavut media release "Premiers noted that A Northern Vision: A Stronger North and a Better Canada, released in 2007, continues to guide their pan-territorial approach to ensuring a prosperous and sustainable North that will benefit northerners and all Canadians. Premiers emphasized the importance of partnerships in continuing to strengthen the North and support Canada's Arctic sovereignty."

Agenda items included preparations for the Arctic Council in 2013; Northern Search and Rescue; Nutrition North; Northern Residents' Deductions and; Health Funding. Of particular interest to the minerals sector however, were the discussions (and in some cases endorsement) of key issues identified by the Chamber and its members over the past number of months:

#### Infrastructure for Northern Economic Development

In keeping with their shared vision for a stronger and more sustainable North, Premiers committed to "continuing to work in partnership with the federal government on the renewal and development of federal infrastructure funding programs to better respond to territorial and regional needs." Premiers agreed that "sustainable, predictable and flexible infrastructure funding enables strategic investment that maximizes economic benefits, creates new and lasting jobs in communities, increases competitiveness and improves critical services. Premiers called for addressing the ongoing northern infrastructure deficit, especially in Nunavut."

#### **Resource Industry Training**

The Northern Minerals Workforce Development Strategy was also included on the Agenda. The group recognizes that "northern resource development is a key economic driver in the NWT, Yukon and Nunavut. There are several mines operating in the North employing thousands, and this is just the beginning. With 20 or more mining operations at the advanced stage of development, the demand for skilled workers will exceed the available work force. Premiers agreed it is important that investments are made to continue to develop a skilled and productive northern workforce with transferable skills to enable all northern residents to benefit from these opportunities."

Premiers committed to working together to advance a pan-territorial approach to resource industry training. The group agreed that the strategy "must include a strong federal funding partner and must be developed in collaboration with Aboriginal and industry partners."

#### **Devolution**

Premiers stressed that the "social and economic development of the territories depends on devolving control over lands and resources from the federal government. Premiers urged the federal government to complete devolution in the Northwest Territories and continue to advance devolution in Nunavut as part of its efforts to bring certainty to citizens and industry alike."

#### **Canadian Energy Strategy**

Premiers remained focused on the "development of a Canadian Energy Strategy for Sustainable Energy Management and Development that will ensure Canada is a leader in energy production, supply and transportation. While there is strong and growing export potential for Canada's energy resources including those in the Arctic, Premiers emphasized that a Canadian Energy Strategy should also focus on meeting Canada's domestic energy needs by ensuring a secure, sustainable, reliable and competitively-priced supply of energy for all Canadians. "

The 2013 Northern Premiers' Forum will be held in Yukon.

#### **Avalon signs First Nation Agreement that issues shares**

Avalon Rare Metals Inc. has announced that it has entered into an accommodation agreement ("Accommodation Agreement") with the Deninu K'ue First Nation ("DKFN").

The Accommodation Agreement provides for business and employment opportunities for the DKFN, related to the Company's Nechalacho Deposit and associated facilities in the Northwest Territories (the "Project") and contains measures to mitigate environmental and cultural impacts that may result from the project development.

The Accommodation Agreement also commits the DKFN to supporting timely completion of the environmental assessment, permitting and development processes of the Project.

The definitive financial structure for the Project has not been finally determined, but it is expected that it will take the form of a limited partnership, in which the DKFN will participate as one of its business opportunities. Upon receipt by Avalon of certain regulatory permits and approvals, the DKFN will acquire 3,333 limited partnership units, out of a projected total of 100,000 limited partnership units to be held by Avalon and its Aboriginal partners.

In conjunction with the Accommodation Agreement, the Company has agreed to issue to the DKFN an aggregate of 10,000 common shares of the Company, and to grant an aggregate of 50,000 non-transferrable common share purchase warrants of the Company. The common shares are to be issued on the effective date of the Accommodation Agreement and will be subject to certain statutory restrictions on resale, as well as contractual restrictions on transfer pending receipt of certain regulatory permits and approvals for the Project. The common share purchase warrants will be issued in five installments of 10,000 warrants per year over the next five years, will have a term of five years and will have an exercise price based on the then current market price of the Company's common shares at the date of issue of the warrants.

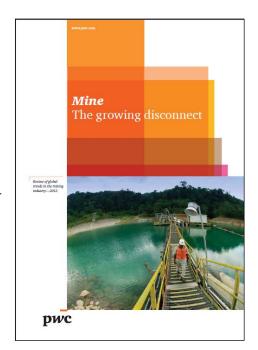
## Mine 2012: The growing disconnect

This is PwC's flagship mining publication which analyses the financial performance and position of the global mining industry as represented by the top 40 mining companies by market capitalisation.

Ten years of data and trends has seen some of the greatest ups and downs the mining industry (and the global economy for that matter) has ever seen.

This report concludes:

- 2011 was a year of great contrast for the mining industry record profits for the Top 40 of \$133bn but market capitalisation fell 25%
- The market does not appear to buy the long-term growth story of the emerging world as the European debt crisis lingers
- While net profits increased, net profit margins remained steady reflecting a changed cost base



- Supply will be a focus for future years as the industry has undergone a structural change in the cost base as cost increase of 25% on previous year
- The industry invested a record \$98 billion in capital projects in 2011 and plan for a further \$140bn in 2012 but shareholders and investors are demanding greater returns of cash.

Tim Goldsmith, Global Mining Leader states: "The global mining industry is facing a growing disconnect as despite record profits for the world's 40 biggest miners in 2011 thanks to high commodity prices, investors proved fickle, demanding greater capital discipline and increased shareholder returns.

Against a backdrop of shareholder demands for heightened capital discipline, the story for the future will be about the ability to bring on supply through developing the right projects. We continue to observe a structural change of higher average commodity prices which are underwritten by higher production costs and lower grades. However, this does not guarantee increasing gross margins.

The Top 40 invested \$98 billion in capital projects in 2011 and plan for a further \$140 billion for 2012 in an effort to increase supply. The market, however, doesn't seem to be buying the industry's long-term growth story, which has sent share prices lower–2011 marks the start of the growing disconnect."

Download the report: http://www.pwc.com.au/industry/energy-utilities-mining/assets/Mine-Jun12.pdf

## **AEM Measures Up**

All too often, we hear disturbing reports of how development occuring in a non-sustainable and disrespectful manner harms everyone involved. Problems with corruption and environmental damage are generally attributed to poor internal accountability, failures in hiring practises, and inadequate protection from outside intervention.



To combat these issues, companies like Agnico-Eagle

Mines Ltd. (AEM) embrace **Corporate Social Responsibility (CSR)** strategies. Sometimes referred to as corporate conscience, corporate citizenship, social performance, or sustainable responsible business, CSR is a form of self-regulation integrated into a business model (M. Baker, 2008). The goal of CSR is to embrace responsibility for a company's actions and encourage a positive impact through its activities on the environment, consumers, employees, communities, and all other members of the public who may also be considered as stakeholders.

AEM measures its CSR performance in accordance with the *Sustainability Reporting Guidelines* developed by the *Global Reporting Initiative*.

It its latest report, AEM provides a snapshop of its CSR performance in areas that are material to its business and stakeholders. The following are key highlights, challenges and initiatives from the 2011 report:

- Establishment of a Stakeholder Advisory Group to provide input and guidance into CSR programs. The divisions continued with their local stakeholder engagement programs;
- AEM became a signatory to the International Cyanide Management Code and is currently working toward site certifications;
- The unfortunate report of a fatality at the LaRonde site and a serious accident resulting in permanent disability at Meadowbank site, despite efforts to lower overall lost-time accident (LTA) frequency;

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- AEM's first global employee engagement survey was conducted: employees indicated they are
  engaged in their workplace, believe AEM is a good place to work, and are proud of its CSR and
  community programs (87% approval rating);
- Increased production from AEM sites resulted in a slight increase in GHG emissions, which are up over 2010 levels, while GHG intensity (emissions per tonne) decreased slightly;
- Local purchasing and hiring levels improved at most sites; local recruitment levels in Nunavut increased over 2010 levels; however, AEM continues to focus on reducing higher than average turnover rates;
- AEM was listed on Sustainalytics' Jantzi Social Index (JSI) for solid social performance, relationships with indigenous communities and commitment to employee health and safety.

The full report can be accessed at AEM's website <a href="http://www.agnicoeagle.com/">http://www.agnicoeagle.com/</a>.

Questions or concerns can be sent to csr@agnico-eagle.com.

## **NWT Diamond Mine Employment**

In 12 years of diamond mining in the NWT, 403 *more* people than industry forecast would be working in our industry. They are still employed. Training and development programs have proven their success.

The Challenge for De Beers and other new mines opening up in the NWT, is that continued government educational investment in the NWT population that is not currently employed is required.

The chart below reviews the 2011 figures:

	Predicted Employees Operations Phase	Actual Employment (December 2011)	# Northern Resident Predicted	Actual Northern Resident Employment	Northern Residency Variance (Actual versus Predictions)
BHP Billiton's Ekati Mine*	926	1,213	574	650 (54%)	+76
Diavik Diamond Mine	400	1,137	264	642 (56%)	+378
De Beers Snap Lake Mine	500	678	300	249 (37%)	-51
Predicted Total Workforce Requirements	1,826	3,044	1,138	1541	+403

#### **Calendar of Events**

- Coal Association of Canada National Conference, June 3-5, 2012, Vancouver, BC.
   Visit: www.coal.ca
- Nunavut Trade Show, September 25 27, 2012, Iqaluit, NU. Visit: www.nunavuttradeshow.ca
- **40**<sup>th</sup> **Annual Yellowknife Geoscience Forum,** November 13-15, 2012, Yellowknife, NT. Plan to attend the north's largest conference. Visit: www.miningnorth.com/geoscienceforum.
- Kivalliq Trade Show, November 19 22, 2012, Rankin Inlet, NU.
   Visit: www.kivalligtradeshow.ca

#### **Welcome New Members!**

On behalf of all of our members, we would like to welcome **Worley Parsons Canada** to the Chamber of Mines. We encourage your support of their business.

**Worley Parsons Canada** provides engineering, procurement and construction management services. From small brownfield services contracts to mega greenfield projects, Worley Parsons has the skills and technologies to address all challenges.

Please join us in a warm welcome to our newest member. Contact: www.worleyparsons.com



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## **Mines & Promising NWT Mine Projects**

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

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	BHP Billiton, Chuck Fipke and Stu Blusson	Diamonds	Canada's first and largest diamond mine, 310 km. NE of Yellowknife. Open pit and underground. Mine life to 2019.	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 beyond 2020.	1 million tonne underground production reached in May. Investigating potential to add A21 pipe to mine plan. Rio Tinto is conducting review of diamonds business and potential sale. The plan for calendar 2012 foresees production of ~ 8.3 million carats from mining 2.0 million tonnes of ore and processing of 2.2 million tonnes of ore.
Snap Lake Mine	De Beers	Diamonds	Canada's first all underground diamond mine. 220 kilometres NE of Yellowknife. Mine life to 2028.	Commenced commercial production on January 16, 2008 and the Official Mine Opening took place on July 25, 2008.
Cantung Mine	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western Northwest Territories, ~ 300 km by road NE of Watson Lake, Yukon. Mine life to 2014.	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	EA Update: Mackenzie Valley Review Board is reviewing responses to information requests. Avalon and the Deninu K'ue First Nation have signed Accommodation Agreement
NICO	Fortune Minerals Ltd.	Cobalt-gold- bismuth- copper	Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150	Various documents and technical reports are being filed for the environmental assessment process so as to support 5 days of public hearings in July.
Yellowknife Gold	Tyhee NWT Corporation	Gold	Proposed open pit mine 88 km NE of Yellowknife. Estimated mine jobs: 238	Brian Briggs appointed full-time president, ceo and Director. Feasibility study expected in August. Environmental Review underway.
Prairie Creek	Canadian Zinc Corporation	Lead-zinc- silver	Proposed underground mine 120 km west of Ft. Simpson within the Nahanni National Park. Estimated mine jobs: 220	EA Update: Project approved to proceed to permitting and licensing, now underway. Permit applied for new underground decline to continue underground exploration.
Gahcho Kue	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360	EA Update: Developer and parties preparing responses to January 2012 information requests responses. De Beers anticipates submission by end of March 2012. Technical sessions tentatively scheduled for May.
Pine Point	Tamerlane Ventures	Lead-zinc	Company proposes underground mine east of Hay River, NT using freeze technology for water management. Estimated mine jobs: 225	Company has requested change to adit and decline from shaft to test mine the R-190 deposit. Resource is Defined, Permitted for Construction, Extensive Infrastructure
Courageous Lake	Seabridge Resources	Gold	Proposed open pit mine 240 km northeast of Yellowknife	Preliminary Economic Assessment released 2011. Preliminary Feasibility Study expected in May 2012. Nearly 8 million oz. resources. 2012 exploration budget of \$8.5 million. Annual report released in May.

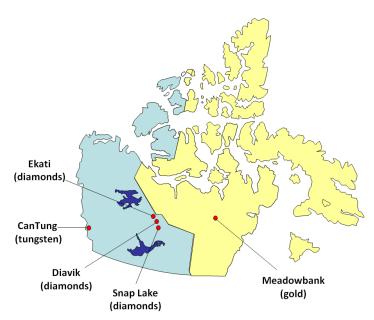
## **Mines & Promising Nunavut Mine Projects**

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

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico-Eagle Mines	Gold	Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 450	Mill began commercial production in March, 2010. NTI received first royalty payment.
Mary River	Baffinland Iron Mines	Iron	Proposed open pit mine with railway and port; 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: over 3,500. Estimated mine jobs: over 1,000.	Final hearings for FEIS slated for Iqaluit, Igloolik, and Pond Inlet beginning July 16, 2012.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 600 Estimated mine jobs: 500	IIBA negotiations begin January 27, 2012; Submission of IRs to NIRB regarding DEIS extended to June 18, 2012.
Doris North/ Hope Bay	Newmont Mining Corp	Gold	Proposed gold mines 130 km S of Cambridge Bay; covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 300	Work postponed indefinitely while project under review; Company has approved "Care and Maintenance" funding for the Hope Bay site.
Jericho Diamond Mine	Shear Diamonds Ltd.	Diamonds	Project to reassess viability of reopening the former diamond mine, 255 km SSE of Kugluktuk. Estimated mine jobs: 150-200	On May 29, 2012 Shear delivered its first parcel of 11,317.98 carats diamonds to Taché Company N.V. ("Taché"), Shear's diamond marketing partner, for sale into end markets.
Meliadine Gold	Agnico-Eagle Mines	Gold	Possible gold mine, 5 deposits, the largest of which is the Tiriganiaq deposit, 25 km NE of Rankin Inlet. Estimated construction jobs: 600 Estimated mine jobs: 350 - 400	Plan to complete feasibility study in 2013; NIRB approved EA exemption of "Phase 1 – All Weather Road" on May 23, 2012. Road located on IOL.
Hackett River	XStrata Zinc Canada	Zinc, silver, copper, lead and gold	One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Estimated mine jobs: 300	Camp opened February 20, 2012; Pre-feasibility study team being assembled.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River deposit, comprises Llama, Umwelt, Goose and George deposits. Open pit and underground mining being considered.	2012 exploration budget approved at \$60m. Positive Preliminary Economic Assessment released May 29.
High Lake /Izok Lake	MMG Resources Inc.	Copper, Zinc, Gold, Silver	(High Lake) 1710 hectare, copper-zinc-silver- gold property, 190 km ESE of Kugluktuk. Estimated mine jobs: 500 (Izok) High-grade zinc-copper-lead-silver deposit, 255 km SW of Kugluktuk. Estimated mine jobs: 760	High Lake/Izok/Grays Bay now being permitted as one project. Proceeding with Feasibility Study; Fieldwork planning underway – data collection, environmental baseline work, and exploration.
ULU & Lupin	Elgin Mining Inc.	Gold	Located SE of Kugluktuk. Lupin mine: past production; 3.7 million oz. ULU deposit: indicated mineral resource; 751,000 tonnes	Elgin purchased both properties from MMG Resources in July, 2011. Winterization of work camp at Lupin; Drilling at Ulu began April, 2012.
Roche Bay	Advanced Exploration	Iron	Over 500 mt of Indicated Resources within 6 km of a natural deep water harbour at Roche Bay.	Feasibility study due by end of 2012.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 59 known diamond-hosting formations.	Peregrine expects to begin collecting a bulk sample from several kimberlites in 2013 to obtain parcels of diamonds for valuation.

## **Project Maps**

**Our 5 Northern Mines** 



## Advancing projects ~ potential mines

