

# Northern Mining News

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## From the Executive Director ...

Lots of good news in this issue. New statistics on the diamond mining industry are bolstered by Diavik's announcement to invest in a new deposit, and Ekati's submission of its 10 year+ mine life extension plan. Governments have also announced exciting new geoscience investments. Particularly interesting are the positive perceptions of northern Aboriginal peoples of mining. The socio-economic successes and successful training programs as reported in this issue are some reasons why.

Happy reading. ... TWH

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

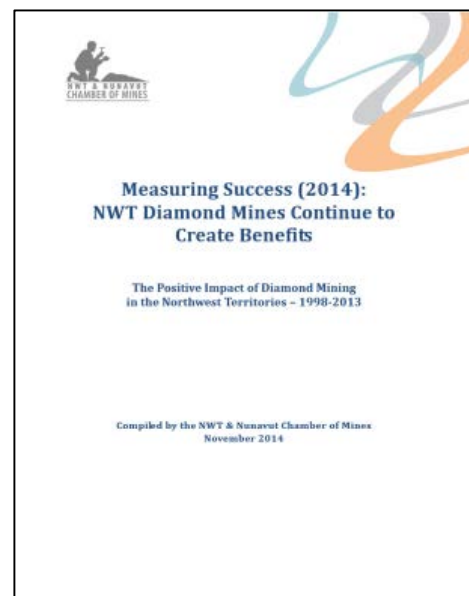
## Diamond mining benefits still strong – Chamber reports

NWT diamond mines continue to create benefits, as summarized in *Measuring Success 2014*, the latest summary report released by the Chamber of Mines.

Highlights from *Measuring Success 2014* include:

- **Employment**
  - Initial predicted total mine employment was 1,826 workers
  - In 2013, total employment was 3,109 workers
  - Predicted northern employment in 2013 was 1,138 but actual employment was 1,430, exceeding Initial predictions by 26%
  - Of the 1,430 northern workers in 2013, 752 or 53% were Aboriginal
  - Total employment since 1996 is just under 44,000 person-years of which 50% is northern, and half of the northern is Aboriginal
- **Training and education investment**
  - Industry has supported Mine Training Society programs with \$16.7 million in cash and in-kind investments between 2004 and 2014
  - In total, 2,796 people have been assessed for training by the Mine Training Society between 2004 and October 2014, of whom 2,149 have received training or other support
  - In 2013, the mines reported they employed 69 apprentices
  - Nearly \$464,000 was awarded by all three mines in scholarships in 2013
- **Business spending**
  - Mines spent \$943 million in 2013. Of this, \$621 million (66%) was with northern businesses, and \$248 million (26%) was with Aboriginal business
  - Total spending to date to construct and operate the mines is \$14.8 billion
  - Northern business spending to date is \$10.6 billion (72%) of which \$4.8 billion (32%) is with Aboriginal businesses
- **Community contributions**
  - During the period 2012-13, the three diamond mines provided approximately \$23 million through various contributions to communities
- **Safety**
  - The diamond mines continue to set high standards for mine safety and their strong safety performance has made significant impacts on the safety culture not only within their organizations but also with many other businesses involved in their operations.

Click [here](#) to download *Measuring Success 2014*.



## **Ekati Mine's Jay Pipe could preserve significant mine benefits for 10+ years**

***If approved, the US\$671 million investment would preserve existing jobs, extend the life of contracts, and maintain the NWT's economic output***

On November 6, Dominion Diamond Corporation filed the Developer's Assessment Report (DAR) with the Mackenzie Valley Environmental Impact Review Board (Review Board) for the Jay kimberlite pipe (Jay Project) at the Ekati Diamond Mine. The purpose of the DAR is to meet the requirements set out by the Review Board for the Environmental Assessment process.

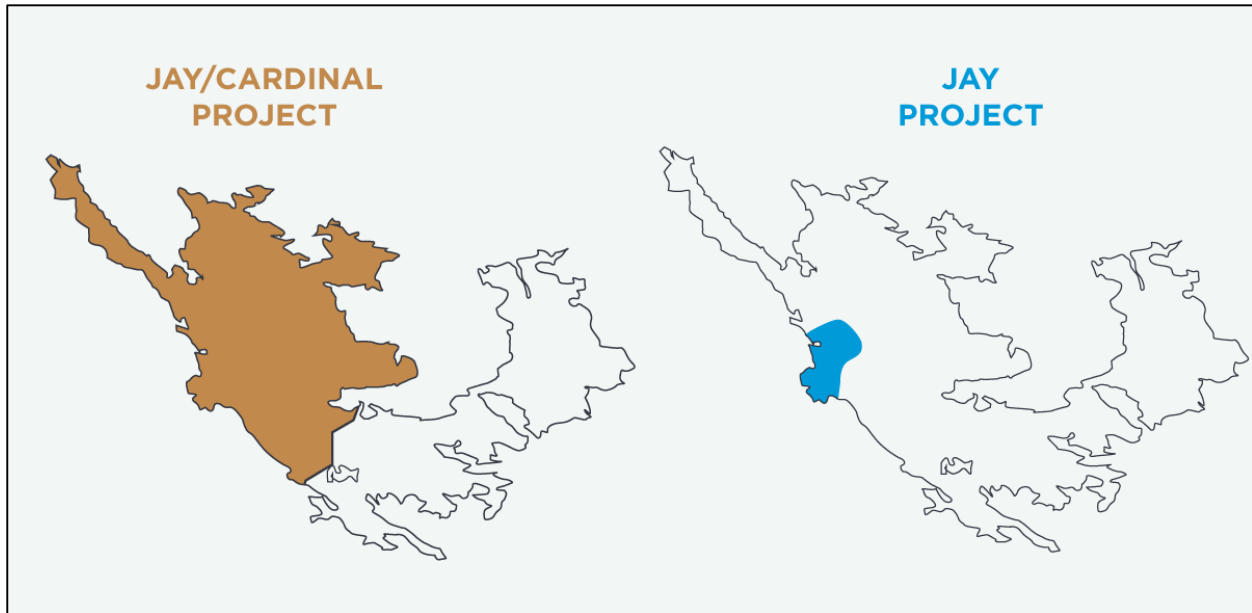
The Jay Project is an extension of a large, stable, and successful mining operation with the potential to extend the Ekati Mine life out to approximately 2030: more than 10 years beyond the current closure date. The facilities required to support the development of the Jay Project and to process the kimberlite already exist at the Ekati Diamond Mine.

The project proposes the building of a water retention dike following a horse-shoe shaped alignment from the shoreline out into Lac du Sauvage to isolate the portion of the lake overlying the Jay pipe. The dike will be 5 kilometres long with an average water depth of 5 metres. The approach is similar in concept, geographic environment and water depth to that implemented between 2008 and 2010 at the Meadowbank Gold Mine in Nunavut owned by Agnico Eagle Mines Ltd.

The project timeline currently envisions that dike construction would commence in the summer of 2016 and would continue through to 2019. De-watering and pre-stripping would then commence followed by conventional open-pit mining, with production currently expected to begin in 2020.

The submission of the DAR is the next step in the permitting process to develop the largest diamondiferous resource in North America. Following the submission of the DAR, the analytical and hearing phases of the Environmental Assessment process are anticipated to deliver a





In response to community engagement, the original proposed Jay-Cardinal Project has been revised. A smaller Jay Project footprint will reduce environmental disturbance. *Courtesy Dominion Diamond*

ministerial decision in late 2015. Once this decision is issued, the water license and land-use permitting process will take approximately a further 6 months.

The Jay kimberlite pipe is located in the southeastern portion of the Ekati mine property, approximately 25 kilometres south-east of the Ekati main facilities and approximately 7 km to

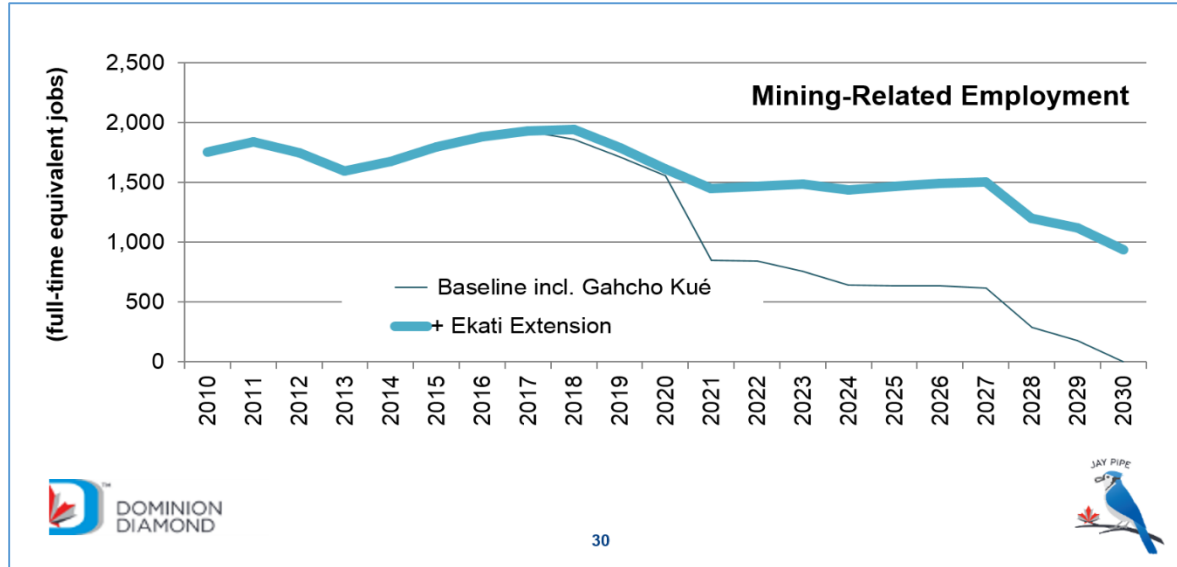


A computer image of what the open pit mining operations at the Jay deposit would look like after being fully developed. *Courtesy Dominion Diamond*



the north-east of the Misery pit, in the Lac de Gras watershed. The Jay Project is part of the Buffer Zone Joint Venture, in which the Company has a 65.3% interest.

The Plain Language Summary of the DAR is found [here](#), and the complete DAR is available on the Mackenzie Valley Review Board's website [here](#).



**Mining of the Jay diamond deposit will play an important role in maintaining the current northern mine employment numbers for an additional 10 years, and will help offset the closure of Diavik in 2023.** *Courtesy Dominion Diamond Corp.*

### US\$350 million approved to develop Diavik A21 pipe – good news for NWT

On November 26, Rio Tinto, operator of the Diavik Diamond Mine, formally approved the development of a fourth pipe, known as A21, at the remote subarctic Diavik mine site. This will see Diavik begin open pit mining again at the end of 2018, adding to diamond production from what is now an all underground mine. This will also require an additional 90 workers.

Development of the A21 pipe was part of the original mine plan and is estimated to cost US\$350 million over four years. The Diavik Joint Venture (Rio Tinto 60 per cent; Dominion Diamond Corporation 40 per cent) has approved the 2015 programme of works and the A21 diamond production is planned for late 2018. The A21 production will provide an important source of incremental supply for Diavik, ensuring the continuation of existing production levels.

The A21 kimberlite pipe is located just south of Diavik's existing mining operations, and just like Diavik's other three ore bodies, is found under the waters of the lake called Lac de Gras. A21 development will require rockfill dike construction to encircle the ore body located just offshore of existing mining operations at Lac de Gras. Diavik will utilize the same innovative design and engineering technologies used to construct the Diavik mine's two other dikes that enabled mining of three existing pipes.

The bulk of the infrastructure needed for the A21 pipe is already in place from the previous dike construction and open pit operations at Diavik, and the necessary operating licenses and agreements are in place for project implementation. Construction preparations are anticipated

to begin immediately, with the first equipment and supplies scheduled to be transported in early 2015 to the Diavik mine site on the seasonal winter ice road. Four years of dike construction and pre-stripping (2015-2018) are expected to be followed by approximately five years of open-pit mining. Expenditure on the development of the A-21 pipe in 2015 will relate to crushing costs, pipeline construction and initial dike foundation and abutment work in preparation for expected dike construction during the 2016 and 2017 summer seasons. Pre-stripping of the open pit is expected to commence in 2018 following dewatering of the pool within the dike.

Diavik has estimated that the A-21 pipe contains 3.6 million tonnes of measured resources, at a grade of 2.8 carats per tonne, and 0.4 million tonnes of indicated resources at a grade of 2.6 carats per tonne. Diavik's ore reserves will be formally updated in the first quarter of 2015. The current mine plan has production ending in 2023.

Rio Tinto Diamonds & Minerals chief executive Alan Davies said "Our decision to invest in the Diavik A21 project reflects our strong confidence in the diamond sector and in our ability to compete effectively in the industry."

Diavik Diamond Mines president Marc Cameron said "This is great news for Diavik, but also for the local communities in which we operate where we are committed to delivering economic and social benefits that will endure beyond the life of the Diavik mine."

The Diavik Diamond Mine, located 300 kilometres northeast of Yellowknife, began production in 2003 and became a fully underground mining operation in 2012. The mine produces predominantly gem-quality diamonds destined for high end jewellery in all major consumer markets around the world.

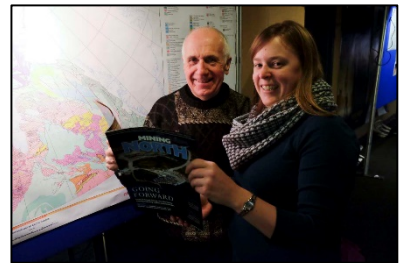


**Diavik owners have approved a US\$350 million investment to mine its fourth kimberlite pipe, an orebody called A21, shown at far left, using similar dike technology as shown around the A418 and A154 pipes. Courtesy Diavik Diamond Mines Inc.**

## **Yellowknife Geoscience Forum – THANK YOU ALL!**

The 42<sup>nd</sup> Annual Geoscience Forum was another success, even though numbers were down from last year. With exploration still struggling to regain its former heights, we were pleased to see some great talks and to visit the variety of exhibits. Attendance was just over 700 and we had 112 booths at the tradeshow, held in the larger arena venue. Students dominated the last day of the show with their bright coloured T-shirts dotting the landscape as they sought out answers to their questions. The food was fantastic as were the opportunities for networking.

We owe a big THANK YOU to all of our sponsors, attendees, volunteers and organizers. We couldn't have done it without you! We'll catch our breath now, and then on to next year. See you all then. Mark your calendars for next year's Geoscience Forum: November 24-26, 2-015.





## **NWT announces glacial till study & Geological Storage Facility**

In opening the Geoscience Forum on November 25, Industry Minister David Ramsey announced two new initiatives that will help support geoscience in the NWT.

- First is a collaborative regional study to determine the detailed glacial history and permafrost conditions of the central Slave Geological Province. This study is unprecedented in size and scope and will establish the NWT as a world leader in understanding surficial materials and permafrost characteristics in a large, economically important region. It should help stimulate the next round of diamond and metals exploration in the Slave Province, and will collect permafrost and geotechnical data to inform future infrastructure development and regulatory decision making. Funding from CanNor, the NWT Government, and Industry and University partners, totals \$5.3 million.
- Second is the creation of a Geological Materials Storage Facility to house the NWT's vast collection of thousands of boxes of core, tens of thousands of geological samples, and thousands of maps and reports with valuable information. This collection will form a reference library that has been obtained over decades and represents millions of dollars of industry and government expenditures. The NWT drill core collection includes the best and most extensive collection of kimberlite materials anywhere in the world. Core storage and sampling facilities will enhance the competitive edge of the NWT as a preferred jurisdiction for mining and exploration. Re-use of existing core by industry is a proven economic development driver. By accessing existing samples, companies will be able to save on drilling costs and gain confidence in their projects. This information is in demand globally as companies and investors search for new opportunities and will help lead them to the NWT.

The data and research stemming from both of these major projects will be available to governments, academics, prospectors and companies and enhance awareness of geological potential across the Northwest Territories. In the words of the Minister, "No one knows better than the people here tonight that a good geoscience knowledge base represents a significant competitive advantage for jurisdictions that want to grow."

## **NWT Government approves Ekati reclamation security**

With the process of devolution completed on April 1, 2014, the NWT government is now the landlord for the non-renewable resource industry and takes on the role historically held by the Federal Government.

As the Minister responsible, NWT Minister of Lands Robert C. McLeod announced on November 6 that the Government of the Northwest Territories (GNWT) has approved Dominion Diamond Ekati Corporation's surety bond as security for approximately \$253 million under its Ekati water licence. The surety bond will account for all security currently required under the water licence.

"This action on the part of the Government of the Northwest Territories demonstrates our ability to make timely and sound decisions that support responsible, sustainable resource development in the NWT," says Minister McLeod. "With our new devolution responsibilities,



we are protecting the environment, prudently managing public funds and promoting economic opportunities in a way that balances NWT interests.”

In reaching its decision, the GNWT’s Departments of Lands, Finance and Environment and Natural Resources completed a rigorous review of Dominion Diamond’s surety bond. The departments’ work confirms that the terms of the security bond are acceptable to the GNWT.

A surety bond is an acceptable form of security under the *Waters Act*, subject to the GNWT’s acceptance of the terms and conditions of the bond. It is intended to protect the health and safety of the public and the environment and is an important tool to address the potential for environmental damage. The surety bond also allows Dominion Diamond to continue to invest and develop its project, bringing tangible economic benefits to the NWT economy.

Responsibility for the *Waters Act* and the NWT land and water management regime it is part of transferred to the GNWT with devolution. The GNWT is now responsible for addressing Dominion Diamond’s outstanding security requirements under their Type "A" Water License W2012L2- 0001 and determining the acceptable terms and conditions for the surety bond.

### **De Beers releases Snap Lake Mine Socio-Economic Results**

De Beers has released its first ever Socio-Economic Assessment Toolbox (SEAT) Report. Highlights include:

- De Beers provided 274 person years of employment to NWT residents in 2013, including 139 person years of employment to NWT Aboriginal residents
- 51% of the people hired by De Beers to work at Snap Lake Mine in 2013 were NWT residents
- \$56,000 in scholarships were awarded to NWT students, including our first ever NWT Post-Secondary Education Sponsorship
- Social investment in 2013 totaled \$1.4 million
- \$115 million spent with NWT businesses during 2013, including \$45 million with Aboriginal businesses.

This year’s report is somewhat different from previous annual reports as it has been designed to meet both the requirements of reporting to the NWT Government and the SEAT process as outlined by De Beers’ major shareholder, Anglo American plc group.

Each operation within the group, including Snap Lake Mine, is required to file a SEAT report every three years and this is the first for the Snap Lake Mine. The report includes information about our communities of interest, and details results of the community engagement undertaken in preparing the report. It also includes a complete report on socio-economic commitments made to the GNWT in the Socio-Economic Agreement for Snap Lake Mine.

Visit the De Beers website [www.canada.debeersgroup.com](http://www.canada.debeersgroup.com) to download the report.



## **Underground Miner Training – 6 new graduates**

The Mine Training Society, in partnership with Aurora College, celebrated its tenth graduating class of Underground Miners on November 19.

The six graduates, who came from the communities of Behchoko, Deline and Fort Providence, have all been interviewed by Diavik, DeBeers and McCaw North. Four of them will be starting their jobs with Diavik in the near future. Sam Gargan, from the community of Fort Providence, is the winner of the Safety Leadership Award sponsored by Golder and Associates, and will be joining his fellow graduates at Diavik Diamond Mines in the very near future.

The Underground Miner Program is designed to give the participants necessary knowledge and skills for a career as an underground miner. The course focuses on mining equipment operation using both simulators and mining equipment such as haul truck, scoop trams and man trucks. As well, underground mining methods, mine services, mine safety and mine rescue theory. The graduates also earned their certificates in WHMIS, First Aid/CPR, Fire Extinguisher, Fall Protection, Confined Space Entry, Lock Out and Tag Out procedures and their Radio Operators Certificate (Aeronautical).

Learn more about the NWT Mine Training Society here: <http://minetraining.ca/intro/>



**Underground miner trainees posing at the quarry site. Four of the six graduates have already been offered jobs at the Diavik diamond mine. *Courtesy Bill Braden Photography.***

## **Harper Government funds Geoscience Research in Nunavut and NWT**

On November 14, Minister Leona Aglukkaq announced the Federal government is investing more than \$6.7 million in these geoscience research projects in Nunavut and the Northwest Territories that will enhance geological knowledge, support infrastructure and major resource development, the mining sector and cultural industries. This results in a total investment of over \$12.4 million in geoscience research which will help to create jobs and prosperity for Northerners.

"Our Government is committed to creating jobs, growth and long-term prosperity in the North. These projects will bring a range of economic benefits and opportunities to Northerners," said Minister Aglukkaq. "Reliable information about mineral deposits and energy resources is essential to attract investment for resource development and support the dynamic, economic growth we are seeing across the North." She is the Minister of the Environment, Minister of the Canadian Northern Economic Development Agency (CanNor), and Minister for the Arctic Council.

The [Nunavut Backgrounder](#) to the release shows that CanNor is investing over \$3.3 million for 11 geoscience projects over the next two years. Along with investments from partners, this investment of nearly \$7.1 million will enhance the level of geological knowledge of the territory and will support the development of the mining sector, cultural industries, and infrastructure. The projects will be led by the Government of Nunavut's Department of Economic Development and Transportation in partnership with the Canada-Nunavut Geoscience Office (CNGO). Project sharing is:

- CanNor funding: \$3,347,560
- Government of Nunavut and partners funding: \$3,752,000
- Total: \$7,099,560

The [NWT Backgrounder](#) shows that CanNor is investing over \$3.4 million in a two-year scientific research project in the Slave Geological Province of the Northwest Territories. With contributions from other partners, this \$5.3 million drilling and mapping campaign will build the geoscience knowledge base of the Lac de Gras region, a long-proven area of mineral wealth and the location of the NWT's diamond mines. Project sharing is:

- CanNor funding: \$3.43 million
- Government of the Northwest Territories funding: \$288,000
- Industry: \$1.19 million
- University Partners (in-kind): 396,850
- Total: \$5.3 million

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

## New Nunavut Geoscience map released

The Canada-Nunavut Geoscience Office (CNGO) is pleased to announce the release of:

CNGO Open File Map Series 2014-01

Surficial geology, Ward Inlet, Baffin Island, Nunavut, NTS 25-O

by T. Tremblay, J. Leblanc-Dumas and M. Allard

This (English only) file will be available **December 5, 2014, 1:00pm Eastern Standard Time** as a free download from [www.cngo.ca](http://www.cngo.ca).

## De Beers Reports on Diamond Future

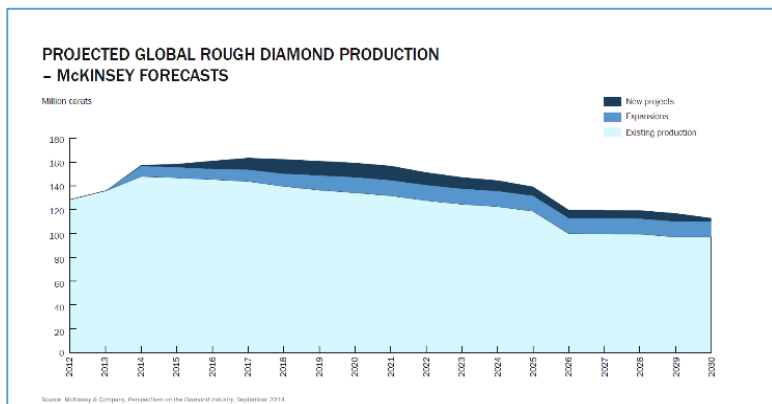
De Beers Group of Companies provided a description of their work in London in early November, providing their perspective on the future of the global diamonds business, and their role in it. With the change to being publicly, rather than privately owned, they also revealed some very detailed and interesting information on their mines and production.

Some highlights include:

- Polished gem diamonds set in jewellery account for 99% of diamond value
- Growth in demand for diamonds is strongly correlated with growth in economic activity
- The US and China will remain the key markets for diamond consumption for the foreseeable future
- Projected growth of middle classes in emerging markets should see continued global demand growth for diamonds
- Projected global rough diamond production will decline slowly after 2020
- Diamond supply will be insufficient to meet demand
- Producer governments will seek increased value chain participation
- Technology is transforming all stages of the value chain

Click [here](#) to download the presentation.

Snap Lake	H1 2013	H2 2013	Total 2013	H1 2014
Waste (tonnes m)	0.1	0.1	0.2	0.1
Ore mined (tonnes m)	0.5	0.6	1.1	0.5
Tonnes treated (tonnes m)	0.5	0.6	1.1	0.5
Carats recovered (carats m) <sup>1</sup>	0.6	0.7	1.3	0.6
Average price (US\$/ct, 100% SSV) <sup>1</sup>	197	176	186	186
Grade (cpht) <sup>1</sup>	119	111	115	120





## **New Infrastructure: Fibre Optic line to transect NWT – from AB to the Arctic**

The NWT Government (GNWT) will be investing in a fibre optic line down the Mackenzie River valley. On November 4, NWT Finance Minister Michael Miltenberger announced that the GNWT has signed a contract with Northern Lights General Partnership (Northern Lights) to design, build, finance, operate and maintain the Mackenzie Valley Fibre Link (MVFL) project. The contract calls for construction of the fibre link, over 1,400 kilometres long, from Alberta to the Arctic Ocean. The contract also includes ongoing operation of the system for 20 years.

"This is a major step in bringing the benefits of state-of-the-art fibre telecommunications to our communities in the Mackenzie Valley and Beaufort Delta regions," said Minister Miltenberger. "We anticipate that construction will start in January 2015 and the system between High Level, Alberta and Inuvik will be operational by mid-2016."

The MVFL is a key component of the GNWT's commitment to provide improved delivery of health, education and social services to remote communities in the Mackenzie region. The MVFL will also provide a fibre link between the satellite receiving station in Inuvik and southern Canadian networks, enabling space agencies worldwide to have high speed access to the Inuvik facility.

Filing of the Project Description Report with the Mackenzie Valley Land and Water Board, the next step in the regulatory review process, took place on October 31. The GNWT is expecting construction to begin in January.

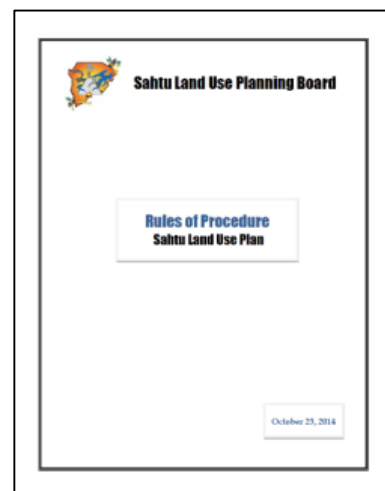
Northern Lights is a consortium comprised of Ledcor Developments Ltd., including Ledcor Technical Services, and Northwestel. Ledcor Development and Ledcor Technical Services are subsidiaries of the Ledcor Group. Northwestel is wholly owned by BCE Inc.

## **Sahtu Land Use Plan adopts Rules of Procedure**

To effectively implement and monitor the approved Sahtu Land Use Plan (SLUP), the Sahtu Land Use Planning Board (SLUPB) has prepared and adopted Rules of Procedure. The Rules are intended to ensure that the processes and procedures of the Board meet the requirements of fairness and natural justice and to provide a practical reference to those requirements.

The Rules were prepared pursuant to s.30(2) of the Mackenzie Valley Resource Management Act. Copies of the Sahtu Land Use Planning Board's proposed Rules were made available to the public at the office of the Sahtu Land Use Planning Board in Fort Good Hope, NWT, and at [www.sahtulanduseplan.org](http://www.sahtulanduseplan.org). A notice was published in the July 5, 2014 Canadian Gazette, and sent to the SLUPB general distribution list.

Parties that submitted written representations to the Board included the Government of the NWT's Department of Lands, NWT & Nunavut Chamber of Mines, Canadian Association of



Petroleum Producers (CAPP), and Aboriginal Affairs and Northern Development Canada. In addition, Husky Oil Operations Limited sent a letter stating that their comments were incorporated into CAPP's submission.

A good description of the changes are found [here](#) in a two page *Adoption Notification*.

To effectively implement and monitor the approved SLUP, the SLUPB adopted [Rules of Procedure](#) on October 23, 2014. The Rules are attached and also available for download at [www.sahtulanduseplan.org](http://www.sahtulanduseplan.org). Questions and information requests regarding the Rules should be directed to Scott Paszkiewicz at [exec\\_director@sahtulanduseplan.org](mailto:exec_director@sahtulanduseplan.org) or 867-598-2055.

### **NWT Wildlife Act becomes law**

On November 28, the new *Wildlife Act* for the NWT came into force.

The new Act provides the tools needed to manage and conserve wildlife for the benefit of current and future generations in the NWT and reflects the interests of all residents of the NWT.

"This new legislation is the result of a collaborative process between our government, wildlife co-management boards, Aboriginal governments and extensive consultation and public engagement," said Environment and Natural Resources Minister J. Michael Miltenberger. "It promotes cooperative and collaborative working relationships for effective wildlife management at the local, regional and territorial levels and recognizes Aboriginal and treaty rights and the rights contained in land claim and self-government agreements."

Regulations needed to implement the new *Wildlife Act* are being developed in three phases using the same collaborative process.

- Phase one regulations, which deal with immediate changes required to bring the legislation into place and ensure people can continue to harvest and use wildlife in a safe and sustainable manner, have been completed.
- Work on phase two of the regulations will begin in the next few weeks. These regulations will address changes needed to implement some of the new concepts in the Act, such as requiring developers to have wildlife management and monitoring plans and requirements for harvest reporting and harvester training.
- Phase three will be ongoing and will deal with new regulations, as required.

A copy of the new *Wildlife Act* for the NWT can be found on-line [here](#).

### **Canadian Mining Industry improving its performance**

The Mining Association of Canada (MAC) has released its tenth annual *Towards Sustainable Mining (TSM) Progress Report*. The 2014 report takes a detailed look at MAC members' 2013 performance in the initiative's three focus areas – communities and people, environmental stewardship, and energy efficiency.

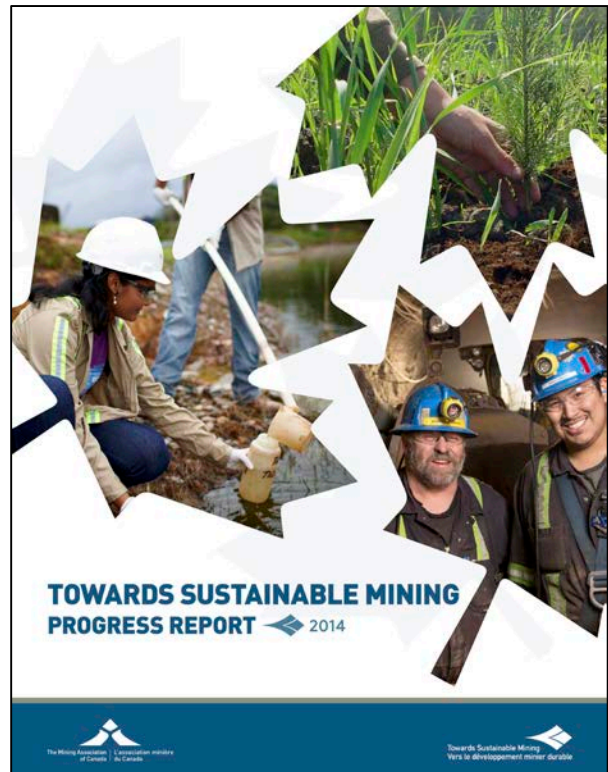
"With the development and implementation of the TSM initiative 10 years ago, the mining industry committed to a continuous drive towards better environmental and social performance. Now, a decade later, we can point to results that show significant, meaningful

progress in all performance areas at mining facilities across Canada and in other parts of the world,” said Pierre Gratton, MAC’s President and CEO.

The 2014 *TSM Progress Report* takes a detailed look at MAC members’ efforts to contribute positively to the communities where they operate. The report includes performance results for 62 facilities from 23 mining companies, seven of which had their results externally verified by a third-party. For the first time, facility-level performance data for TSM’s newest protocols, biodiversity conservation management and safety and health, are available in the report.

The 2014 report shows steady improvement in company results, and maintained the overall high performance levels achieved in 2012. Notable highlights include:

- In the area of Aboriginal and community outreach, results for effective community of interest engagement and dialogue remained strong with 82% of facilities reporting a Level A or higher. The percentage of facilities at a Level AAA—the highest ranking possible—for this indicator has increased from 13% in 2006 to 42% in 2012 and 48% in 2013.
- The number of facilities assessed at a Level A or higher for demonstrating commitment and executive-level accountability for managing biodiversity conservation nearly doubled year-over-year, increasing to 60% in 2013 from 33% in 2012.
- A majority of 85% of facilities reported a Level A or higher for implementing comprehensive energy use and GHG emissions tracking and reporting systems for internal and public reporting.
- Tailings management results remain strong, with 96% of facilities reporting they have implemented an operation, maintenance and surveillance manual that adheres to industry best practices—an increase of 4% from 2012. Following the Mount Polley tailings breach in August 2014, MAC has committed to reviewing TSM requirements and its tailings management guidance documents, which are considered global best practice, to incorporate any lessons learned from the ongoing investigation into the incident.



Participation in the TSM initiative is mandatory for all MAC members. TSM is a performance-based program that was developed by MAC and its members to help mining companies evaluate and manage their environmental and social responsibilities. The program’s main objective is to enable mining companies to meet society’s needs for minerals, metals and energy products in the most socially, economically and environmentally responsible way. It is

the only system in the world that includes public reporting of third-party assured site-level performance for the mining sector. Since TSM launched in 2004, the Mining Association of British Columbia and the Quebec Mining Association have adopted the program for their members.

Click [here](#) to download the 2014 *TSM Progress Report*, or to learn more about the initiative.

### **Congratulations to Rising Star Christine Kowbel**

[Christine Kowbel](#) was recently recognized among Lexpert's 2014 *Rising Stars: Leading Lawyers under 40*. Ms. Kowbel is a Partner with Chamber member Lawson Lundell LLP. She practices environmental and aboriginal law providing advice in respect of major project development, environmental assessment, permitting, operational matters, and acquisition and sale of industrial projects.

Providing specialized mining industry advice, Ms. Kowbel represents clients with respect to permitting and regulatory aspects of exploration, development, operation and closure of mining projects. She has also been seconded to clients in the mining sector (many of whom operate in the Territories) on a part-time basis to provide in-house legal advice, primarily in the areas of environmental assessment and project permitting, environmental compliance, and government and aboriginal relations.

Selected by an Advisory Board, the *Lexpert Leading Lawyers Under 40 Awards* honours top Canadian lawyers and corporate counsel under the age of 40. At an award ceremony on November 20<sup>th</sup>, the event paid tribute to the rising stars of the legal community.



[Lawson Lundell LLP](#) is a leading western Canadian business law firm known for its practical, strategic approach to legal and business problems. The company has offices in Vancouver, Calgary and Yellowknife.

### **Doing Business “The Canadian Way” – Harper Announces CSR Strategy**

The Honourable Ed Fast, Minister of International Trade, has announced the enhanced corporate social responsibility (CSR) strategy, *Doing Business the Canadian Way: A Strategy to Advance CSR in Canada’s Extractive Sector Abroad*.

The 2014 enhanced CSR strategy delivers on the Government of Canada’s commitment to review the initial 2009 strategy. Based on extensive cross-country consultations, the enhanced strategy strengthens Canada’s leadership and earned reputation for excellence in CSR.

It also demonstrates the Government of Canada’s commitment to ensuring Canadian companies continue to exhibit the highest CSR standards and best practices while operating abroad.

To further support the enhanced CSR strategy, Minister Fast also launched the selection process for a new CSR counsellor and issued a call for qualified candidates.



Key elements of the enhanced CSR strategy include:

- making, for the first time, the Government of Canada’s “economic diplomacy” conditional on a Canadian company’s alignment with the enhanced CSR strategy;
- withdrawing of Government of Canada support in foreign markets as a result of a company’s non-participation in the dispute resolution mechanisms of the Office of the CSR Counsellor or Canada’s National Contact Point (NCP) for the Organisation for Economic Co-operation and Development (OECD) Guidelines for Multinational Enterprises;
- increasing support and training for CSR initiatives and services at Canada’s diplomatic network and missions abroad to ensure a consistently high level of CSR-related services for Canadian businesses and local networks and communities;
- enhancing the CSR counsellor’s mandate to work with Canadian companies to ensure CSR guidelines and best practices are reflected and incorporated in their operating approach abroad;
- re-focusing the role and efforts of the Office of the CSR Counsellor on working to prevent, identify and resolve disputes in their early stages;
- referring disputes requiring formal mediation to the Canadian National Contact Point, the robust and proven dialogue facilitation function guided by the OECD Guidelines for Multinational Enterprises active in 46 countries; and
- including benchmark CSR guidelines released by international organizations since 2009 and keeping flexibility to build awareness of CSR guidelines developed in Canada.

“Responsible resource development with our partners at home and abroad is a priority of the Harper government to create jobs and opportunities,” said Minister of International Trade, Ed Fast. “The enhanced CSR strategy bolsters our commitment to helping our Canadian extractive companies strengthen their responsible business practices. We expect our Canadian companies to promote Canadian values and to operate with the highest ethical standards. Our Canadian companies are already world leaders, and the enhanced CSR strategy will ensure Canada’s leadership and reputation of excellence continues in the future.”

The strategy announced today provides enhanced support so that local communities in host countries can realize the economic and social benefits of natural resource development and local procurement opportunities, while providing host governments and investors with the confidence they need to partner with world-class, responsible Canadian extractive companies.

### **Quick Facts**

- Extractive sector—oil and gas, and mining—exports generated \$130 billion in 2013, accounting for over 27 percent of the total value of Canadian domestic exports.
- Canada’s natural resource sector directly and indirectly accounts for almost one fifth of the country’s nominal GDP and 1.8 million jobs.
- With interests in more than 8,000 properties in more than 100 countries, Canadian extractive sector companies account for almost half of the world’s mining and mineral exploration activity.

- Nearly 3,200 Canadian suppliers, including engineering, environmental, legal, financial and equipment companies, provide expertise and equipment to the mining subsector alone.

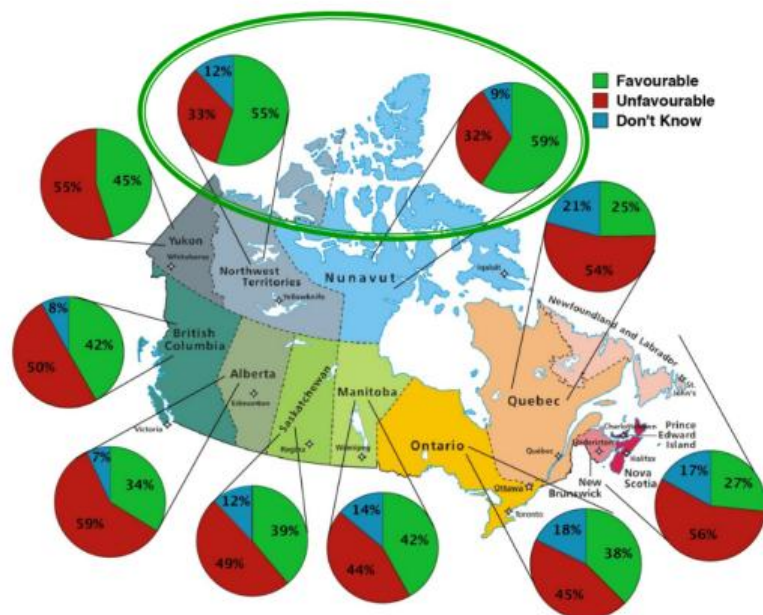
Download release and backgrounder [here](#).

## Highest Aboriginal opinion of mining in northern Canada

Results of a Canada-wide survey of Aboriginal Canadians who reside in rural/remote communities revealed a relatively low favourable perception of the mining and mineral exploration industry. This is in contrast to positive approval ranging between 76 and 82 percent among Canadians as cited in recent industry studies.

What is of note to northerners is that **the highest approvals came from the Northwest Territories and Nunavut** with over half of those surveyed expressing positive perceptions. This might be expected given that our diamond and gold mines have taken significant steps in training and employing Aboriginal people, in supporting new Aboriginal business development, in paying royalties to Aboriginal groups, and in creating new models of community involvement and oversight into their mining activities.

Perceptions in the North were better on key topics such as respecting the environment (67% in the North vs. 42% nationally) as well as being honest and trustworthy (68% vs. 54%), providing opportunities for, and collaborating with, Aboriginal Canadians (68% vs. 53% and 61% vs. 43% respectively). These more positive perceptions of key issues, as well as a generally more positive perception of almost all specific aspects of the industry surveyed, goes some way to explaining the overall more positive perception in the North.



This first-ever national survey conducted among Aboriginal Canadians to measure their perceptions of the mining industry, was conducted by PR Associates and presented at the 2014 Yukon Geoscience Forum. "Industry should look at this study positively as it is clear the economic and social benefits of responsible mining are resonating with Aboriginal people in Canada," stated Robert Simpson, President and CEO of PR Associates. "Although improvements are needed to build trust and gain acceptance with Aboriginal Canadians, the study revealed some positive benchmarks that can be built upon to improve relationships

and perceptions. And it's important to recognize there are many resource development companies succeeding at partnering with First Nations, proving mutually beneficial relationships and project acceptance can be achieved," said Simpson.

A report detailing the results of the survey – *Aboriginal Canadians and Their Support for the Mining Industry: The Reality, Challenges and Solutions* – is available on the PR Associates website at: [www.prassociates.com](http://www.prassociates.com)

### Extractive Sector Transparency Measures Act

On October 23, 2014 the Government of Canada tabled a new act to establish mandatory reporting requirements for payments made to governments by Canadian extractive sector companies. Go [here](#) and read Division 28 of the Act.

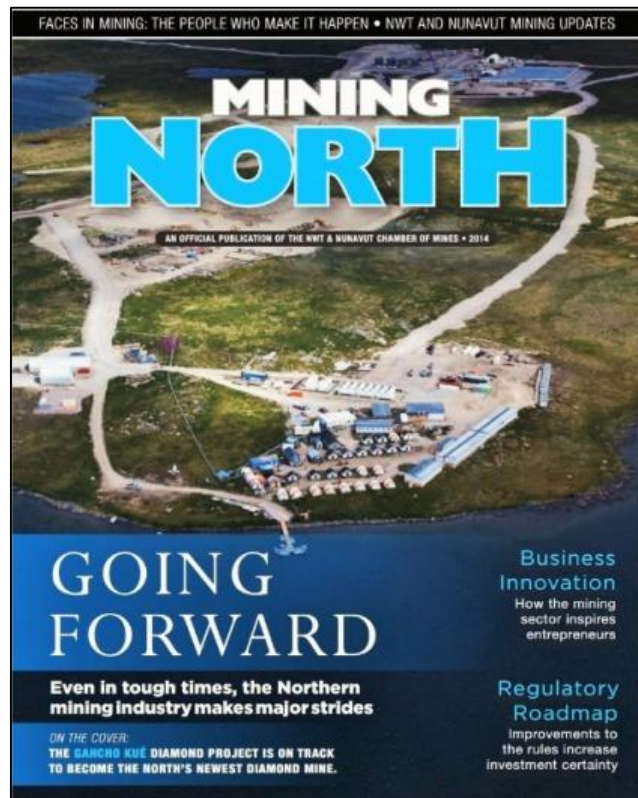
The Government of Canada has invited several representatives of the exploration, mining, and oil and gas sectors to provide input in to the development of a guidance document that will accompany the reporting requirements; the PDAC looks forward to being part of this on-going process.

From PDAC site: <http://www.pdac.ca/policy/transparency>

### New Mining North Magazine

In November, the Chamber of Mines released its flagship glossy mining magazine, *Mining North 2014* at the Yellowknife Geoscience Forum.

Click on the magazine thumbnail or [here](#) to download the latest issue.







## **NWT & Nunavut Chamber of Mines Elects New Board**

On November 26, members of the Chamber of Mines elected a new Board of Directors for 2014-15. The Board leads the Chamber in its activities to advance its Vision of “A vibrant and sustainable exploration and mining industry in the NWT and Nunavut which has the support of the peoples of the North” and its Mission “To be the leading advocate for responsible and sustainable mineral exploration and development in the NWT and Nunavut.”

### **EXECUTIVE**

President	Brooke Clements, Peregrine Diamonds Ltd. – Vancouver, BC
Vice President NWT	Gary Vivian, Aurora Geosciences Ltd. – Yellowknife, NT
Vice President NU	John Laitin, Sabina Gold & Silver Corporation – Vancouver, BC
Secretary	Don Bubar, Avalon Rare Metals Inc. – Toronto, ON
Treasurer	Alex Buchan, TMAC Resources Inc., Cambridge Bay – NU

### **DIRECTORS**

Rod Brown, Discovery Mining Services – Yellowknife, NT  
Joe Campbell, TerraX Minerals Inc. – Ottawa, ON  
Lane Dewar, Cassidy Point Exploration – Yellowknife, NT  
Roy Erasmus, Det’on Cho Corporation – Yellowknife, NT  
Patrick Evans, Mountain Province Diamonds Inc. / Kennady Diamonds Inc. – Toronto, ON  
Robin Goad, Fortune Minerals Ltd. – London, ON  
Chris Hrkac, GGL Resources Corp. – Yellowknife, NT  
John Kearney, Canadian Zinc Corporation – Toronto, ON  
Glen Koropchuk, De Beers Group of Companies – Yellowknife, NT  
Chantal Lavoie, Dominion Diamond Ekati Corporation – Yellowknife, NT  
Jason McKenzie, North American Tungsten Corporation Ltd. – Vancouver, BC  
Corey McLachlan, Diavik Diamond Mines Inc. – Yellowknife, NT  
Brent Murphy, Seabridge Gold Inc. – Yellowknife, NT  
Trevor Teed, DEMCo – Yellowknife, NT  
Ken Armstrong, North Arrow Minerals Inc. – Vancouver, BC  
Adam Chamberlain, Borden Ladner Gervais – Toronto, ON  
Larry Connell, Agnico Eagle Mines Limited – Toronto, ON  
Darcy Hirsekorn, Cameco Corporation – Saskatoon, SK  
Barry McCallum, AREVA Resources Canada Inc. – Saskatoon, SK  
Greg Missal, Baffinland Iron Mines Corporation – Toronto, ON  
Brad Ryder, Glencore Canada Corporation – Toronto, ON  
Sahba Safavi, MMG Limited – Vancouver, BC  
Jeff Ward, Kivalliq Energy Corporation – Vancouver, BC

## Calendar of Events

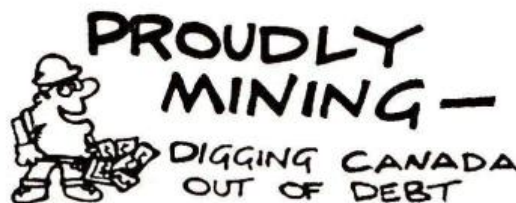
- **AMEBC Mineral Exploration Roundup 2015**, January 26-29, 2015, Vancouver, BC. No in its 32<sup>nd</sup> year, this year's event has been moved to the larger Vancouver Convention Centre. Visit: <http://www.amebc.ca/roundup-2015-home>.
- **PDAC International Convention, Trade Show & Investors Exchange**, March 1-4, 2015, Toronto, ON. For the world's leading Convention for people, companies and organizations in, or connected with, mineral exploration, visit [here](#).
- **Arctic Age**, March 17, 2014, Ottawa, ON, will examine the public policies, investments and business partnerships that will shape our northern future. Visit: [ArcticAge](#).
- **18<sup>th</sup> Annual Nunavut Mining Symposium**, Iqaluit April 13<sup>th</sup> – 16<sup>th</sup>, 2015. Information is available at: [www.nunavutminingsymposium.ca](http://www.nunavutminingsymposium.ca). Check out our recap video of the 2014 symposium!

## Member News Releases this past month

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

- 4 December 2014, [Positive Results for Phase #1 Metallurgical Test Work on the Isortoq Project, Greenland](#)
- 3 December 2014, [Nighthawk Drills 52.50 Metres of 7.78 g/t Gold, Including 21.00 Metres of 16.73 g/t Gold at Colomac; New High-Grade Zone Discovered](#)
- 3 December 2014, [DEMCo Ltd. Announces a New IOCG Discovery & Highlights Exploration Results at Camsell River, NWT](#)
- 1 December 2014, [Kivalliq Announces Final Results from 2014 Phase 1 Exploration Program at Genesis Property](#)
- 28 November 2014, [Agnico Eagle completes acquisition of Cayden Resources Inc.](#)
- 27 November 2014, [Kennady Diamonds Resumes Drilling at Kelvin Kimberlite](#)
- 26 November 2014, [Dominion Diamond Corporation Reports approval for the A-21 Pipe at Diavik](#)
- 26 November 2014, [Diavik Diamond Mine - development of the A21 pipe](#)
- 26 November 2014, [Nighthawk Drills 40.00 Metres of 2.52 g/t Gold, Including 5.20 Metres of 7.82 g/t Gold; Expands Goldcrest Zone 125 Metres](#)
- 26 November 2014, [Dominion Diamond Corporation's Fiscal 2015 Third Quarter Results to be released Thursday, December 11, 2014](#)
- 25 November 2014, [Tyhee Announces Non-Brokered Unit Private Placement](#)
- 24 November 2014, [Fortune Minerals Issues Shares](#)
- 20 November 2014, [Summit Group and Private Sky Aviation Sign Strategic Agreement](#)
- 20 November 2014, [Dominion Diamond Corporation reports Third Quarter Fiscal 2015 Sales and Production Results](#)
- 20 November 2014, [Dominion Diamond Corporation Chairman and CEO Takes Medical Leave](#)
- 18 November 2014, [Fortune Minerals provides corporate update and announces third quarter financial results](#)
- 17 November 2014, [Stornoway Completes Field Portion of 2014 Renard Drill Program](#)

- 13 November 2014, [Sabina Gold & Silver Announces Q3 2014 Financial Results - \\$38.1 Million at September 30, 2014 In Cash and Equivalents](#)
- 13 November 2014, [Canadian Zinc Reports Financial Results for Third Quarter 2014](#)
- 13 November 2014, [TerraX tenders drill contract for Yellowknife City Gold Project; assays 18.54 m @ 2.15 g/t Au in historic core; assays up to 126 g/t Au in grab samples from new shear in Core Gold Area](#)
- 12 November 2014, [Fortune Minerals receives share issuance approval to complete the purchase of the Revenue Silver Mine](#)
- 12 November 2014, [Kivalliq Announces Results from 2014 Exploration at Angilak; Dipole Emerges as Top Priority Drill Target](#)
- 12 November 2014, [Agnico Eagle Completes Major Drill Program at Amaruq Project, Nunavut; Whale Tail Zone Expanded to 1.2 Kilometres Long, 350 Metres Deep; Initial Resource Estimate Expected Early 2015](#)
- 11 November 2014, [Anconia Samples 19 G/T Au from the Sylvanite Fault at Grenfell Property, Kirkland Lake Ontario](#)
- 10 November 2014, [Stornoway Lists Convertible Debentures](#)
- 7 November 2014, [Canadian Zinc Extends Mineralization at the Tunks East Massive Sulphide Prospect, Central Newfoundland](#)
- 7 November 2014, [Dominion Diamond Corporation Files Developer's Assessment Report for the Ekati Diamond Mine](#)
- 7 November 2014, [Dominion Diamond Corporation Provides Financial Security for the Ekati Diamond Mine](#)



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## 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 2020. Workforce approximately 1,400. Nov 6, GNWT approved Dominion Diamond Ekati Corporation's surety bond as security for approximately \$253 million under its Ekati water licence.	Nov 6 news release: Dominion Diamond Corporation Provides Financial Security for the Ekati Diamond Mine. DDMC posted surety bonds with the GNWT in the aggregate amount of CDN\$253,473,000 to secure the obligation under its Water Licence to reclaim the Ekati mine site. The same day, GNWT approved Dominion Diamond Ekati Corporation's surety bond as security. Nov. 20 News Release: Q3 Report: Consistent with the two previous quarters, diamond production at the Ekati Diamond Mine continued to exceed plan, driven by both higher than expected grades and operational improvements to the processing plant. Nov. 20 News Release: Dominion Diamond Corporation Chairman and CEO Takes Medical Leave
Ekati Jay Project	<a href="#">Dominion Diamond Corporation</a> ,	Diamonds	The Ekati Jay project is in EA. Ekati mine life currently ends in 2019, but if mining of the Jay pipe is approved, mining could be extended 10-20 yrs.	Nov 6 news release: Dominion Diamond Corporation Files Developer's Assessment Report for the Jay pipe development at the Ekati Diamond Mine.
<a href="#">Diavik Mine</a>	Rio Tinto & <a href="#">Dominion Diamonds</a>	Diamonds	Canada's largest producer of diamonds, 300 km NE of Yellowknife. Mine life to 2023. Became all underground mine in 2012. Workforce approximately 1,000. To Dec 31, 2013, the mine has produced approximately 84 M carats of diamonds from the processing of approximately 22 M tonnes of kimberlite and has transitioned from open pit to a fully underground mine.	Nov. 20 news release: Dominion Diamond Corporation reports Q3 Report: The Diavik Diamond Mine continued to deliver a good performance for the third consecutive quarter of fiscal 2015.
<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.	On Oct. 31, the water license amendment environmental assessment received GNWT approval to proceed to permitting.
<a href="#">Cantung Mine</a>	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western NWT, ~300 km by road NE of Watson Lake, Yukon. Cantung Life of Mine Extended Beyond the end of 2017. Over the past 3 years, NTC has extracted over 1.4 million tons of ore at Cantung; yet their probable reserve estimates over that period have increased from the 1.69 million tons reported in 2011 to our current estimate of 1.82 million tons.	Sept 8 News Release: North American Tungsten's Mactung project received environmental approval and will proceed to regulatory. The project straddles the Yukon/NWT border. Sept 19 release: Cantung Life of Mine Extended Beyond the end of 2017. Over the past 3 years, NTC has extracted over 1.4 million tons of ore at Cantung; yet their probable reserve estimates over that period have increased from the 1.69 million tons reported in 2011 to our current estimate of 1.82 million tons.
<a href="#">Gahcho Kué</a>	De Beers & <a href="#">Mountain Province</a>	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NWT. Estimated mine jobs: 400. Mine life increased from 11-12 years in 2014 Feasibility Study. First production on schedule for Q3 2016. Peak construction workforce 700.	Sept 24 news release: Gahcho Kué Project Joint Venture welcomes approval of water licence by NWT Government. This is one of the final steps required to make the mine construction decision.



<a href="#">Nechalacho</a>	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. The Company remains optimistic that rare earth demand will recover sufficiently in 2015 to attract Project financing and allow construction work to begin by summer 2015.	News release Oct 8: Avalon Provides Update on Progress on the Nechalacho Rare Earth Elements Project. Work programs to optimize the 2013 Feasibility Study have been completed and an updated feasibility study is in preparation. Completion of this study awaits a decision on a location for the hydrometallurgical plant and revised cost estimates for this facility. A bulk sample of Basal Zone material has been recovered and a processing trial will proceed once a suitable facility is arranged and funding of about \$4 million is in place. Depressed commodity prices generally and reduced demand for rare earths in particular, have made accessing capital for large scale resource development projects like Nechalacho very challenging in recent months.
<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	July 22 news release: NICO water license approved by the NWT Minister of Environment on July 14, and takes effect July 22; Final step in permitting process; Company can now commence construction of the mine upon receipt of project financing and after making the initial closure bond payments to the GNWT. Aug 18 news release: Fortune reports Q2 financial results.
<a href="#">Prairie Creek</a>	Canadian Zinc Corporation	Zinc-lead-silver	Proposed underground mine 120 km W of Ft. Simpson. Estimated mine jobs: 220 All permits now in place to construct and operate the mine. Completion of an optimized FS and conclusion of a project financing package is expected in H1/14.	News release Oct 7: Canadian Zinc Starts Underground Program At Prairie Creek – Mine Development Contract Awarded; Underground Exploration Drilling Scheduled; and Surface Facility Upgrades Underway
<a href="#">Yellowknife Gold</a>	Tyhee 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 4 news release: Tyhee agrees to acquire majority stake in Sutter Gold Mining Inc. – Sutter to Restructure Debt.
<a href="#">Pine Point</a>	Tamerlane Ventures	Lead-zinc	Company proposes underground mine E of Hay River, NWT using freeze technology for water management. Estimated mine jobs: 225	News release March 28: Tamerlane receives positive NI 43-101 updated summary technical report for Pine Point.
<a href="#">Courageous Lake</a>	Seabridge Resources	Gold	Proposed open pit mine 240 km NE of Yellowknife. 6.5 M oz proven and probable reserves. (Positive PFS July 2012)	New 5-year land use permit issued December 28 to allow up to 700 drill holes. In the 9 months of 2013, Company incurred \$5.3 M in exploration costs to complete the winter and spring exploration and drilling programs and assess the results of those programs.
<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

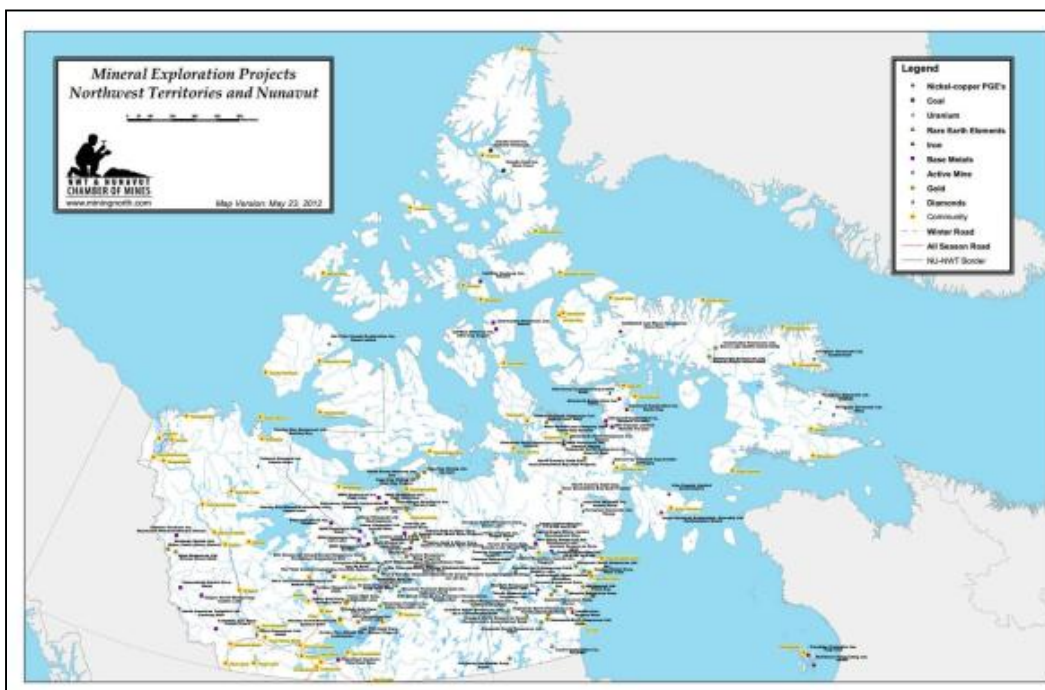
The following table describes a number of leading mineral development projects in Nunavut.

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: 736	Feb 12 AEM reports Q3 2014 results: In the first 9 months of 2014, produced 336,162 oz. at a total cash cost of \$561 per oz. Production in 2015 is expected to significantly exceed 375,000 oz.
<a href="#">Mary River Iron Mine</a>	Baffinland Iron Mines	Iron	In operation since September 2014; Open pit mine located 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: 3,500-5,000. Estimated mine jobs: 715	Production from Early Revenue Phase (ERP) began September 8, 2014. First shipment of ore anticipated May 2015.
<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: 485	NIRB recommends approval of Type A Water License renewal for 10-year period on August 16, 2013; Pending 2014 results; Plans to conduct PFS by early 2015 and bring the property into production by 2020.
<a href="#">Meliadine Gold</a>	Agnico Eagle Mines	Gold	Possible open pit and underground gold mine, 25 km NE of Rankin Inlet. Estimated construction jobs: 1000 Estimated mine jobs: 700	NIRB recommends to Minister that project proceed, October 10, 2014, subject to 127 terms and conditions. Updated technical study scheduled for late 2014 or early 2015.
<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 Final Public Hearing scheduled for March 2 – 20, 2015 in Baker Lake.
<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	2014 drill program complete; Technical Meeting/Pre-Hearing Conference November 13 – 19, 2014 in Cambridge Bay. Expect to file Final EIS in early 2015.
<a href="#">Hackett River</a>	Glencore	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	PFS initiated in September, 2012; Glencore is taking lead on advancing the Bathurst Inlet Road & Port project, with Sabina.
<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 examining alternative designs to reduce costs, add value, and improve economic viability of the project. Company stated publicly that project needs infrastructure assistance to become a mine.
<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 FS August 10, 2012. AEI and Parkson Star of Hong Kong signed MOU, May 17, 2014 to create JV Savik Iron Mines. Now working towards DEIS.
<a href="#">Chidliak</a>	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. 68 kimberlites have been discovered to date with 8 being potentially economic.	2014 exploration program ongoing; planning underway for an important resource definition program designed to advance the project to the feasibility stage. Company plans to file Preliminary Economic Assessment in 2016.

<a href="#">Angilik</a>	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit.	Kivalliq acquired property in 2008; 89,500 m on exploration and resource drilling to date; \$55 M on exploration expenditures to date; 13 new uranium zones discovered; Inferred resource 43.3 M lbs. U308 in 2.8 M tonnes grading .69% at .02% cutoff.
<a href="#">Qilalugak</a>	North Arrow Minerals / Stornoway Diamonds	Diamonds	7 km from tidewater; 9 km from Repulse Bay, Melville Peninsula; 7,143 hectares of contiguous mineral claims.	1500 tonne sample awaiting processing and subsequent diamond valuation; results due Q1 2015 have potential to be transformative to the company; Inferred mineral resource 26.1 carats – 48.8 M tonnes with an average total diamond content of 53.6 cpht to a depth of 205 m.
<a href="#">Lupin &amp; ULU</a>	Elgin Mining / Mandalay Resources	Gold, silver	Located SE of Kugluktuk. Lupin mine: past production; 3.7 M oz. ULU deposit: indicated mineral resource; 751,000 tonnes	Sept 3 news release: Shareholders voted in favour of special resolution approving the sale of Elgin to Mandalay Resources Corporation.

## Detailed Deposit Map

A reminder that this and other detailed maps are available on our Chamber [website](#).



## Project Maps

