

# Northern Mining News

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## From the Executive Director ...

Well, the good news this month is that the Jay Pipe is continuing to advance through the environmental approvals process with public hearings now concluded. The Chamber of Mines provided a statement of perspective to remind the public and the Review Board of the good things Ekati mine has provided the NWT. Their owner, Dominion Diamond also released positive economic assessment of their Sable project. The 2014 SEA report of De Beers' Snap Lake is now out and provides information on that diamond mine's contributions. And the NWT government has shared its first royalties with Aboriginal groups. On the bad news front, Cantung is closing due to depressed tungsten prices.

Despite the difficult marketplace, there are still some advanced projects moving forward largely for gold and diamonds. Sabina issued a positive feasibility study on Back River. Nighthawk and TerraX and Kennady Diamonds continued their exploration in the shadow of past or future producers. Canadian Zinc has successfully added resources too!

Happy reading! ... Editor

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



## **NWT Government shares resource royalties with Aboriginal groups**

On April 1, 2014, the responsibility for public land, water and resource management was transferred to the GNWT under the Northwest Territories Lands and Resources Devolution Agreement. Under that Agreement, the GNWT collects all resource revenues (after land claim amounts removed) and shares 50 per cent with the federal government.

The GNWT's "net fiscal benefit" (NFB) of 50 per cent of resource revenues is also subject to a cap that is not expected to be triggered in the medium term.

The GNWT then takes the following actions with the royalties:

- Up to 25 per cent of the NFB is shared with Aboriginal governments under the NWT Intergovernmental Resource Revenue Sharing Agreement, part of devolution.
- 18.75 per cent (25 per cent of the remaining NFB) is currently committed to the Heritage Fund
- 56.25 per cent (remainder of the NFB after sharing with the Aboriginal governments and the Heritage Fund contribution) will be applied to strategic infrastructure and debt repayment

Allocations to Aboriginal organizations that are signatories to the Devolution Agreement were completed in August 2015. These allocations are based on population shares (70%) and regional Cost of Living factors (30%). The 2014-15 shares were a lump sum of revenues received but going forward, RRS payments will be on a quarterly basis of revenues received.

Sharing with Aboriginal groups was as per the following table:

### ***Resource Revenue Sharing 2014-15***

<b>Aboriginal Group</b>	<b>Royalty Share</b>
Acho Dene Koe First Nation	\$169,621
Deninu Kue First Nation	\$214,785
Gwich'in Tribal Council	\$1,066,164
Inuvialuit Regional Corporation	\$1,636,919
Kátł'odeeche First Nation	\$118,706
Northwest Territory Métis Nation	\$565,846
Sahtu Secretariat Inc.	\$1,204,041
Salt River First Nation	\$225,890
Tłı̨cho Government	\$1,094,308
<b>TOTAL</b>	<b>\$6,296,280</b>

## **TerraX reveals hidden surprises in rich Yellowknife gold belt**

Results of ongoing exploration by TerraX Minerals in the supposedly well explored and trodden Yellowknife Gold Belt is revealing some surprising results, and breaking the myth that an area of such high geological potential, adjacent to the largest community in the NWT has nothing more to reveal.

In a September 8 [news release](#), TerraX shared that they have found an entirely new gold showing with high gold values across some pretty decent widths, and that shows no evidence of previous sampling.

In what they call the Hebert-Brent Shear, they report finding significant results from channel sampling of:

- 6.0 m @ 10.26 g/t Au ("Hebert-Brent South"), and
- 15.3 m @ 2.23 g/t Au, including 6.00m @ 4.05 g/t Au ("Hebert-Brent East").

These results are highly significant, indicating high grade zones of mineralization across a sheared area approximately 80 metres wide in the area which is 1 km south and on strike with the Barney Zone drilled in 2014 (22.42 m @ 6.35 g/t Au in hole NB95-16W1 - see TerraX news release of August 25, 2014), all within the newly mapped deformation zone called the Barney Deformation Corridor ("BDC").

This is all very exciting given that the property lies within 15 km of the City of Yellowknife, close to vital infrastructure, including transportation, service providers, hydro-electric power and skilled trades people. Goes to show that the old adage still holds true: "if you want to find a mine, look in the shadow of an existing one". That existing belt, the Yellowknife gold belt, hosts the past producing high-grade Con (6.1 Moz @ 16.1 g/t Au) and Giant (8.1 Moz @ 16.0 g/t Au) gold mines.

Similarly, TerraX's project area contains multiple shears that are the recognized hosts for gold deposits in the Yellowknife gold camp, with innumerable gold showings and high grade drill results in 2014 that serve to indicate the project's world-class district potential.



**The old Crestaurum Mine lies on TerraX's property.**

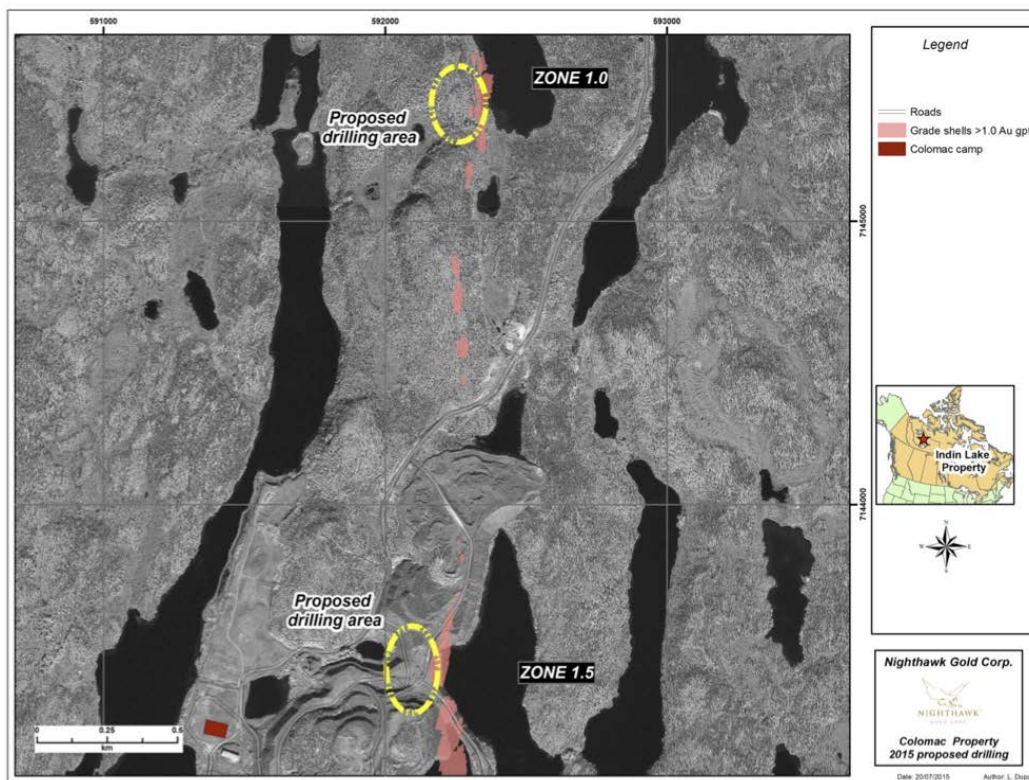
## **In another mine's shadow, Nighthawk Gold begins drill program**

Some 200 km northwest of TerraX's project, Nighthawk Gold began a 3,000 metre drill program in and around the old Colomac gold mine on its 100% owned Colomac Gold Deposit in the Northwest Territories. Drilling will focus on extending the recently discovered high-grade gold

mineralization at Zone 1.5 and testing Zone 1.0, which is believed to host mineralization similar to Zone 1.5, for the first time.

Highlights of the program will include:

- following up on the success of Nighthawk's 2014 drill results where hole C14-06 intersected 52.50 metres of 7.78 grams per tonne ("g/t") gold, including 21.00 metres of 16.73 g/t gold in Zone 1.5 (see December 3, 2014 news release);
- A 3,000 metre drill program, to be completed by early September 2015, will focus on Zones 1.0 and 1.5, which comprise the northern portion of the Colomac sill (Figure 1);
- The objective is to better define the dimensions of Zones 1.5 and 1.0 and further evaluate the extent of gold mineralization contained therein, especially within the near



surface environment.

Nighthawk is a Canadian-based exploration company focused on acquiring and developing gold mineral properties in the Northwest Territories. Its primary land position covers 229,791 acres or 930 square kilometres in the Indin Lake Gold Camp and includes an Inferred Mineral Resource estimate of 39.815 million tonnes with an average grade of 1.64 g/t gold for 2.101 million ounces gold using a cut-off grade of 0.6 g/t gold.

## Dominion Announces Positive Economic Assessment Results for Sable Project

- **11.7 million carats in Indicated Mineral Resources**
- **Post-tax IRR of 17.3%**
- **Capital and operational synergies with Jay Project**

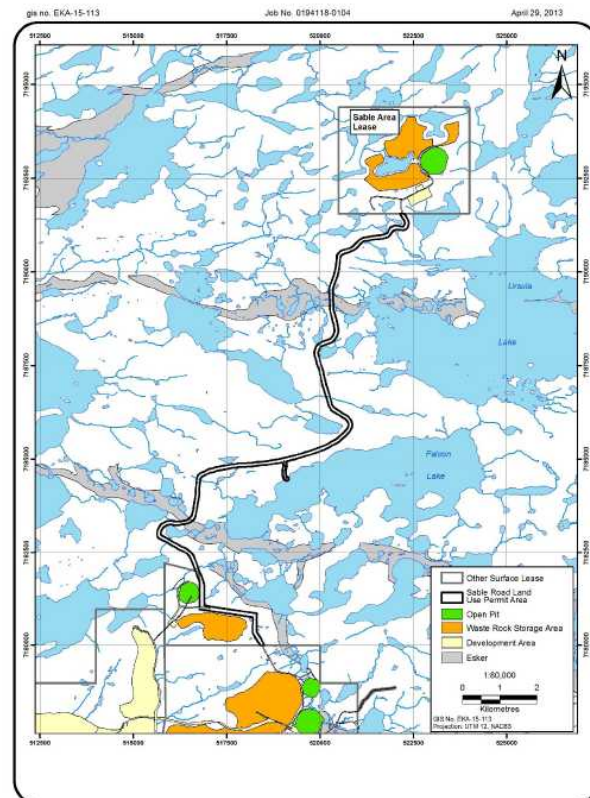
Dominion Diamond Corporation has announced positive results of a preliminary economic assessment (“Sable PEA”) of the Sable kimberlite pipe deposit located within the Core Zone Joint Venture property in Canada’s NWT, in which the Company holds an 88.9% interest.

Sable is a fully-permitted undeveloped deposit on the Ekati property, with a rapid development timeline and potential capital and operating synergies with the Jay Project. Sable and Jay could share haul trucks, loading equipment, and support equipment during development and operations. Combining Sable with Jay would also provide increased mine planning and processing flexibility.

The Sable pipe is located beneath Sable Lake, 17 kilometres north-northwest of the existing Ekati mine infrastructure. The Sable Project will require construction of an access road, site infrastructure, and sedimentation pond allowing Sable Lake to be dewatered ahead of the start of pre-stripping operations, and is fully permitted under existing Land Use Permits, a Water License, and a Fisheries Act Authorization.

The Sable PEA evaluated the development of the Sable pipe concurrently with the Jay Project. Incorporating production from Sable into the previously announced Jay Project would supply ore to the existing Ekati process plant at its full capacity until 2033 (with Sable mining ending in 2027). Sable would provide an additional high value ore source for the Ekati mine, allowing for optimal mine sequencing and operational flexibility to maximize the value of the Ekati operation. The Sable Project was evaluated as an incremental development opportunity together with the Jay Project, and does not change the previously estimated mineral reserves and resources of the Jay pipe.

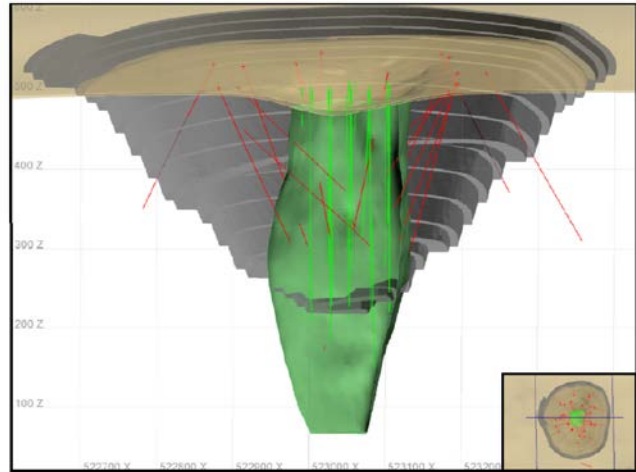
The Sable PEA includes in its evaluation the results of a reverse-circulation drilling campaign conducted during the prior winter. A total of 8 holes were drilled at approximately 24 inches in diameter, for a total of 1,535 tonnes sampled. The Ekati Bulk Sample Plant processed the drill hole interval samples and a total of 1,210 carats were recovered at a 1.0mm bottom cut-off.



*Sable Pipe is located 17 km NNE of the main mine site.*



The Company utilized quality control and assurance protocols for each sampling interval and data verification was undertaken on all geological, geotechnical, survey and bulk density data collected. Security procedures were established to ensure limited access to the sample collection areas and sample plant tailings samples were collected for future audit purposes in verifying the recovery process. Dominion compiled and prepared the Sable PEA with the assistance of its consultants Kleingeld, Young and Partners (“KYP”) and Peter Ravenscroft, FAusIMM, of Burgundy Mining Advisors Ltd.



*Cross section of the Sable kimberlite pipe.*

### **Key Financial and Project Highlights**

The key financial and project highlights of the Sable PEA are as follows:

- |                               |                                |
|-------------------------------|--------------------------------|
| • Mined Waste                 | 104.4 million tonnes           |
| • Mined Kimberlite            | 12.1 million tonnes            |
| • Strip Ratio                 | 8.6                            |
| • Recovered Carats            | 9.0 million carats             |
| • Recovered Grade             | 0.8 carats per tonne           |
| • Initial Development Capital | US\$147.4 million <sup>1</sup> |
| • Sustaining Capital          | US\$20.3 million <sup>1</sup>  |
| • Base Case Diamond Price     | US\$190 per carat <sup>2</sup> |
| • Post-tax NPV (incremental)  | US\$233 million <sup>3</sup>   |
| • Real Discount Rate          | 7%                             |
| • Mine Operational Life       | 10 years                       |
| • Post-tax IRR                | 17.3% <sup>3</sup>             |

### **Ekati mine’s Jay Pipe important, Chamber tells Review Board**

The Mackenzie Valley Environmental Impact Review Board held public hearings in Yellowknife, Lutsel K’e, and Behchoko in mid-September as part of the environmental approvals process for the Ekati Mine’s Jay Pipe. Dominion Diamonds is seeking approval of a plan to open pit mine this pipe in order to extend the life of the Ekati mine by a further 11 years. Predominant issues for discussion during the hearings were caribou and water.

Typically, Environmental Assessment processes are a forum where concerns are raised. But the definition of “environment” in the NWT’s guiding legislation also requires socio-economic effects to be factored in. In this regard, the Chamber of Mines made a short presentation to the Board to highlight the many positive aspects of the mine and its performance, to remind the

Board and other participants of the importance of the Ekati mine. Given that it is world class and employed 1,500 workers last year, the mine is likely one of the single largest contributors to the NWT's Gross Domestic Product. Extending its life will mean much to the NWT economy. Download text and/or visuals for the presentation [here](#).

## **De Beers Releases Snap Lake Mine 2014 Socio-Economic Report**

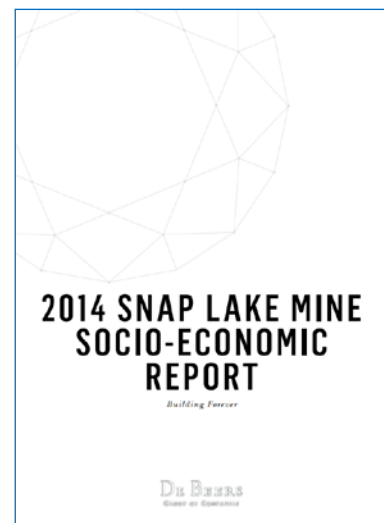
### ***Spending with NWT business increased***

De Beers Canada has released the 2014 Snap Lake Mine Socio-Economic Report summarizing the company's contribution to the economic, social and cultural well-being of the Northwest Territories.

"In 2014 our efforts were focused on optimizing the day-to-day operations through continuous improvement in safety and production performance," said Glen Koropchuk, Chief Operating Officer for De Beers in Canada. "While Snap Lake was impacted somewhat by the lengthy forest fire situation near the mine last summer, the biggest challenge continues to be the lack of skilled workers in the NWT."

Highlights of the 2014 Socio-Economic Report include:

- Since 2005, De Beers has invested more than \$1.5 billion with NWT businesses and joint ventures to build and operate Snap Lake Mine. In 2014, alone, the NWT spend increased to \$126 million, including \$50 million with Aboriginal companies and joint ventures.
- Snap Lake Mine invested \$1.8 million in training and other Corporate Social Investment, including support for literacy development and education, cultural activities, health programs, community development and sports.
- Aboriginal residents of the NWT provided 129 person years of employment.
- During 2014 there were a total of 15 trainees, all Aboriginal, at Snap Lake Mine, including four trades trainees, seven apprentices and four underground miner trainees.



An electronic version of the report can be downloaded [here](#). Printed copies are being sent to government and community leaders and other stakeholders.

## **Diamond Market Soft**

The global diamond market has been suffering, affected in no small part by the global financial market slump and China's woes.

These effects are felt here in our northern diamond mining industry too.

Dominion Diamond Corporation's recent quarterly news release provided their observations on the global diamond market, and what actions they have taken as a result.

*Demand for rough and polished diamonds remains quiet on the back of subdued demand for diamond jewellery from Asia. The third calendar quarter is traditionally a slower time for the rough market in advance of the Diwali holiday manufacturing shutdown in India and while the polished market prepares for important end of year consumer demand for diamond jewellery in the major consumer markets.*

*As a response to softer demand from Chinese retailers, largely for the middle size range of polished diamonds, the Company lowered prices during its latest sale in August. This has brought fiscal year-to-date average prices down by approximately 5%, in line with market prices.*

### **De Beers Insight Report – India Presents Further Growth Opportunity**

Global diamond jewellery demand rose three per cent to exceed US\$80 billion for the first time in 2014 – representing the fifth year of consecutive growth since the global recession – while global rough diamond production rose six per cent to US\$19 billion, according to The De Beers Group of Companies' Diamond Insight Report 2015.

Consumer demand in 2014 grew in each of the top five diamond consuming markets – the US, China, Japan, India and the Gulf – which account for 75 per cent of global demand. The strength of the US dollar suppressed further global growth, which at constant exchange rates amounted to almost five per cent.

Despite the strong performance in 2014, the Report notes that the continued strength of the US dollar and lower demand growth in China is likely to mean that global growth (in US dollar terms) in 2015 will remain stable on 2014 levels.

While rough diamond production value increased in 2014, production volume actually decreased three per cent to 142 million carats. According to the Report, rough diamond demand is likely to be lower in 2015 as higher levels of stock in the midstream and downstream work through the system.

The Report also reveals the extent of the opportunity presented by the growing economy and emerging middle class in India. It found that:

- Driven by a widening consumer base, economic development and increasing volumes, India's diamond consumer market has achieved almost uninterrupted growth over the last 20 years. It is now one of the world's largest consumer markets;
- The retail landscape is changing. Chains are set to grow in significance and lead the way in online development, both as a sales channel and as a means of researching future purchases. Brands are also becoming increasingly important for Indian consumers as reassurance of quality and

#### **THE DIAMOND INSIGHT REPORT**

*In Brief*

2015

DE BEERS  
GROUP OF COMPANIES



authenticity;

- As affluence continues to grow, more Indian women will be able to purchase diamonds. 75 million new Indian households are expected to see income rise above US\$5,000-6,000 in the decade, contributing to growing diamond demand. Meanwhile, the number of Elite households is expected to triple over the next decade to 12 million, while the Super Elites are expected to quadruple in size and reach over three million households by 2024, presenting the industry with a further growth opportunity.

Philippe Mellier, CEO, De Beers Group, said: "2014 saw strong levels of consumer demand across all key markets. Rough diamond demand was also strong in 2014, although we have seen more challenges in 2015. Indigestion in the midstream and downstream has impacted rough diamond demand this year, despite consumer demand for diamond jewellery being stable on the levels seen last year.

"However, the challenges faced by the sector in 2015 are expected to be short-term and the industry has excellent prospects. The long-term trend for demand has been positive, with consistent growth in demand for diamond jewellery since the 2008/9 financial crisis. There are also further exciting growth opportunities in the main consumer markets and India is a great example of this. Already one of the world's largest markets for diamond jewellery, the growth of the middle class in India over the next decade is set to make a major contribution to growing diamond demand."

Download the report [here](#).

### **Positive initial project feasibility study on Sabina's Back River Gold Project**

In a September 14th news release, Sabina Gold & Silver Corp announced it received the results of the Initial Project Feasibility Study (FS) for its 100%-owned Back River gold project in Nunavut.

"We believe this FS demonstrates that Back River is one of the best gold development projects in our sector. At ~6 grams Au per tonne, I believe it contains the highest grade undeveloped open pits in North America," said Bruce McLeod, President & CEO, "We have completed two feasibility studies on the Project focused on two scenarios: a 6,000 tonne per day ("tpd") operation ("6K FS") and, in this most recent study, a 3,000 tpd operation. Both of these studies delivered very positive economic results which demonstrate the optionality of these high grade continuous deposits. The 3,000 tpd FS is the most compelling opportunity for Sabina in this current market environment. Utilizing higher cut-off grades it would enable us to mine our initial open pit reserves while preserving opportunities for future underground expansion in the same deposits along with other existing project resources not in the current mine plan." he said.

"The fit-for-purpose FS delivers significant gold production of ~250,000 ounces Au per year through years 1 - 8 and ~200,000 ounces per year LOM with the majority of production coming from three-open pits within ~3km of the process plant. This scenario provides a lower execution risk for the Company by simplifying the mine plan and significantly reducing the CAPEX as we evolve from developer to producer. Back River is a large and emerging mining

district controlled 100% by Sabina with significant recent discoveries as well as many years of exploration potential. We are very excited about our path forward."

A unique feature of the Back River Project is the combination of high grade open pit and underground resources. These resources offer the optionality to selectively mine and process higher grade zones through the utilization of a higher cut-off grade, providing an opportunity to start smaller at Back River without significantly sterilizing remaining resources in the existing deposits.

The FS was commenced following the completion of the 6K FS entitled "Technical Report and Feasibility Study for the Back River Gold Property, Nunavut" dated June 22, 2015 and filed on SEDAR at <http://www.sedar.com>. This Study indicates the Project could generate a post-tax Internal Rate of Return ("IRR") of 24.2% and net present value(5%), ("NPV") of \$480.3 million with a rapid pay back of 2.9 years. The FS is based on a processing rate of 3,000 tpd with an average head grade of 6.3 g/t Au producing an average of 198,100 oz Au per year over an 11.8 year mine life at a Life of Mine ("LOM") cash cost of US\$534/oz Au. Initial capital for the project is estimated at C\$415M with sustaining capital of C\$185M.

### **Permitting**

The Back River Project commenced its formal environmental assessment in 2012 and is currently ~ 75% through the process. The Company plans on filing its Final Environmental Impact Statement to the Nunavut Impact Review Board ("NIRB") in November of this year, following which, after review by all intervenors, final public hearings are anticipated to be held in Cambridge Bay in Q1, 2016. The Company anticipates receiving a project certificate from the Minister of Aboriginal and Northern Affairs Canada during Q2, 2016. Receipt of a project certificate is the most significant milestone in the Project authorizations process in Nunavut.

### **Back River - Future Potential**

The Back River Gold Project is located in the West Kitikmeot Region of Nunavut, one of the world's safest mining jurisdictions. It is situated approximately 75 km from tide water at Bathurst Inlet. The Project is made up of a series of five claim blocks underlain by favourable "banded iron formation" host rock, of which only two (Goose and George) have been the primary focus of exploration and resource development to date. Of the ~80km of favourable stratigraphy in the district, the existing resources are located on only ~10km.

A Technical Report for the Back River FS is scheduled to be filed on SEDAR ([www.sedar.com](http://www.sedar.com)) within 45 days of the news release in accordance with National Instrument 43-101. Readers are encouraged to read the technical report once filed, including the qualifications and assumptions on which it is based. The full Sabina news release is available [here](#).

### **Cantung Mine entering care & maintenance to await better market conditions**

In a September 9 submission to the Mackenzie Valley Land & Water Board, North American Tungsten provided notification that the Cantung Mine will be temporarily shutting down operations at the end of October 2015. The last day of commercial operations will be October 27, 2015.

Following this date, a short period of clean up, site deactivation and winterization will occur. A Care & Maintenance Plan is being developed to guide this process. The Care & Maintenance period will begin at the end of November 2015, with a full-time care and maintenance team on-site to continue site monitoring, and to ensure that the minesite remains in good condition for the future startup of operations. The length of the shutdown is not known, but NATCL is hopeful that the operations will be able to resume in the summer of 2016, if economic and market conditions improve sufficiently.

NATCL intends on continuing to meet its water license obligations, including water sampling and reporting, and will remain in compliance throughout this period. NATCL also intends to continue to meet its obligations under the MMER, including water sampling, RISS reporting, and completion of the 2015 Environmental Effects Monitoring (EEM) biological study on the Flat River. NATCL expects to submit the interpretive report for the EEM biological study to EC in March 2016.

### **Three NWT Prospector Training Courses held**

Three two-day courses in geology and prospecting were held this fall in Yellowknife, Dettah and Behchoko.

The NWT departments of Industry, Tourism and Investment (ITI) and Education, Culture and Employment, along with the NWT Mine Training Society, the NWT & Nunavut Chamber of Mines, Tlicho Government, Yellowknife Dene First Nation, Aurora Geosciences, TerraX Minerals and Skills Canada all partnered in offering the course.

“Since 1996, the mining industry has provided more than 22,200 person-years of employment. It is essential that we continue to provide our residents with opportunities to learn about geology and prospecting so this sector can remain the economic engine it has been over the last 80 years,” said David Ramsay, Minister of ITI.

Course topics included bush navigation and safety, sampling methods, claim staking, basic and NWT geology, prospecting, exploration and mining, and regulatory information.

Prospector training is seeing increased interest from NWT residents and Aboriginal communities, and is one of the goals of the NWT Mineral Development Strategy. By supporting opportunities for geological and mineral skill building, the partners are helping to enrich workforce development and public awareness, a pillar of the NWT Mineral Development Strategy Implementation Plan that is helping the government to achieve the NWT Government’s vision of a prosperous and environmentally sustainable Northwest Territories.

### **Resource industry key theme at Nunavut Trade Show**

This month noted the 24th annual [Nunavut Trade Show & Conference](#) in Iqaluit. Hosted by the Baffin Regional Chamber of Commerce, the event brings together Nunavut businesses, governments, suppliers, investors, entrepreneurs, and the public for three days of networking.

The mood of the conference reflected an exciting time for Canada’s North, as mineral exploration is at record levels in all regions of Nunavut. Nunavut is rich in resources - both on

the land and in the waters. A session entitled “Our Resources & Our Economy: Updates from the Resource Development Sector” provided participants an opportunity to hear about these opportunities and what is happening in Nunavut’s key sector.

Alan O’Connor, Project Manager with Peregrine Diamonds Ltd., was on hand during this session to provide an update on the Chidliak Diamond project. Chidliak is located 120 km northeast of Iqaluit and 180 km south of Pangnirtung. To date, 71 kimberlites have been discovered with eight being potentially economic. On September 9, transportation of the 2015 CH-7 bulk sample to Saskatoon was completed. Independent diamond valuation results are expected Q1 2016. The full news release on the latest Chidliak update is available [here](#).

### **Times tough for exploration but diamonds, gold get some attention**

The markets are extremely challenging for explorers today, globally. But despite the trying times, some companies are able to raise money to explore, generally for gold and diamonds. Two of them are Northquest in Nunavut and TerraX in the NWT.

Northquest has been drilling its Pistol Bay Gold Project. The Project claims cover a 90 kilometre strike length of the Pistol Bay Trend, which is a west-trending series of surface gold occurrences and gold zones intersected in drill holes by Northquest in four drilling programs completed since 2011. The Pistol Bay Trend is a newly recognized trend parallel to, and 80 kilometres south of, the Meliadine Trend of gold deposits of Agnico Eagle Mines, which reportedly contains 3.0 million ounces of gold reserves, plus 2.2 million ounces indicated and 2.9 million ounces inferred.

In a September news release, Northquest stated they have completed 6,552 metres of drilling in 31 drill holes at the Vickers gold zone. Visual core logging indicates that these drill holes have increased the strike length of the zone from 400 metres to at least 600 metres. It is anticipated that by the end of September 2015, approximately 8,300 metres of drilling will have been completed at the Vickers gold zone in this year’s drilling program such that the total amount of drilling at the Vickers gold zone will be approximately 17,700 metres. Northquest anticipates that assays results from the drilling results will be announced within the next two or three weeks.

TerraX has been exploring successfully in the Yellowknife Gold Belt, adjacent to and north of the City of Yellowknife and its two historical gold mines, Con and Giant. This ground is partly well-trodden which one would expect in an 80-year old mining belt, but clearly not that well explored as TerraX has been discovering brand new gold and base metal showings. In a recent September release, TerraX revealed it has now staked claims around some additional exciting showings they have discovered, not north of the City but now SOUTH of town too. Many are watching this work with interest, as their successful financings are demonstrating.

Thank you TerraX and Northquest for keeping the exploration spark alive. ☺

## **Ekati Underground Team Wins National Mine Rescue Competition**

Dominion Diamond Corporation announced that the Ekati Underground Competition team was the overall winner of the underground events at the 12<sup>th</sup> Biennial National Western Regional Mine Rescue Competition in Fernie, British Columbia in early September.

The team made history when they took the overall underground prize for the first time, dominating in all events and coming in first place in four out of the seven competition events. The Ekati Surface Competition Team also excelled in their events and finished with the best showing for an Ekati Surface Team.

Brendan Bell, Chief Executive Officer, said, “The Emergency Response Team (ERT) at the Ekati mine is a dedicated team of employees who put their lives on the line to protect our workforce during emergencies. These individuals volunteer and devote an extensive amount of time to the team, constantly expanding their skills and knowledge to handle real-life situations if called upon. Both the surface and underground teams demonstrated a tremendous dedication to emergency response techniques and a commitment to the safety of our workforce.”



In recognition of their placement, the Ekati ERT Underground team has been invited to compete in the International Mine Rescue Competition next year in Sudbury, Ontario.

Bell added, “As a leader in the Canadian mining industry, Dominion has a responsibility to have robust emergency response and crisis management capabilities. Our ERT members have continued to excel in this regard and have shown they have what it takes to get the job done.”

## **Study says Aboriginal Rights in Yukon Negatively Affects Investor Confidence,**

The legal certainty established by modern land claim agreements in Yukon – once seen as an advantage in attracting new investment – is now being undermined by Canadian courts, according to a new study released September 24 by the Fraser Institute, an independent, non-partisan Canadian policy think-tank.



The study, ***Mining and Aboriginal Rights in Yukon: How Certainty Affects Investor Confidence***, warns that Yukon's experience could be a harbinger of uncertainty right across the country and particularly British Columbia.

"Unlike the historic treaty agreements of the 1800s, Aboriginal groups and governments today typically devote substantial resources - in time, money and legal counsel - to negotiate comprehensive modern agreements as a means to create legal and economic certainty. But in recent years, the courts have reinterpreted these agreements in a manner that increases uncertainty," said Malcolm Lavoie, study co-author and visiting assistant professor at the University of Alberta Faculty of Law.

In Yukon, for example, the courts have forced unforeseen obligations upon governments and third-parties beyond the requirements already spelled out in modern treaties.

Consequently, legal uncertainty has resulted in a marked drop in perceptions of Yukon as an attractive jurisdiction in which to invest.

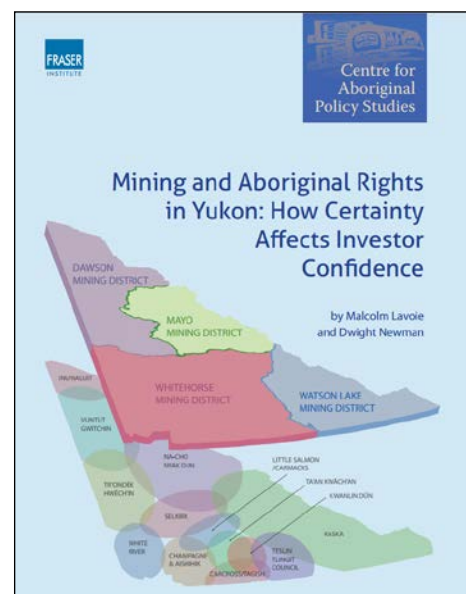
According to the Fraser Institute's 2014 Survey of Mining Companies - an annual survey of international mining and exploration executives - 30 per cent of those surveyed said the uncertainty concerning land claims in Yukon either significantly deters or blocks them from investing. By comparison, only 12 per cent of those surveyed were so deterred in 2010.

"By creating legal uncertainty, the courts can make Canadian jurisdictions less attractive in the global competition for investment in the natural resource sectors. This unfortunately can stunt economic development and prosperity for aboriginal and non-aboriginal Canadians alike," said Ravina Bains, associate director of aboriginal policy studies at the Fraser Institute.

Lavoie and co-author Dwight Newman, Canada Research Chair in Indigenous Rights and Constitutional and International Law at the University of Saskatchewan, make the point that it is possible to provide robust protections for aboriginal rights without creating conditions of legal uncertainty. They recommend that courts not impose obligations that go beyond the express terms of modern land claims agreements; they suggest that courts can develop doctrines like the duty to consult in ways that provide better guidance to governments and other parties; and they urge the courts to avoid the dramatic shifts in the jurisprudence that have characterized the past three decades.

"Yukon serves as a measurable example of how legal uncertainty can have negative effects on a jurisdiction's resource development," Lavoie said. "If court decisions continue to undermine the certainty created by modern land claims agreements, then the incentives for governments and aboriginal groups to enter into such agreements will be diminished."

Download the report [here](#).



## Scotiabank – Commodity Prices Tumble to Decade Low in August

- Financial markets question whether the ‘China Growth Story’ is over — pulling down oil & base metal prices in August.
- But, Glencore production cuts shore up copper prices in September.
- Gold & silver rally, as the Federal Reserve Board delays its first rate hike.

Some highlights:

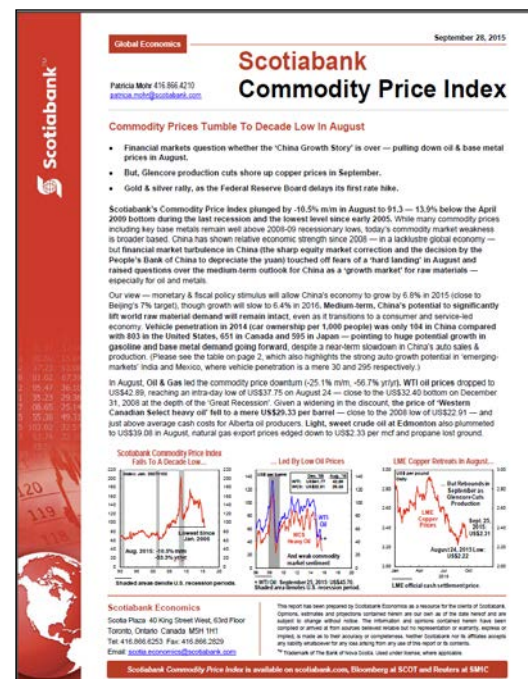
*Scotiabank’s Commodity Price Index plunged by -10.5% m/m in August to 91.3 — 13.9% below the April 2009 bottom during the last recession and the lowest level since early 2005. While many commodity prices including key base metals remain well above 2008-09 recessionary lows, today’s commodity market weakness is broader based. China has shown relative economic strength since 2008 — in a lacklustre global economy — but financial market turbulence in China (the sharp equity market correction and the decision by the People’s Bank of China to depreciate the yuan) touched off fears of a ‘hard landing’ in August and raised questions over the medium-term outlook for China as a ‘growth market’ for raw materials — especially for oil and metals.*

*Our view — monetary & fiscal policy stimulus will allow China’s economy to grow by 6.8% in 2015 (close to Beijing’s 7% target), though growth will slow to 6.4% in 2016. Medium-term, China’s potential to significantly lift world raw material demand will remain intact, even as it transitions to a consumer and service-led economy. Vehicle penetration in 2014 (car ownership per 1,000 people) was only 104 in China compared with 803 in the United States, 651 in Canada and 595 in Japan — pointing to huge potential growth in gasoline and base metal demand going forward, despite a near-term slowdown in China’s auto sales & production. (Please see the table on page 2, which also highlights the strong auto growth potential in ‘emergingmarkets’ India and Mexico, where vehicle penetration is a mere 30 and 295 respectively.)*

*The Metal & Mineral Index also lost ground in August (-1.6% m/m, -19.3% yr/yr). The decline — from already low levels — mostly reflects concern over the outlook for China’s economy. China dominates world demand for the four key base metals — copper, zinc, nickel and aluminium — accounting for an estimated 48.6% of 2015 world demand, while the United States represents a mere 9.0%; China is a five times bigger market than the United States. China also accounts for 50% of world steel production, dominating demand for coal and iron ore.*

*Zinc prices have not escaped recent fund selling, declining from a high of US\$1.04 per pound in May to US\$0.82 in August and US\$0.75 in late September, despite the imminent closure of two large mines (Century and Lisheen). LME inventories have increased recently with an end to some stock financing deals and the return of off-warrant stocks. However, the story of medium-term strength remains intact.*

Download the entire newsletter [here](#) or click on the report thumbnail.



## Selwyn Project Newsletter

Selwyn Chihong Mining Ltd., owners of the Selwyn base metal project near the Yukon – Northwest Territories border have released their fall newsletter.

Topics highlighted include:

- Students in Camp this Summer
- Kaska Elders' Tour
- Baseline Research at The Selwyn Project
- How is the Howard's Pass Access Road Benefitting NWT Communities?
- What's in the Socioeconomic Participation Agreement?

Click [here](#) to download and visit their website [www.selwynchihong.com](http://www.selwynchihong.com) for more information:



## Welcome New Members!

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

- **Northspan Explorations Ltd.** is a contract drilling company based in Kelowna, British Columbia that specializes in rapid exploration drilling using in-house designed, reverse circulation and rotary drills. For more information visit: [www.northspan.ca](http://www.northspan.ca).
- **Remote Helicopters N.W.T. Inc.** provides air charter services nationwide with international experience and knowledge. For all your helicopter charter requirements, Remote Helicopters is your charter specialist. For more information visit: [www.remotehelicopters.com](http://www.remotehelicopters.com).
- **SMS Equipment Inc.** holds a unique position in the industry as a one-stop supplier of the most complete range of equipment. They offer only world-renowned brand names that meet your standards of reliability and productivity, and also offer a select range of production attachments for specific market segments such as construction, forestry, mining and utility industries. For more information visit: [www.smsequip.com](http://www.smsequip.com).
- **Veolia Water Technologies Canada** is an industry leader in the manufacture of municipal and industrial water and wastewater treatment equipment. Their experts will support you throughout your project, from conducting a needs assessment to supervising installations. For more information visit: [www.veoliawatertechnologies.ca](http://www.veoliawatertechnologies.ca).

## Calendar of Events

- **Energy and Mines 3rd annual Toronto Summit**, October 22-23, Toronto. The Summit will bring together senior mining executives and global energy experts to discuss reliable, affordable and sustainable energy solutions for mines. This year the Summit focuses on remote power solutions and the organizers are currently looking for mining executives to participate in a session on energy choices for remote operations. Contact Director, Energy and Mines at [adrienne.baker@energyandmines.com](mailto:adrienne.baker@energyandmines.com). To register, visit: <http://energyandmines.com/toronto/>. NOTE: Chamber of Mines newsletter readers and get a 20% discount. Just enter nwt20 when you register.
- **Geochemistry of Hydrothermal Ore Deposits, Short Course for Geologists**, October 24-31, Ottawa. The University of Ottawa is running an 8-day short course for mining geologists and geochemists, and senior graduate students. For registration and course description, visit: [http://science.uottawa.ca/earth/short\\_course](http://science.uottawa.ca/earth/short_course)
- **Canadian Aboriginal Minerals Association (CAMA) Conference**: Leading Resource Management, Protecting Our Environment, November 22 – 24, 2015, Vancouver, BC. Click [here](#) to register.
- **43<sup>rd</sup> Annual Geoscience Forum**, November 24-26, 2015, Yellowknife, NT. Join us at the largest mining and petroleum conference and tradeshow in the Northwest Territories. The joint initiative of the NWT & Nunavut Chamber of Mines and the Government of the NWT's Department of Industry Tourism, and Investment attracts many hundreds of delegates and exhibitors excited to share their knowledge, to learn from others, and to show off their wares. For more information visit [www.geoscienceforum.com](http://www.geoscienceforum.com) and contact [officemanage@miningnorth.com](mailto:officemanage@miningnorth.com).
- **MVRMA Workshop**, January 12-14, 2016, Explorer Hotel, Yellowknife, NT. Contact Marcy MacDougall, at Tel: 867-920-6340, Email: [marcy\\_macdougall@go.nt.ca](mailto:marcy_macdougall@go.nt.ca).
- **AMEBC Mineral Exploration Roundup**, January 25-28, 2016, Vancouver, BC. To learn more, visit: <http://www.amebc.ca/roundup>.
- **PDAC International Convention, Trade Show & Investors Exchange**, March 6-9, 2016, Toronto, ON. For the world's leading Convention for people, companies and organizations in, or connected with, mineral exploration, visit [here](#).
- **Nunavut Mining Symposium**, Unearth the Potential, April 4-7, 2016, Iqaluit, NU. To learn more, visit: <http://www.nunavutminingsymposium.ca/>.

## **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.

- 5 October 2015, [Kennady Diamonds Announces Kelvin North Sample Grade of 2.6 carats per tonne](#)
- 1 October 2015, [Kennady Diamonds Closes First Tranche of C\\$48 million Non-Brokered Private Placement](#)
- 30 September 2015, [Agnico Eagle Provides Notice of Release of Third Quarter 2015 Results and Conference Call](#)
- 23 September 2015, [TerraX stakes 16.7 sq km Southbelt Property south of Yellowknife; gold values up to 94.9 g/t obtained in grab samples](#)
- 22 September 2015, [De Beers 2014 Snap Lake Mine Socio-Economic Report Released](#)
- 21 September 2015, [Kennady Diamonds Updates Kennady North Drilling](#)
- 21 September 2015, [Diamond Industry Fundamentals Support Long-Term Confidence in Sector as India Presents Further Growth Opportunity](#)
- 18 September 2015, [Canterra Announces Financing Extension](#)
- 17 September 2015, [Mineral Resources Increase at Prairie Creek Mine](#)
- 16 September 2015, [Kennady Diamonds Announces C\\$48M Private Placement](#)
- 16 September 2015, [North Arrow Completes Till Sampling Program at the Mel Diamond Project, Nunavut](#)
- 14 September 2015, [Sabina Gold & Silver Announces Positive Initial Project Feasibility Study on Back River Gold Project, Nunavut](#)
- 11 September 2015, [West Melville Appoints New Chief Financial Officer and New Corporate Secretary](#)
- 10 September 2015, [Dominion Diamond Corporation Announces Sable Project Preliminary Economic Assessment Results](#)
- 10 September 2015, [Dominion Diamond Corporation Reports Fiscal 2016 Second Quarter Results](#)
- 9 September 2015, [Peregrine Provides Chidliak Update](#)
- 8 September 2015, [Northquest Ltd. Provides an Update on Ongoing Diamond Drilling at the Pistol Bay Gold Project, Nunavut, Canada](#)
- 8 September 2015, [104-Carat Forevermark Diamond Unveiled](#)
- 8 September 2015, [TerraX discovers new high grade gold zones at Yellowknife City Gold; channel samples 6.0 m @ 10.26 g/t Au across strike on Hebert-Brent Shear](#)
- 8 September 2015, [AM Gold shareholders approve sale of Pinaya Copper-Gold Project in Peru to Kaizen Discovery](#)
- 8 September 2015, [North Arrow Confirms High Diamond Counts From Pk150 Kimberlite Pikoo Diamond Project, Saskatchewan](#)
- 3 September 2015, [TerraX Posted Updated September Corporate Presentation](#)
- 3 September 2015, [Canterra Commences Exploration Program on South Slave Properties, NT](#)
- 2 September 2015, [Kivalliq Energy Appoints Jonathan Singh as Corporate Secretary](#)
- 2 September 2015, [TerraX appoints Elif Levesque to Board of Directors](#)
- 31 August 2015, [Kennady Diamonds Updates Kennady North Drilling](#)



## 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 in 2014 approximately 1,500.	News Release, Sept 10: Dominion Diamond Corporation Announces Sable Project Preliminary Economic Assessment Results <ul style="list-style-type: none"> <li>11.7 million carats in Indicated Mineral Resources</li> <li>Post-tax IRR of 17.3%</li> <li>Capital and operational synergies with Jay Project</li> </ul> News Release, Sept 10: Dominion Diamond Corporation Reports Fiscal 2016 Second Quarter Results
Ekati Jay Project	<a href="#">Dominion Diamond Corporation</a> ,	Diamonds	The Ekati Jay project is in Environmental Assessment. Ekati mine life currently ends in 2020, but if mining of the Jay pipe is approved, mining could be extended 10 yrs.	Technical Hearings on the project were held in Yellowknife the week of April 20.
<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 through 2023. Became all underground mine in 2012. Work to develop new A21 open pit has begun and will cost US\$350m over 4 years. Workforce approximately 1,000. To Dec 31, 2013, the mine produced approximately 84 M carats of diamonds from the processing of approximately 22 M tonnes of kimberlite.	July 15, 2015 news release: Dominion Diamond Corporation Reports Diavik Diamond Mine Second Calendar Quarter Production. Processing volumes in the second calendar quarter of 2015 were 9% lower than the same quarter of the prior year due to additional stockpile ore that was available and processed during the comparable quarter of the prior year. Diamonds recovered in the second calendar quarter were consistent with the same quarter of the prior year. Higher grades achieved in the current year have offset the reduced processing volumes. The development of the A-21 pipe is progressing according to plan.
<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.	On Sept 9, North American Tungsten notified the MVLWB that the Cantung Mine will be temporarily shutting down operations at the end of October 2015, with last day of commercial operations October 27, followed by a short period of clean up, site deactivation and winterization. The length of the shutdown is not known, but NATCL is hopeful that the operations will be able to resume in the summer of 2016, if economic and market conditions improve sufficiently. See story this issue.
<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.	May 7 news release: Mountain Province Diamonds Inc. welcomes Société Générale to Lending Syndicate - Overall Gahcho Kué Project Development more than 60 percent Complete and remains on schedule for first production during H2 2016 and is forecast to be completed within budget. Following the successful completion of deliveries of equipment and supplies on the 2015 ice road the focus is now on the mobilization of contractors for the construction of major facilities such as the processing plant. There

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

				are currently approximately 300 personnel on site and this number is expected to increase to over 500 in the next six months as construction peaks.
<a href="#">Kennady North</a>	<a href="#">Kennady Diamonds Inc.</a>	Diamonds	Kennady Diamonds controls 100% of Kennady North project comprising 13 leases and claims immediately to north and west of 4 leases controlled by the Gahcho Kué Joint Venture (see above). Kennady Diamonds aims to identify a resource along the Kelvin – Faraday kimberlite corridor of between a 12 and 15 million tonnes at a grade of between 2 and 2.5 carats per tonne and also to identify new kimberlites outside of the corridor. The Kelvin – Faraday corridor is a target for further exploration. The tonnage estimate is based on the drilling completed to date. The potential quantity is conceptual in nature as there has been insufficient drilling to define a mineral resource and it is uncertain if further exploration will result in the target being delineated as a mineral resource.	Oct 5 News Release: Kennady Diamonds Announces Kelvin North Sample Grade of 2.6 carats per tonne. Approximately 2.4 tonnes of kimberlite from the Kelvin North Lobe was processed by caustic fusion at the Geoanalytical Laboratories Diamond Services of the Saskatchewan Research Council and returned a sample grade of 2.6 carats per tonne for diamonds of commercial size. The four largest diamonds recovered from the Kelvin North Lobe sample are described as: <ul style="list-style-type: none"> <li>• 0.23 carat off-white, transparent, broken octahedral with inclusions;</li> <li>• 0.19 carat off-white, transparent, broken octahedral with minor inclusions;</li> <li>• 0.18 carat off-white, transparent, broken octahedral with inclusions; and</li> <li>• 0.17 carat off-white, transparent, octahedral with no inclusions.</li> </ul>
<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 August 5, 2015: Avalon Receives Continued Listing Standards Notice From NYSE
<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. Requires access to highway to Wha Ti, still to be constructed.	Aug 13 News Release: Fortune Minerals announced it has completed the second and final stage of the restructuring agreement entered into with Lascaux and its other secured creditors to settle its secured debt obligations and remove the security over the Company's Canadian assets.
<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. Preliminary Feasibility Study scheduled to be completed later in 2015. The company has submitted proposal to construct a new airstrip and all-weather road for environmental approval.	News Release Sept 17: Mineral Resources Increase at Prairie Creek Mine <ul style="list-style-type: none"> <li>• 2015 Drill Program Increases Measured &amp; Indicated Resource Tonnage by 32%</li> <li>• Additional Resources From Newly Defined Stockwork Mineralization</li> </ul>
<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. Tyhee has informed the Mackenzie Valley Land & Water Board that they have closed their camp, awaiting an opportunity to raise more money and a bit of a turnaround in the market	News Release Aug 29: RMB Provides New Extension of Loan Maturity Date to September 11, 2015
<a href="#">Pine Point</a>	Tamerlane Ventures	Lead-zinc	Company proposes underground mine E of Hay River, NWT using	News release March 28, 2014: Tamerlane receives positive NI 43-101 updated summary

			freeze technology for water management. Est mine jobs: 225	technical report for Pine Point. Company is in receivership.
<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, 2014 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. Seabridge is currently focusing its work on their KSM mine development in British Columbia.
<a href="#">Selwyn</a>	Selwyn Chihong Mining Ltd.	Zinc, lead	Proposed underground mine in Yukon on NWT border and access is through NWT. Agreements signed with NWT (Sahtu) Aboriginal land corporations. The proposed Selwyn Project is an open pit zinc-lead mine with a projected mine life of more than 10 years. The mine is being designed to process 35,000 tonnes per day (tpd) of ore which, after processing, is expected to result in 2,500 tpd of zinc and 600 tpd of lead concentrate. Once processed, the concentrate would be trucked to the Port of Stewart for export. Selwyn Chihong estimates the proposed mine will create approximately 1500 jobs during construction and approximately 750 during operation.	Selwyn Chihong Mining's proposed upgrade of a road to its lead-zinc mining project in Yukon's Selwyn Mountains will undergo an environmental assessment. The Howard's Pass Access Road was first developed in the 1970s, and runs 79 km's in the NWT from the Nahanni Range Road to the N.W.T.-Yukon border. It goes through two national parks, the Dehcho region's Nahanni National Park Reserve and the Sahtu region's Naats'ihch'oh National Park Reserve. Parks Canada has referred the 79km Howard's Pass Access Road (HPAR) to Environmental Assessment under the MVEIRB, which accepted the referral in July 2015.



Underground exploration drilling added resources to Canadian Zinc's Prairie Creek project.

## Mines & Promising Nunavut Mine Projects

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

Project	Owner(s)	Commodity	Description	Status
<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: 775 Exploring potential satellite deposit, Amaruq, 30km from mine site.	April 30, 2015: AEM Reports Q1 2015 Operating and Financial Results - Strong Operational Performance Drives Record Gold Production and Low Costs - Amaruq and Kittila Drill Programs Yield Positive Results.
<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. Mine jobs: 602 Production from Early Revenue Phase (ERP) began September 8, 2014. Company has proposed a Phase 2 project with increased production and shipping. AANDC Minister has approved application for exemption from NPC negative conformity determination, July 14, 2015.	On August 10, Baffinland Iron Mines announced that loading of the first shipment of Mary River iron ore is complete. The Federal Tiber bulk carrier departed from Milne port at 17:12 EDT on Saturday, Aug 8, 2015 carrying a total of 53,624 tonnes of iron ore. The ship is bound for Nordenham, Germany, where its cargo will be unloaded and eventually used to make high quality steel. (See story this issue)
<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 Plans to begin production late 2016.	August 1, 2015: NTI grants Doris Mine Production Lease. August 21, 2015: NIRB issues positive conformity determination of amended application for Doris North and allows technical review to begin.
<a href="#">Meliadine</a>	Agnico Eagle Mines	Gold	Proposed open pit and underground gold mine, 25 km NE of Rankin Inlet. Estimated construction jobs: 1,000 Estimated mine jobs: 700	February 26, 2015: NIRB issues project certificate. March 12, 2015: AEM completes updated NI 43-101 technical report.
<a href="#">Kiggavik</a>	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	May 8, 2015: NIRB recommends project not proceed; awaiting Ministerial response.
<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	Sept 14, 2015 News Release: Sabina Gold & Silver Announces Positive Initial Project Feasibility Study on Back River Gold Project, Nunavut <ul style="list-style-type: none"> <li>• Compelling high-grade gold production at significantly reduced CAPEX provides Sabina with a viable development path</li> <li>• Post Tax IRR/NPV(5%) of 24.2% and C\$480.3 million</li> <li>• Assumes a gold price of US\$1,150/oz and C\$ exchange rate of 0.80</li> </ul>
<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. No activity reported in 2015.
<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="#">Chidliak</a>	Peregrine Diamonds Ltd.	Diamonds	Located 120 kilometres NE of Iqaluit, the capital of Nunavut, and 180 km S of Pangnirtung. 71 kimberlites have been discovered to date with 8 being potentially economic. In 2015, company announced a 8.57 million carat Inferred Resource for the CH-6 kimberlite and completion of the bulk sampling component of its ongoing Resource Development Program. Approximately 1,200 m of new core to be drilled at CH-6 and CH-7 in summer, 2015. PEA expected Q2, 2016.	News Release, Sept 9: Peregrine Provides Chidliak Update on its 100 percent-owned Chidliak diamond project. Peregrine successfully completed the 2015 field work program which was focused on continued development and expansion of the Chidliak diamond resource. Transportation of the 2015 CH-7 bulk sample from Iqaluit to Saskatoon is now complete. Dense Media Separation processing of the 558.5 wet tonne sample at the Saskatchewan Research Council will commence on September 14, 2015.
<a href="#">Angilak</a>	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit	May 6, 2015: Kivalliq Announces Fully Funded 2015 Exploration Programs at Angilak and Hatchet Lake
<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. Largest kimberlite in Nunavut.	News release June 9: North Arrow Reports Diamond Valuation Results From The Qilalugak Project. The parcel of 383.55 carats of diamonds greater than +1DTC (~1 mm) was valued at \$13,795 or \$36 per carat and a modelled range of possible values was also produced with a “possible low” model price of \$43 per carat and a “possible high” model price of \$92 per carat.
<a href="#">Coppermine</a>	Kaizen Discovery / Tundra Copper	Copper	Early stage, district-scale exploration play located 24 km SW of Kugluktuk; Total holdings approximately 3,500 km <sup>2</sup>	NIRB screening decision issued July 7, 2015; Proposal may proceed without a Part 5/6 NLCA review.



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## Project Maps

