

Northern Mining News

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From the Executive Director ...

This past month saw a slow down in news reports as winter set in and the exploration industry continued to be stuck in the doldrums.

Gahcho Kué continues to progress towards becoming the NWT's next diamond mine, with another IBA signed, this one with Ft. Resolution. This is the first diamond mine IBA for that community, an exciting development for the community.

Diamond markets continue to long hopeful with supply/demand moving the right way for increased prices. One can also hope that the low fuel prices and \$C/US exchange rate will help increase profitability in the coming year.

A recipe for mining success, you say? Intrigued? Have a read of the recipe that emerged from the first pan-northern (Alaska, Canada, Greenland) mining conference held in May. Put it in your cookbook for future use.

Happy reading. ... TWH

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

Gahcho Kué signs IBA with Deninu Kue First Nation

De Beers Canada Inc. (De Beers) and Mountain Province Diamonds have announced that an Impact Benefit Agreement (IBA) has been entered into with the Deninu Kué First Nation for the proposed Gahcho Kué diamond mine, a joint venture between De Beers (51%) and Mountain Province Diamonds (49%) located 280 km's northeast of Yellowknife, NWT. De Beers is the Operator of the Gahcho Kué Project. The signing took place on December 23, 2014 and is the final IBA for the Gahcho Kué Project.

The IBA puts in place a framework for De Beers and the Deninu Kué First Nation to work together over the life of the mine to develop economic, environmental and cultural programs with Deninu Kué First Nation members.

“De Beers is committed to sustainable development and through this Agreement the Deninu Kué First Nation members can access new employment, training and business opportunities while ensuring strong environmental and cultural programs,” said Glen Koropchuk, Chief Operating Officer for De Beers in Canada (above right). “We want to thank the negotiating teams on both sides for their hard work in concluding the IBA.”

“On behalf of Deninu Kué First Nation I am extremely pleased to be entering into an Impact Benefit Agreement with De Beers Canada Inc. and Mountain Province Diamonds. This is a historic moment for Deninu Kué First Nation to be acknowledged by the mining industry and a very important step towards a self-sustaining future,” said Chief Louis Balsillie.

Mountain Province CEO Patrick Evans added: “We welcome the signing of the IBA with the Deninu Kué First Nation. This agreement is the final IBA for the Gahcho Kué Project and collectively, these agreements provide a firm foundation for cooperation that will be mutually beneficial and promote the interests of all parties.”

Gahcho Kué will employ close to 700 people during the two years of construction and approximately 400 people during its operational phase.



Chief Louis Balsillie of the Deninu Kué First Nation in Fort Resolution, left, signs an IBA for the Gahcho Kué Project with De Beers Canada. To right is Glen Koropchuk, Chief Operating Officer for De Beers in Canada.

Meadowbank proposes small mine pit expansion

Earlier this year, Agnico Eagle submitted a “mini” Project Description to the Nunavut Impact Review Board, that describes a planned expansion of the Vault Pit, into Phaser Lake.

The Vault Pit is one of three open pits that are being mines. The expansion would see the small open pit extended to the southwest from the perimeter of the Vault Pit and into Phaser Lake.

AEM believes the Phaser Pit addition is an insignificant change to the project and is within the scope of the original project permitted by NIRB Project Certificate No.4.

Furthermore, it is within the Kivalliq Inuit Association Production Lease (KVPL08D280). AEM has applied for an authorization to Fisheries & Oceans and has an approved No Net Loss Plan (AEM, 2012) that has an offsetting plan to account for fisheries losses to Phaser Lake that will ultimately improve its connectivity to Vault and Wally Lake.

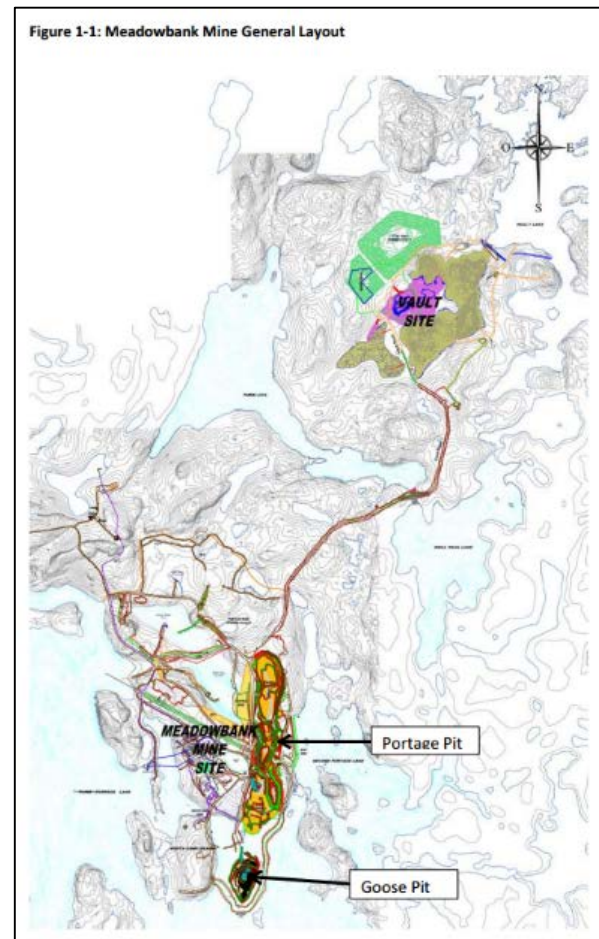
Furthermore, based on current mine plans, Phaser Lake no longer requires water diversion into Turn Lake, which was originally predicted to be a potential impact. The dewatering activity proposed in this document will follow current dewatering plans approved by the NIRB and NWB.

Therefore AEM is requesting NIRB to reconsider the Terms and Conditions of the Project Certificate related to Vault Pit Expansion into Phaser Lake under Section 12.8.2 of the NLCA.

The NIRB is considering the application.

It is not clear whether this will affect the mine’s current life, which is slated to end in 2018. Hope for a mine life extension is being held out with another development, Amaruq, a high grade gold deposit located a further 50 km NW of the mine site. AEM [reported](#) encouraging exploration results late last year.

Click [here](#) to read the mini Project Description for the Phaser Pit addition.



Global Diamond Report 2014: Diamonds: Timeless Gems in a Changing World

The fourth annual report on the global diamond industry prepared by the Antwerp World Diamond Centre (AWDC) and Bain & Company: *Diamonds: Timeless Gems in A Changing World*, focuses on key challenges facing the industry, initiatives under way to address them, and possible outcomes that would support the industry's continued growth.

Positive price future

For northern diamond miners, the report confirms that **the long-term projection is for demand growth to surpass supply growth**. The difference between the demand and the supply growth rates are expected to be positive from 2014 through 2018 and to widen starting in 2019. Demand is projected to continue its long-term growth trajectory, supply is projected to lag behind demand as existing mines will get depleted, and no major additions are projected to come online.

4 Key challenges for diamond miners

For diamond miners, the report identifies four major challenges:

1. Reserves replenishment

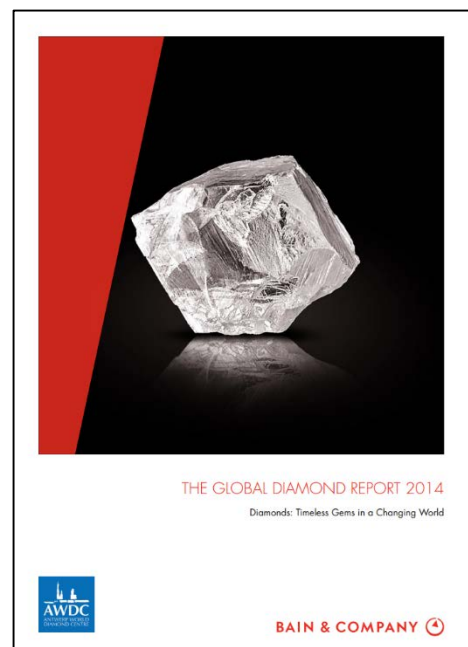
There are few known major underdeveloped diamond sites, and no major discoveries have been made over the past two decades. As a result, the cost of finding new, economically recoverable deposits is rising.

2. Environmental challenges

Increasing public awareness of environmental topics has had direct impacts on the mining business. Producers are under pressure to make effective use of energy and reduce emissions. They must also focus on waste management to increase recycling and control water consumption, a task complicated by the fact that most important production sites are located in water-scarce areas. And mining's impact on biodiversity and ecosystems in general is an issue.

3. Social awareness

Producers are paying increasing attention to local communities in areas of production, resulting in direct and indirect impacts on output. Beneficiation programs are meant to support economic development and boost employment in diamond-producing countries by setting up local cutting and polishing operations. Such businesses were set up in Africa in recent years, and there is a discussion of developing a Russian cutting and polishing industry under ALROSA's leadership. Indirect impacts are visible in producers' involvement in local communities outside their core mining activities. This involvement often takes the form of financing or developing social infrastructure in mining areas.



4. Increasing pressure on operating costs

Consistent with the mining industry as a whole, diamond producers are facing rising costs for inputs such as labor and energy, as well as projects whose increasing technical challenges translate to higher operating costs.

Confronting mounting challenges that are not unique to the diamond industry but rather representative of the entire mining sector, producers must make significant investments in new technology and operating efficiency to sustain the diamond mining industry in the medium and long term.

Click [here](#) or on the Report icon to download the report.

Recipe for Northern Mining Development Success

A recipe for success? You’ll want to read this.

The Northern Regions Mining Summit, hosted by the Institute of the North in May 2014 (and supported by your Chamber of Mines) addressed the social, cultural and economic impact and opportunity of mineral resource development for Northern peoples in Alaska, Canada and Greenland. It was an exceptional and unique forum for exploring the prudent development of the North’s rich mineral resources for the benefit of Northern peoples.

What emerged was a recipe, with full ingredients, for mining success. A tickler ...

Most recipes start by identifying what the “cooks” are trying to achieve. Cooks, plural, because there are many in this kitchen. We can identify these as major rightsholders who have equities relative to the project – governments (state or territorial, and national), industry, communities and indigenous peoples. In this case, the outcomes of the recipe for successful northern mineral development are fairly straightforward, with priorities contributed by the rightsholders and a balance struck between them. The recipe, described here in four parts, may require multiple batches depending on serving size required (the bigger the project, the more iterative this becomes).

This recipe, then, should result in 1) sufficient environmental protections such that the region’s food security is ensured; 2) revenue to the appropriate levels of government, thereby delivering on government’s commitments to provide improved education, infrastructure and social services; 3) opportunities and benefits to local communities through employment, business and skills capacity, 4) reasonable profit to the industry corresponding to companies’ needs for returns, portfolio development, future investment and employment.

Intrigued? Click [here](#) or [here](#) or click on the thumbnail for the RECIPE.

RECIPE INGREDIENTS FOR SUCCESS IN NORTHERN MINING DEVELOPMENT	
<small>Most recipes start by identifying what the “cooks” are trying to achieve. Cooks, plural, because there are many in this kitchen. We can identify these as major rightsholders who have equities relative to the project – governments (state or territorial, and national), industry, communities and indigenous peoples. In this case, the outcomes of the recipe for successful northern mineral development are fairly straightforward, with priorities contributed by the rightsholders and a balance struck between them. The recipe, described here in four parts, may require multiple batches depending on serving size required (the bigger the project, the more iterative this becomes).</small>	
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<small>Party Responsible: G = Government; I = Industry; C = Community</small>	
Preparation (Stakeholder Engagement)	
G/I	Consult with local community members and indigenous peoples early and often; holding public hearings and establishing local adaptive capacity concerning relative demands
G/I	Strengthen human capital through education and training – project proponents can partner on local capacity building focused on skills, knowledge and competency
G/I	Invite local and indigenous peoples to contribute traditional ecological knowledge throughout the life of the project (project design, ongoing operations, and remediation)
G/I	Provide a “table” (such as a food security council) for local community members and indigenous peoples to add input to project decision-making
G/I	Consider Impact Benefits/Participation Agreements or Socio-Economic Agreements/ Partnerships as tools for opening to and sharing benefits of a project with a community
I/C	Recruit local labor and engage local service companies; encourage local capital investments or contribution to improve economics of project and increase local benefits
G/I	Collaborate on community readiness, resilience and environmental assessments
C	Community leaders should develop a vision that is consensus-based and actionable
Tools and Equipment (Governance)	
G/C	Add coordinating function between levels of government, which can also facilitate partnerships
G/I	Increase quality of and access to mapping and geoscience, including modernized data dissemination as well as sharing of science and baseline data
G/C	Improve regulatory certainty while reducing permitting delays – strong government support means fairness, timeliness and predictability
G	Collaborate with northern neighbors for common mining and mine safety curriculum, as well as shared standards that allow easy flow of information, services and workforce
G	Manage risk through adaptive environmental policy and management strategies; and add or improve socio-economic assessment of projects

Northern Caribou numbers down virtually across Canada

News from around the north about caribou herd numbers does not look great:

George River herd: Over the past 20 years, the George River herd in northern Quebec and Labrador had fallen from more than 700,000-800,000 animals in the 1980s to fewer than 15,000 today, a 98 per cent decline.

Baffin Island herd: An aerial survey of the entire Baffin Island caribou range in 2014 showed there are approximately 5,000 caribou on Baffin Island, a 90-95 per cent decrease from a 1990s population estimate.

Bathurst Caribou herd: The Bathurst caribou herd was estimated at 350,000 animals in the mid 1990's. Surveys since 2003 indicate a rapid decline in the population to 35,000 animals in 2012, and today is estimated to be below 15,000.

Southampton Island caribou herd: Government studies show a drastic decline in the Southampton herd from 30,000 animals in 1997 to fewer than 8,000 in 2011.

Bluenose West herd: The Bluenose-West herd was estimated at about 112,000 animals in 1992. The most recent estimate of the herd is 22,000 animals.

Bluenose-East herd: This herd was estimated at 104,000 caribou in 2000. The herd has declined except for a brief increase between 2006 and 2010, followed by another decline to an estimated 68,000 animals today.

While caribou populations cycle, the reasons for so many in decline simultaneously aren't entirely clear or simple. While industrial development might be a factor, there are caribou declines in areas that have no development. Harvesting can be a factor with easier and quicker access today with high powered snow machines. Winter roads that allow easier access to caribou habitat can also contribute. Incentives for hunting – with sales over the internet – has also been flagged as a contributor. Predation by wolves, and wastage has also been identified. Climate change, with increased precipitation or changes to vegetation, can also contribute.

Different approaches are being taken to address the declines, and hunting reductions or outright hunting bans are the most common response since harvesting can have an increasing effect at lower herd size if hunter harvest levels don't change. The NWT Government is discussing mobile conservation zones, a new concept for the Bathurst caribou.



Photo credit: NWT Environment & Natural Resources

Economic Outlook for the Territories in 2015 is Encouraging

Following a slowdown in growth in 2014, due to lower commodity prices, the economic outlook for Canada's territories looks brighter for 2015, according to the Autumn 2014 edition of The Conference Board of Canada's Territorial Outlook.

Real gross domestic product (GDP) growth in the territories as a whole is expected to accelerate from 1.5 per cent in 2014 to 5.3 per cent next year. In 2016, economic growth is forecast to ease to 2.4 per cent.

“While the current financing environment is not conducive to rapid expansion of mining projects in the territories, prospects for the medium to long term are generally positive,” said Marie-Christine Bernard, Associate Director, Provincial and Territorial Forecast. “The business case for many of the mining projects in the North in the medium to long term remains good; demand for minerals will grow as the world economy continues to claw its way back from the 2008-09 financial crisis and recession.”

“While the current financing environment is not conducive to rapid expansion of mining projects in the territories, prospects for the medium to long term are generally positive.”

Highlights

- Economic growth in the territories is forecast to accelerate to 5.3 per cent in 2015 due to stronger investment in the mining sector.
- Public sector projects will also stimulate construction growth over the next few years in all three territories.
- The medium to long term economic outlook is positive for the territories as a number of important projects will spur job creation across many sectors.

Nunavut

Nunavut's economy in 2015 is expected to grow by 6.8 per cent – up from the 1.9 per cent forecast for 2014. Over the next few years, Nunavut will see a number of mining projects advance to the construction stage as some projects, like the Mary River project, move into production and others progress. Smaller areas of the economy, such as the fishing industry, are also expected to grow in 2015.

Northwest Territories

Construction work on several new mines and public investment, as well as growth in wholesale and retail trade and financial services, should drive growth in real GDP growth from 1.4 per cent in 2014 to 3.6 per cent in 2015. Stronger diamond production will help the Northwest Territories' economy, but prospects for more work on the Canol shale oil play have dimmed due to an exploration hiatus this winter.

Yukon

The beginning of construction at the Victoria Gold's Eagle mine is expected to push real GDP growth in Yukon to 6.6 per cent in 2015, surpassing this year's forecast of 1.4 per cent. Mineral

production, spurred by higher production at the Minto and Wolverine mines, is expected to grow modestly over 2015-16.

The Territorial Outlook, published twice yearly, examines the economic and fiscal outlook for each of the territories, including output by industry, labour market conditions, and the demographic make-up. This forecast is funded through the Conference Board's Centre for the North. The Centre's main purpose is to work with Aboriginal leaders, businesses, governments, communities, educational institutions, and other organizations to provide insights into how sustainable prosperity can be achieved in the North.

NWT Energy Report Released

The NWT Government has released the 2014 Energy Charrette Report, which summarizes discussions that took place among over 100 representatives from NWT communities, Aboriginal governments, industry, energy experts and other government officials on November 3-4, 2014 in Yellowknife.

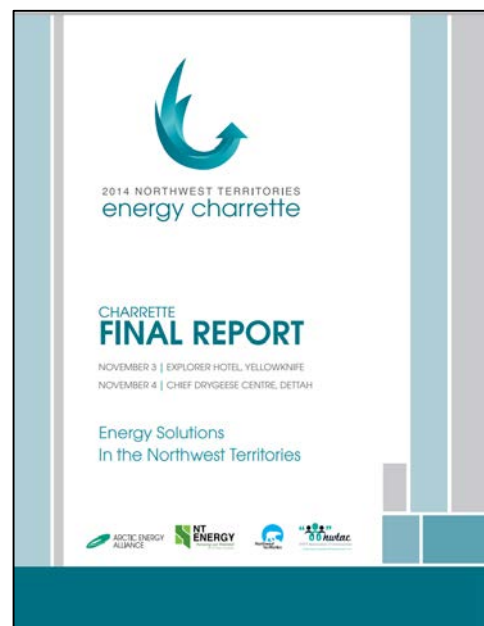
Prepared by charrette facilitators R. Marshall and Associates, the report states that participants identified affordability as the number one objective, reflecting residents' concerns with the high cost of living. Other suggestions brought forward during the 2014 charrette include:

- Be more aggressive on energy efficiency and conservation;
- Find ways to use excess energy in the Taltson hydro grid;
- Continue to build on biomass energy efforts;
- Continue to consider community-scale and regional energy supply projects; and
- Consider a "portfolio" approach that recognizes the different challenges and opportunities available to communities.

Premier Bob McLeod, who is also Chair of the Ministerial Energy Coordinating Committee, called for the 2014 Energy Charrette on behalf of the Government of the Northwest Territories (GNWT). "We need to recalibrate our plans. We need to consider the approach we take to energy to ensure it is affordable in the short term and sustainable for communities in the long term."

"This report reflects what myself and seven other facilitators heard during the discussions at the Energy Charrette," said Rob Marshall of R. Marshall and Associates. "It will now be for the GNWT to consider the ideas developed at the Energy Charrette and to determine actions that could be taken."

The GNWT will be asking the public for comments on the report until February 2, 2015 to allow for input from residents who did not have an opportunity to attend the charrette. **Input on the 2014 Energy Charrette Report can be provided to the GNWT by sending comments to nwtenergy@gov.nt.ca.**



Based on public input and the suggestions in the charrette report, the GNWT will develop a response outlining potential directions and next steps for energy in the NWT. The GNWT response is expected to be released by early March 2015.

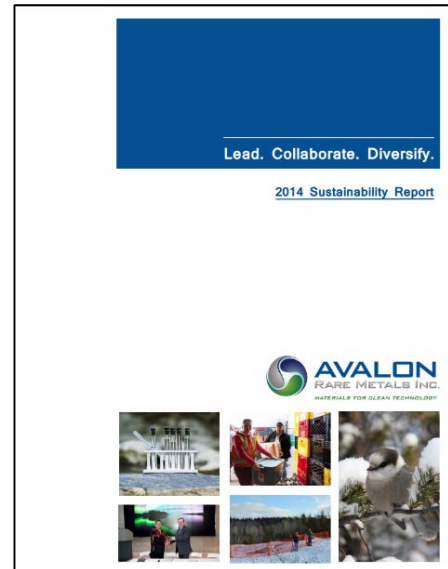
Click [here](#) or on the report thumbnail to access the 2014 NWT Energy Charrette Report.

Avalon Sustainability Report Released

Avalon Rare Metals Inc. has released its third annual comprehensive Sustainability Report entitled *Lead. Collaborate. Diversify.*

The 2014 Sustainability Report has been prepared within the framework of the Global Reporting Initiative Version 4, core level. It reports on Avalon's annual health and safety, environmental, social and governance performance. The 2014 Sustainability Report incorporates a self-assessment of the Company's 2014 fiscal year sustainability performance and sets targets for 2015 against the Mining Association of Canada's 'Toward Sustainable Mining' indicators. It also tracks both short and long term sustainability goals set by Avalon management.

Download the report [here](#), or by clicking on the thumbnail.



GEM – Geoscience Investments, Part Two

The Geological Survey of Canada (GSC) is delivering the second phase of the Geo-mapping for Energy and Minerals (GEM) Program over the period from 2013 to 2020 in collaboration with Northerners, Provincial and Territorial governments, academia and other partners. Throughout the first five years of GEM (2008 to 2013), the Advisory Group of Northerners (AGN), including the Chamber, provided advice from a Northern perspective on the delivery of GEM.

The development of energy and mineral resources continues to be a primary source of economic growth opportunities in northern Canada. In August 2013, Prime Minister Harper announced \$100 M in funding over a seven year period for the GEM-2 program.

In order to build on this experience and strengthen the working relationship between GEM staff, Northerners and other partners, Brian Gray, Assistant Deputy Minister of the Earth Sciences Sector of Natural Resources Canada has again formed the AGN to provide advice on the delivery of GEM-2. The AGN is a committee representing a broad cross section of Northern perspectives mandated to offer advice in support of maximising the benefits to Northerners from GEM activities and knowledge. The AGN will provide advice and recommendations regarding the GEM program's strategies for achieving its mandate, a means to improve program impact, and highlight areas that would benefit from enhanced Northern collaboration.

The Chamber looks forward to continuing its participation on this Advisory Group in order to maximize the benefits of the GEM-2 program for Northerners and institutions.

Six Nunavut Students Invest in Welding Training

Northern College in Kirkland Lake, ON and the Hamlet of Arviat, Nunavut, are celebrating the successful completion of the second delivery of the Arviat Welding Trade Readiness program. The program was delivered through a partnership between the college and the hamlet, with support from the Kivalliq Mine Training Society, Agnico-Eagle Mines, Ltd., and the Government of Nunavut.

Six students completed the latest delivery of the program, which is designed to prepare students for work in Nunavut's construction and mining industries. They will join seven graduates from the first delivery of the program who have already entered the workforce.

The students were guided on-site by Northern College instructor Dennis Fordyce. As part of their training, the students created approximately 20 bear-resistant garbage bins to be used in their community.

“The Arviat Welding Trade Readiness program is a shining example of how colleges and remote communities can work together to provide new opportunities for local people,” says Fred Gibbons, President of Northern College. “These graduates are now well-equipped to take advantage of significant job opportunities in local industry, which will benefit not only the graduates, but their community and employers as well.”



Pictured (Left to right): Back Row: Adam Pingushat, Curtis Suluk, Ivan Mamgark, Matthew Curley. Front Row: Cody Alareak, Instructor Dennis Fordyce, Alex Gibbons

The Arviat Welding Trade Readiness program was developed in direct response to the demand for welding helpers for a variety of projects in Nunavut, including Agnico-Eagle's currently-operating Meadowbank Gold Mine and Meliadine advanced-stage gold project. The Hamlet of Arviat hopes that graduates of this program will have long and successful careers in the resource and construction industries, and will continue to develop their skills through further training and experience.

Northern College has worked with the Arviat Training Initiative Advisory Group, and has helped to develop training activities in line with the needs of Nunavut's growing mining industry. The college has also assisted the Hamlet in establishing the welding lab where the Welding Trade Readiness program took place.

Scotiabank – Commodity Price Index – Year-End Review and Outlook for 2015

- Top ‘Picks’ for investors in 2015 — Zinc, Nickel and OSB.
- WTI oil prices at US\$56 are ‘over-sold’ — soon to trigger a sharp correction in U.S. drilling activity, bringing supply back into line with demand. Oil prices will snap back by mid-2015.
- M&A activity will heat up in the oil sector, while ‘non-core asset divestiture’ will increase in mining.

Scotiabank’s Commodity Price Index dropped -4.8% m/m in November (-6.1% yr/yr) and will end 2014 in a ‘deflationary’ mode. Significant capacity expansion and the defence of market share by major oil and iron ore producers — against a backdrop of lacklustre world economic growth — account for the softness at the end of the year.

The Metal & Mineral Index edged down by -1.5% m/m in November, posting the worst year-over-year decline of any sub-component (-10.4%). The 2014 decline was centred in ferrous metals (iron ore & coking coal). Despite slower growth in China’s steel production (+2.1% in 2014 YTD), the world’s three-largest iron ore producers in Western Australia and Brazil — who are on the bottom of the world cost curve and earn the bulk of their revenue from iron ore — decided to expand mine capability and market share, deliberately driving out higher-cost producers as prices fell (e.g. in the Labrador Trough and Western Africa). The net result, spot prices for 62% Fe, Fines delivered to northern China have plunged to only US\$68.80 per tonne in mid-December from US\$136 a year ago. Contract prices for Western Canada’s premium-grade hard coking coal bound for Japan & Asia also dropped to US\$119 per tonne in 2014:Q4 and will likely be US\$117 in 2015:Q1 compared with US\$152 in 2013:Q4.

Base metals were a ‘bright’ spot in 2014 — largely ignored by equity markets — and are among our ‘picks’ for investors in 2015. LME nickel and zinc ranked No. 3 and 5 within the ‘Top Five’ best-performing commodities of 2014 — among the 32 commodities covered in the Scotiabank Commodity Price Index — with price gains of 19.8% and 11.6% respectively in the year through December 15, 2014.

Aluminium rallied in 2014, up 6.7% yr/yr, with strong global demand (e.g. for light weighting in cars) catching up to smelter capability. Cobalt — a by-product of nickel production in the Sudbury Basin — performed well (+17.6% yr/yr). However, a focus by investors on copper, widely expected to edge down in 2015 alongside ongoing mine expansion, seems to have taken the shine away from these metals in equity markets.

Spot uranium prices bottomed in June 2014, given Japanese approval of two nuclear reactor restarts, posting a 7.2% yr/yr gain to earn it a 5th place ranking. After a recent election win, Japan’s Prime Minister is expected to push for additional reactor restarts to boost a sagging Japanese economy. Spot prices climbed as high as US\$44 in mid-November, before utilities backed away, with price resistance at the US\$40 mark.

However, the base term-contract price has increased from US\$45 to US\$49, a positive sign for a gradual recovery in coming years. Cameco's Cigar Lake mine in Saskatchewan continues to ramp up towards 18 million pounds by 2018.

Download the monthly report [here](#).

Member News Releases this past month

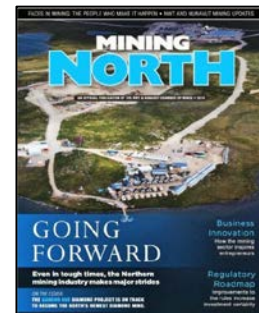
Click on the news release headlines which are live links for news releases issued by our member companies this past month.

- 31 December 2014, [North American Tungsten Extends Loan Agreement with Callidus Capital Corporation](#)
- 30 December 2014, [Peregrine Completes \\$2.19 Million Private Placement](#)
- 24 December 2014, [Gahcho Kué Joint Venture and Deninu Kué First Nation Sign Impact Benefit Agreement](#)
- 24 December 2014, [Kennady Diamonds Announces Kelvin Mini-Bulk Sample Grade of 2.59 carats per tonne](#)
- 22 December 2014, [TerraX Awards Drill Contract; drilling to commence in January at the Core Gold Area, Yellowknife City Gold Project](#)
- 22 December 2014, [Peregrine Announces \\$2.19 Million Private Placement](#)
- 22 December 2014, [Fortune Minerals receives additional financing from Lascaux to fund Revenue Silver Mine working capital](#)
- 20 December 2014, [Mountain Province Diamonds to Begin Trading on NASDAQ Stock Market](#)
- 19 December 2014, [Avalon Closes Non-Brokered Private Placement for Gross Proceeds of \\$2.425 Million](#)
- 17 December 2014, [Tyhee Announces Proposed Revised Non-Brokered Unit Private Placement](#)
- 16 December 2014, [Kennady Diamonds intersects kimberlite at Kelvin](#)
- 16 December 2014, [Stornoway announces second quarter 2015 results](#)
- 16 December 2014, [Olivut Resources Ltd. Exploration and Funding Update](#)
- 15 December 2014, [Gahcho Kue joint venture and NWT Metis Nation sign impact benefit agreement](#)
- 12 December 2014, [Aston Bay Holdings announces non-brokered private placement](#)
- 12 December 2014, [Dominion Diamond Corporation reports Fiscal 2015 Third Quarter Results](#)
- 9 December 2014, [Peregrine commences Chidliak site preparations for 2015 diamond resource development program](#)
- 4 December 2014, [De Beers - Fostering careers through on the job training](#)

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.



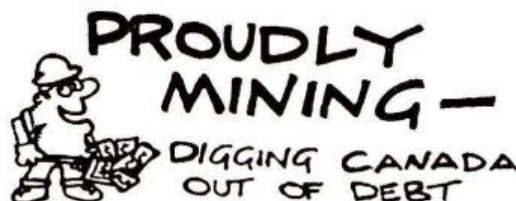
Welcome New Members!


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

- **Inukshuk Publishing** is a northern company that produces *Aboriginal Business Quarterly* the first business magazine of its kind in Canada, and the only business magazine in the North. Their magazine contract division also produces the *Mining North* magazine for the NWT & Nunavut Chamber of Mines. Contact Kathy Gray at: kathy@inuks.ca

Calendar of Events

- **AMEBC Mineral Exploration Roundup 2015**, January 26-29, 2015, Vancouver, BC. No in its 32nd 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](#).
- **18th Annual Nunavut Mining Symposium**, Iqaluit April 13-16, 2015. Information is available at: www.nunavutminingsymposium.ca. Check out our recap video of the 2014 symposium!





**NWT & NUNAVUT
CHAMBER OF MINES**

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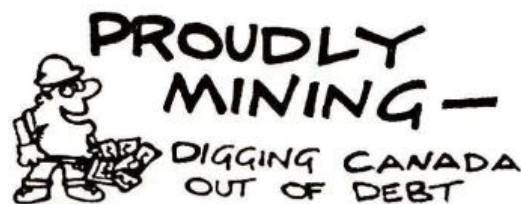
Mines & Promising Northwest Territories Mine Projects

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

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	Dominion Diamond Corporation , 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.	December 11 Q3 news release, Dominion Diamonds reports that the Ekati Diamond Mine and the Diavik Diamond Mine continued to perform well in the third fiscal quarter of 2015 (August through October). Rough diamond production and sales have all exceeded plan.
Ekati Jay Project	Dominion Diamond Corporation ,	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 yrs.	On November 6, 2014, the Company filed the Developers Assessment Report ("DAR") for the Jay Project and DDC anticipates a 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 Project, which features the open pit development of the largest diamondiferous resource in North America, has the potential to extend the operating life of the Ekati Diamond Mine by a further 10 years beyond the currently scheduled closure in 2019. Through the nine months ended October 31, 2014, the Company has expensed \$22.9 million on the Project.
Diavik Mine	Rio Tinto & Dominion Diamonds	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.	December 11 Q3 news release, Dominion Diamonds reports that the Ekati Diamond Mine and the Diavik Diamond Mine continued to perform well in the third fiscal quarter of 2015 (August through October). Rough diamond production and sales have all exceeded plan.
Snap Lake Mine	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.
Cantung Mine	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.
Gahcho Kué	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NWT. Estimated mine	Dec 24 news release: De Beers signed its final IBA for the Gahcho Kué Project on December 23, 2014 with the Deninu Kue First Nation.

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			jobs: 400. Mine life increased from 11-12 years in 2014 Feasibility Study. First production on schedule for Q3 2016. Peak construction workforce 700.	
Nechalacho	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.	Dec 1 News Release: Avalon Releases Third Sustainability Report And Announces Annual Filings For Its Fiscal Year Ended August 31, 2014 Dec 19 News Release: Avalon Closes Non-Brokered Private Placement For Gross Proceeds Of \$2.425 Million
NICO	Fortune Minerals Ltd.	Cobalt-gold-bismuth-copper	Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150	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.
Prairie Creek	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
Yellowknife Gold	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	Company seeking financing. Dec 17 news release: Tyhee Announces Proposed Revised Non-Brokered Unit Private Placement.
Pine Point	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.
Courageous Lake	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.
Selwyn	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 Selwyn Resources .



Mines & Promising Nunavut Mine Projects

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

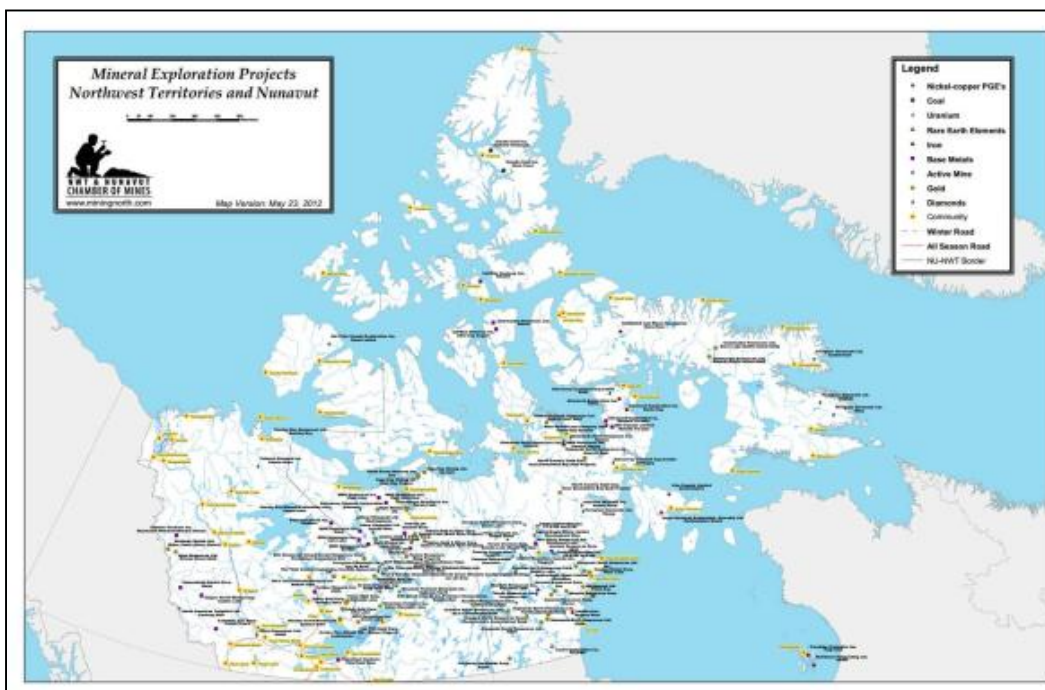
Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 736	Feb 12 AEM reports Q3 2014 results: In the first 9 months of 2014, produced 336,162 oz. at a total cash cost of \$561 per oz. Production in 2015 is expected to significantly exceed 375,000 oz. Expansion of Vault Pit into Phaser Lake is currently undergoing environmental review.
Mary River Iron Mine	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 marine shipment of ore to markets anticipated May 2015.
Doris North/ Hope Bay	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.
Meliadine Gold	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.
Kiggavik	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.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of the George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600 Estimated mine jobs: 900	Technical Meeting/Pre-Hearing Conference November 13 – 19, 2014 in Cambridge Bay. Expect to file Final EIS in early 2015.
Hackett River	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.
Izok Corridor Project (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.
Roche Bay	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.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. 68 kimberlites have been discovered to date with 8 being potentially economic.	News release Dec 30 on private placement for \$2m. 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.

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Angilak	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.
Qilalugak	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.
Lupin & ULU	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

