

Northern Mining News

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From the Editor ...

What a busy month, with the release of the NWT Mineral Development Strategy, the release of new and very surprising exploration statistics by NRCan, and the very exciting results from Chidliak, Nunavut's premier diamond project. Projects continue to advance in both Nunavut and the NWT. This time of year also marks another successful Geoscience Forum and with it, the Chamber's election of a new Board.

Happy reading. ... Ed.

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

NWT Releases First Ever Dedicated *NWT Mineral Development Strategy*

On November 20, NWT Minister of Industry, Tourism and Investment David Ramsay officially launched the first ever dedicated *Northwest Territories Mineral Development Strategy* at an event during the 41st Yellowknife Geoscience Forum. “Restoring a positive investment climate is important if we are to discover new deposits and establish new mines to sustain and grow our economy” Minister Ramsay said. “The *NWT Mineral Development Strategy* will ensure our mineral resources continue to be developed in a way that benefits NWT residents, ensures development is sustainable, and upholds our commitment to protect the environment.”

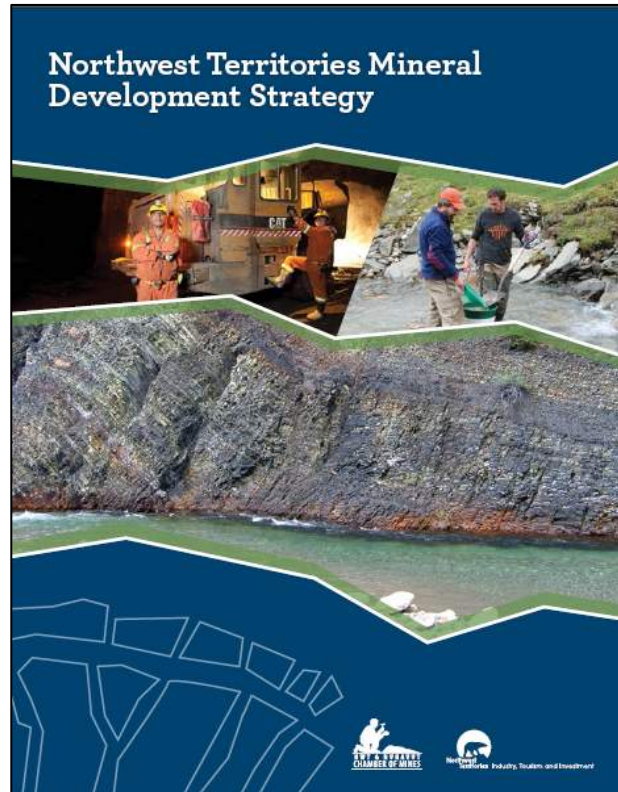
“This Strategy is an important step forward for exploration and mining in the NWT and for the many NWT residents who have enjoyed the benefits of a healthy economy underpinned by mining,” said Brooke Clements, newly elected President of the NWT & Nunavut Chamber of Mines. “The NWT government is establishing a strong foundation that will position it well to create a strong and vibrant mineral exploration and development sector in the NWT for many years to come.”

The *NWT Mineral Development Strategy* focuses on five key areas that will help attract investment, ensure the environment is protected, and strengthen the socio-economic opportunities for the NWT and its residents:

- Creating a Competitive Edge
- Establishing a New Regulatory Environment for the NWT
- Enhancing Aboriginal Engagement and Capacity
- Promoting Sustainability
- Enriching Workforce Development and Public Awareness

Developed in partnership with the NWT & Nunavut Chamber of Mines, the *NWT Mineral Development Strategy* looks to the participation of not only the NWT minerals industry but also Aboriginal groups and local governments and communities in revitalizing the industry and encouraging new investment. An implementation plan is under development that will outline detailed actions the Government of the NWT will undertake to ensure the goals of the *NWT Mineral Development Strategy* are realized. The plan will be released in early 2014.

For a copy of the strategy, click [here](#).

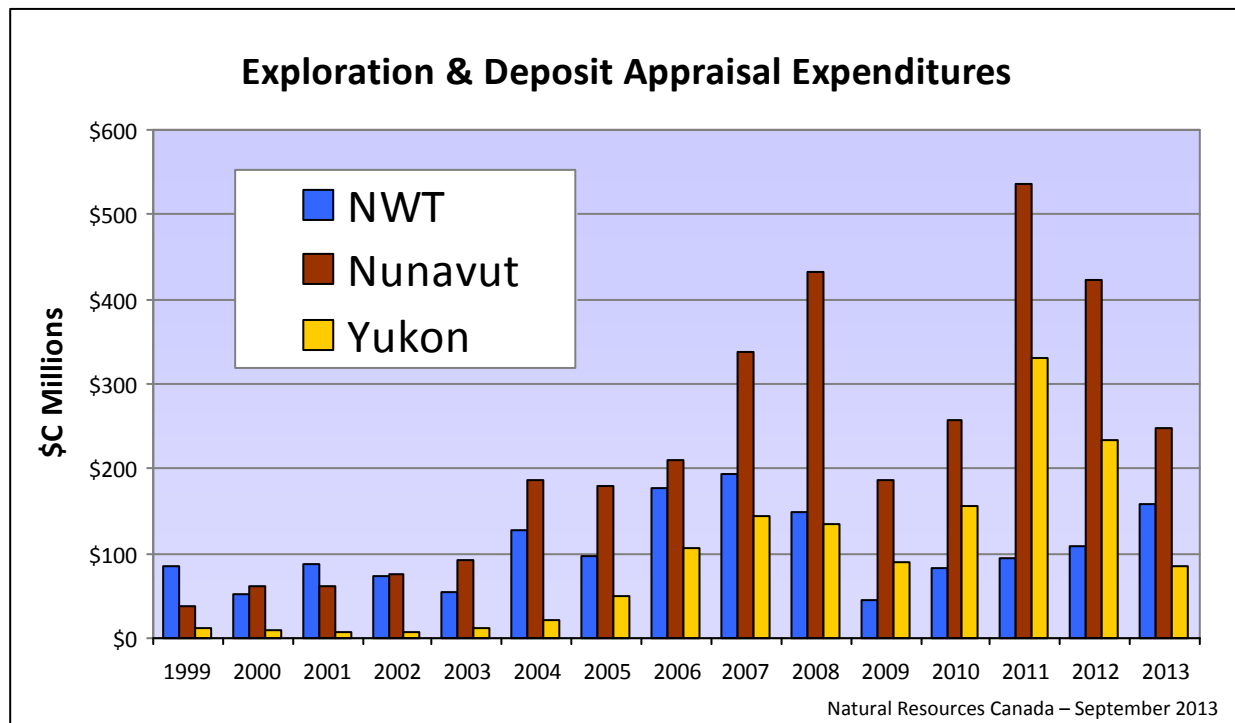


Exploration spending to increase in NWT, decrease in Nunavut

Natural Resources Canada (NRCan) has updated its annual mineral exploration statistics as of September 2013. The expenditures include “on-mine-site and off-mine-site activities; field work, overhead costs, engineering, economic and pre- or production feasibility studies, environment, and land access costs.” Click [here](#) to view.

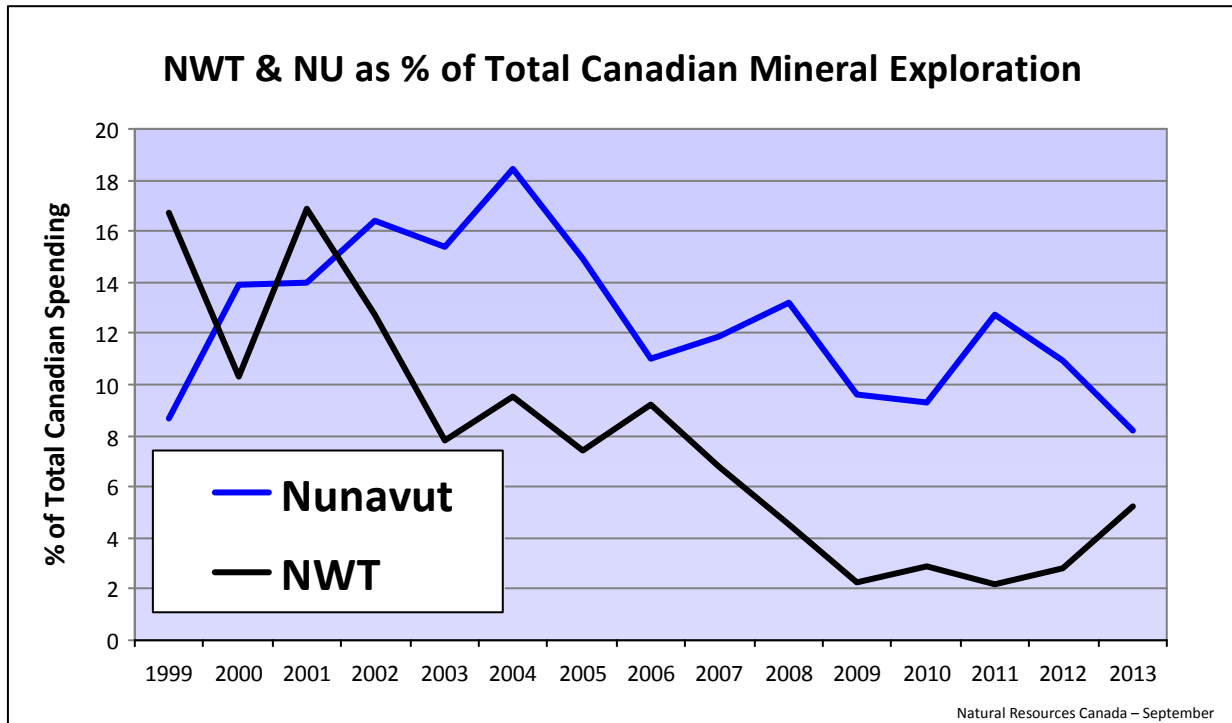
Revised spending intentions for 2013 show a marked increase for the Northwest Territories from \$81.0 million projected in March this year to \$158.6 million. While no explanation is provided, the NWT increase is likely the result of environmental assessment and/or regulatory approvals for the Prairie Creek, NICO, Avalon and Gahcho Kue projects supporting investor investment. In addition, the NWT Government’s work to release its first ever *NWT Mineral Development Strategy* is likely adding confidence to the territory’s investment climate.

In Nunavut, NRCan data now projects that spending will be down to \$248.9 million from March projections of \$312.7 million. While projects are also advancing through approvals processes in Nunavut, the drop in the gold price earlier this year has already had an effect with decreased spending announced on the Meliadine project and no work planned on the Lupin and ULU gold projects.



Percent of Total Canadian spending has shifted

NRCan also reports exploration as a share of total Canadian exploration spending. Spending projections (see following chart) for the NWT demonstrate a marked increase in total share, the first significant increase since 2005. Nunavut shows a drop.



NWT Devolution and Regulatory improvement advances

On December 3, the Federal Minister of Aboriginal Affairs & Northern Development tabled in the Federal House of Commons Bill C-15, known in short form as the *Northwest Territories Devolution Act*. Within two days, it had advanced to second reading and is now at Standing Committee for review and comments.

The Bill is actually much more comprehensive than simple devolution as reflected in its full title: *An Act to replace the Northwest Territories Act to implement certain provisions of the Northwest Territories Lands and Resources Devolution Agreement and to repeal or make amendments to the Territorial Lands Act, the Northwest Territories Waters Act, the Mackenzie Valley Resource Management Act, other Acts and certain orders and regulations.*

Many of the Bill's regulatory changes relate to the transfer of responsibility for non-renewable resources from the Federal Government to the NWT Government. Industry has been assured that this transition will be smooth.

Of even more interest to the non-renewable industry are changes to the Mackenzie Valley Resource Management Act which is the key instrument for projects undergoing environmental assessments and permitting processes in the NWT. These changes are driven not by devolution, but by the *Northern Regulatory Improvement Initiative* announced in 2007, changes which are intended to help the North to realize its true potential by announcing a new initiative that will improve the overall northern regulatory environment. The Federal Minister at the time, Chuck Strahl, stated: "It is essential that we maximize the potential benefits of resource-development projects, while protecting the environment, and to do that we must have predictable, effective and efficient regulatory systems across the North." Click [here](#) to download Bill C-15.

Avalon project advances to permitting and licensing

On November 4, the Report of Environmental Assessment ("EA") for the Nechalacho Rare Earth Elements Project was approved by the Federal Minister of Aboriginal Affairs and Northern Development, the Honourable Bernard Valcourt, on behalf of the Responsible Ministers (Environment Canada, Transport Canada and the Government of the Northwest Territories).

The Responsible Ministers have agreed to adopt the recommendation of the Mackenzie Valley Environmental Impact Review Board that the proposal be approved subject to the implementation of measures and commitments contained in the Report of EA, as described in the Company's news release dated July 29, 2013. Ministerial approval allows the Company to proceed with formal applications for the required land use permits and water licenses to the Mackenzie Valley Land and Water Board.

Don Bubar, President and CEO of Avalon Rare Metals Inc. commented, "The Ministers' approval of the Report of EA is a significant milestone in the advancement of the Nechalacho Project. Approval of the development proposal removes a significant uncertainty in the minds of investors regarding the timelines for project development."



Mark Wiseman, Vice President of Sustainability added, "We are committed to implementing the measures recommended in the Report of EA to minimize environmental impacts. We also remain committed to completing agreements with our Aboriginal partners and the Government of the Northwest Territories to maximize the benefits for local communities."

Gahcho Kue continues to advance – pioneering permit approved

In early December, De Beers Canada Inc. and Mountain Province Diamonds announced that the Mackenzie Valley Land and Water Board had approved a pioneer Land Use Permit for the Gahcho Kué diamond mine. The pioneer Land Use Permit allows land-based site works to commence in preparation for deliveries planned for the 2014 winter road season.

Tony Guthrie, CEO of De Beers Canada, commented: "De Beers, as the Operator of the Gahcho Kué Project, extends its appreciation to the Mackenzie Valley Land and Water Board for the efficient processing of the pioneer Land Use Permit application. Approval of the permit allows Gahcho Kué to position itself for the start of full construction pending the receipt of the full Land Use Permit and Water License expected in 2014. The construction and operational phases

of Gahcho Kué will benefit the Canadian economy and local communities, creating new business and employment opportunities for residents of the Northwest Territories and continuing to build Canada’s position as a premier diamond producer.”

The scope of the planned pioneer site works conforms to the water use and waste disposal terms of the existing Type B Water License for the Gahcho Kué Project.

Patrick Evans, Mountain Province President and CEO, added: “This represents an important milestone for the Gahcho Kué Project. The shareholders of Mountain Province look forward to an efficient and timely completion of the remaining regulatory process in 2014, which is necessary to ensure the optimal development of the Gahcho Kué diamond mine.”

Gahcho Kué will employ close to 700 people during the two years of construction and close to 400 people during its operational phase. The Gahcho Kué project life of mine is approximately 11 years in duration and will mine about 31 million tonnes of ore containing an estimated 49 million carats¹.

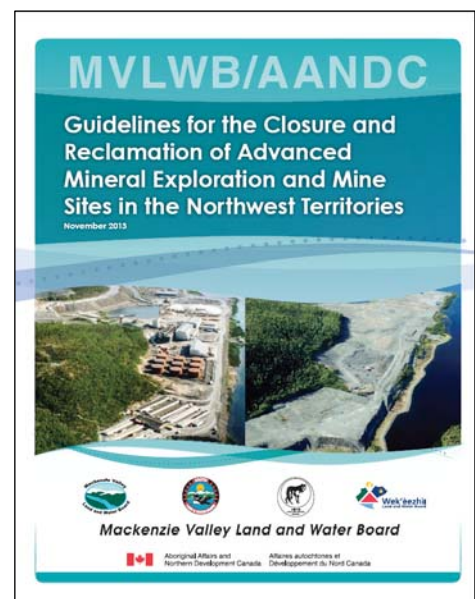
NEW! NWT Guidelines for Closure & Reclamation of Exploration and Mine Sites

On November 21, the Mackenzie Valley Land and Water Board (MVLWB), through its Standard Procedures and Consistency Working Group Initiative, and Aboriginal Affairs and Northern Development Canada (AANDC) announced the release of the [*Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the NWT*](#) (the Guidelines).

The Guidelines set out clear expectations for what is to be included in closure and reclamation plans, providing a step-by-step process for developing the plan and specific direction on the level of detail required. This document was shared with key parties for input prior to being finalized, including the territorial government, other federal departments, industry and Aboriginal groups.

“Closure and reclamation planning is critical to ensure sustainable development practices occur from the beginning to end of any project. These guidelines are intended to be a tool for industry and other parties, and will contribute towards a more effective regulatory review system in the Northwest Territories. They will improve the consistency of closure and reclamation plans, therefore supporting environmental protection and resulting in more efficient approval processes by making all parties aware of what is expected and/or required,” states the Honourable Bernard Valcourt, Minister of Aboriginal Affairs and Northern Development.

Chair and CEO of the MVLWB, Willard Hagen, stated “The release of these guidelines will help all interested parties achieve greater certainty, clarity and consistency with respect to the closure and reclamation of mine sites in the Mackenzie Valley.”



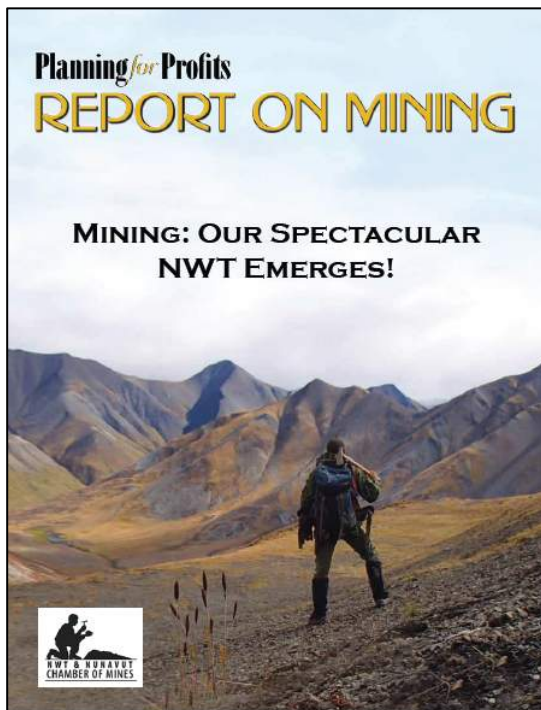
These Guidelines add to the *2002 Mine Site Reclamation Policy for the Northwest Territories* and supersede the *Mine Site Reclamation Guidelines for the Northwest Territories* released by AANDC in 2007.

For additional background or to access the *Guidelines for the Closure and Reclamation of Advanced Mineral Exploration and Mine Sites in the NWT*, please refer to www.mvlwb.com/resources/policy-and-guidelines.

Two new Chamber publications released

The Chamber of Mines has released two new publications. The first is our annual glossy, *Mining North*, which we release at the Geoscience Forum. The second is a special publication to help market the Northwest Territories, titled: *Mining: Our Spectacular NWT Emerges*.

Click for [Report on Mining](#) and [Mining North](#), or on the thumbnails below to download them.



Two court decisions side with industry

Federal Court rules against Yellowknives Dene in Debogorski exploration program

In 2012, the Yellowknives Dene First Nation sought to set aside a decision of the Mackenzie Valley Environmental Impact Review Board which had concluded, pursuant to paragraph 128(1)(a) of the Mackenzie Valley Resource Management Act, that the proposed Debogorski Diamond Exploration Project “is not likely to have any significant adverse impact on the environment or to be a cause of significant public concern.” As a result, the Review Board concluded that an environmental impact review of the Debogorski Project was not necessary and that it should proceed to the regulatory phase for permitting and licensing.

The Yellowknives Dene submitted that this was an unreasonable decision, or alternatively was made contrary to the Act because the Review Board failed “to ensure that the concerns of aboriginal people and the general public are taken into account in that process” as is required by paragraph 114(c) of Act.

After careful review of the more than 20 volumes of the record, and consideration of the written and oral submissions of the parties and the jurisprudence, the judge was unable to agree with the position of the Yellowknives Dene. He was unable to accept the submission of the Yellowknives Dene that the decision was unreasonable.

Further, he found that the consultation process provided under the Act adequately met the Crown’s duty to consult and accommodate in this case. The concerns of the Yellowknives Dene were taken into account by the Review Board, which made a decision on a very small scale project within a sensitive area.

The judge dismissed the application and awarded costs to the Minister of Aboriginal Affairs and Northern Development against the Yellowknives Dene First Nation in the amount of \$18,920.

Sandy Point court case settled in favour of mining

On October 31, 2013 the Federal Court dismissed the application of the 2010 Sandy Pond Alliance (NGO coalition) application challenging the validity of sections 5, 27.1 and Schedule 2 of the MMER and that they are 'ultra vires' the authority of the Governor-in-Council. This decision has huge implications for industry's operational compliance with the MMER as an enabling regulation. MAC, MABC and Vale were all interveners in the case and provided extensive evidence in support of the process by which the MMER and Schedule 2 were established. The decision is in strong support of the statutory authority and regulation-making powers under S. 36(5) of the Fisheries Act. The decision is also available on the MAC website at: [http://www.mining.ca/www/media lib/Recent Activities/Sandy Pond Decision Oct2013.pdf](http://www.mining.ca/www/media_lib/Recent_Activities/Sandy_Pond_Decision_Oct2013.pdf)

Engineering evaluation pushes Izok Corridor Project back by a year

On November 13, MMG notified the Nunavut Impact Review Board (NIRB) that the company will not be providing a revised project description in December 2013 of the Izok Corridor development project, as the company had previously anticipated. MMG will provide a further update in the fourth quarter of 2014.

MMG has been evaluating alternative engineering opportunities aimed at improving project economics, primarily related to the substantial infrastructure required. Options being assessed include maximising the modularisation of the process plant and infrastructure to reduce capital costs, and modifying the mine schedule and production plan to optimise cash flow, operating expenses and shipping costs.

In addition to this evaluation process, MMG will remain engaged in exploration, engineering, environmental and socio-economic studies and continue to keep communities up-to-date. Currently, MMG is in the process of planning its 2014 exploration program.

The Izok Corridor project encompasses zinc-copper deposits located near Izok Lake and High Lake in Nunavut,. Izok Corridor is expected to provide a number of economic benefits to

Nunavut including the creation of employment, business opportunities, skills development and the payment of taxes and royalties.

Fortune's NICO Project advancing towards construction activities

In mid-November, Fortune Minerals announced it had selected Hatch Ltd. to conduct detailed engineering and design for the construction of the NICO gold-gold-cobalt-bismuth-copper mine and concentrator in the NWT.

Hatch is providing detailed design engineering services for the NICO project including, the overall coordination of engineering for the open pit mine, underground mine, ore handling and storage, processing plant and facilities, concentrate production, storage and loading, tailing storage, site support structures, water and power supply, camp facilities and all civil road and drainage designs needed to commence construction.

Mr. Mike Romaniuk, Vice President of Operations and COO of Fortune commented, "Our effort with Procon to complete project financing arrangements is progressing and the selection of Hatch demonstrates the continued momentum the Company has towards developing the NICO Project."

The selected Hatch team is well known for the design and construction of mineral beneficiation process plants and supporting infrastructure, particularly projects in remote and cold climate regions and Arctic regions of Canada. Experience from recent projects will be applied to the NICO Project. The alliance with Hatch is also consistent with Fortune's commitment to progressive Aboriginal relations. Hatch has a history of working with and for Aboriginal communities, providing support for inclusion and capacity building through engagement, employment and on-the-job training of Aboriginal individuals and participation of Aboriginal businesses.

Fortune continues to work with Deloitte Corporate Finance Inc. to complete project financing agreements for the NICO Project. The Company recently announced a strategic investment by Procon Resources Inc. to provide financing to advance NICO and discussions are ongoing with several parties interested in participating in the development.

Final step in refinery environmental assessment process

Fortune has filed the final Environmental Impact Study ("EIS") for its Saskatchewan Metals Processing Plant ("SMPP") with the Saskatchewan Environmental Assessment Branch ("SEAB"). The EIS and associated documentation has been posted for public comment over a 60 day period that started on October 5, 2013. The public comment period will be followed by the SEAB's recommendation to the Saskatchewan Minister of Environment. Fortune believes it has addressed all of the questions brought forward by the SEAB during the review of the EIS.

The Company recently announced that it had received approval for the NICO mine and mill in the NWT from the federal and Tlicho governments, allowing the Company to complete the water licensing and land use permits process and to secure the primary permits required for the mine development (see Fortune News Release dated July 19, 2013). Updated permit applications for the mine were submitted to the Wek'èzhii Land and Water Board on October

11 along with several management plans that will aid reviewers in the development of the water license and land use permit.

Chidliak sparkles and excitement mounts at Nunavut diamonds play

Peregrine Diamonds has released results of the bulk sample taken from the CH-6 kimberlite pipe, and what a great release. Witness statements like:

- Peregrine Reports Diamond Grade of 2.70 Carats Per Tonne From CH-6 Bulk Sample
- CH-6 Confirmed as One of the Highest Grade Kimberlite Pipes in the World
- 48 Stones Larger Than One Carat
- White/Colourless Diamond Population Dominated by Octahedra Shapes

Peregrine Diamonds reported that the 222.1 dry tonne bulk sample from the CH-6 kimberlite pipe on their 100 percent owned Chidliak Diamond Project returned a diamond grade of 2.70 carats per tonne, confirming that CH-6 is one of the highest grade kimberlite pipes in the world.

The resulting diamond parcel consisted of 600.5 carats of commercial-size (+0.85 mm) stones including 48 diamonds over one carat in size and 137 diamonds over 0.50 carat in size with the largest diamond weighing 3.54 carats. A very significant portion of the parcel is gem diamonds. The diamond recovery process was completed by the Saskatchewan Research Council (SRC).

The CH-6 pipe is one of at least seven kimberlite pipes at Chidliak that are potentially economic.



Six diamonds including the 3.35 carat intergrown octahedron, second from the left. For photos of even more diamonds, visit the Peregrine Diamonds website.

Diamonds of special note described by the SRC include clean, unbroken white/colourless octahedrons weighing 2.15, 1.74, 1.13 and 1.10 carats, 3.54, 2.05, 1.78, 1.60 and 1.44 carat white/colourless octahedrons with inclusions, a 1.52 carat clean yellow tetrahedron and a 2.60 carat clean yellow macle. Photos of some of the diamonds from the bulk sample are available at www.pdiam.com/s/2013-CH-6-Bulk-Sample.asp.

Mr. Howard Coopersmith, Peregrine's Independent Qualified Person for dense media separation processing and diamond recovery stated, "The potential for a high quality diamond population at Chidliak that we saw in the 40 carat parcel recovered from the CH-6 kimberlite in 2010 has now been confirmed by this latest 600.5 carat parcel of diamonds. The parcel is overwhelmingly white/off-white in colour, with a potentially important yellow gem population present. The majority of stones show high transparency and high clarity with only minor inclusions or flaws present. Most stones are whole and of good shape, with octahedra and lesser modified octahedra predominating. No indications of significant diamond breakage were noted. Overall this is a very white and clean diamond population with excellent shapes. A significant number of stones, notable in the larger sizes, are sharp octahedra of the highest colour and clarity and should command top prices in the market."

At 2.70 carats per tonne, the CH-6 bulk sample grade is higher than that of any of the kimberlite pipes currently under advanced exploration or development in Canada, and is surpassed only by the grades of five kimberlite pipes in the Lac de Gras district of the Northwest Territories including Misery at the Ekati Diamond Mine and the four high grade kimberlite pipes at the Diavik Diamond Mine. Click [here](#) for the full release.

Junior mining sector not for the faint of heart – hardships not over

PwC has issued a new report speaking to the difficulties the junior mining sector is undergoing. Following are excerpts from the report.

"The junior mining sector is not for the faint of heart," writes John Gravelle of PwC in their latest research report on the state of the mineral exploration industry.

It's been a tough couple of years for the junior mining sector. A drop in metal and mineral prices, alongside tight financing markets, has caused junior mining company valuations to plummet and remain at rock bottom levels. That's made it extremely challenging for juniors to raise money – an activity that can be crucial to their existence.

The confidence crisis is an issue across the sector, but it's the juniors that are being hardest hit," says John Gravelle, PwC's Global Mining Leader.

Click [here](#) to download the complete document.



New Chamber of Mines Board elected

At the Annual General Meeting of the Chamber of Mines, the following board of directors was elected.

EXECUTIVE	
President	Brooke Clements, Peregrine Diamonds Ltd. – Vancouver, BC
Vice President NWT	Gary Vivian, Aurora Geosciences – Yellowknife, NT
Vice President NU	Barry McCallum, AREVA Resources – Saskatoon, SK
Secretary	Don Bubar, President, Avalon Rare Metals – Toronto, ON
Treasurer	Alex Buchan, TMAC Resources, Cambridge Bay – NU

DIRECTORS	
Cathie Bolstad, De Beers Group of Companies – Yellowknife, NT	
Lane Dewar, Cassidy Point Exploration – Yellowknife, NT	
Roy Erasmus, Det'on Cho Corporation – Yellowknife, NT	
Robin Goad, Fortune Minerals Ltd. – London, ON	
Chris Hrkac, GGL Resources Corp. – Yellowknife, NT	
John Kearney, Canadian Zinc – Toronto, ON	
Chantal Lavoie, Dominion Diamond Ekati Corporation – Yellowknife, NT	
Jason McKenzie, North American Tungsten – Vancouver, BC	
Corey McLachlan, Diavik Diamond Mine – Yellowknife, NT	
Brent Murphy, Seabridge Gold Inc. – Yellowknife, NT	
Adam Chamberlain, BLG – Toronto, ON	
Larry Connell, Agnico Eagle Mines Limited – Toronto, ON	
Darcy Hirsekorn, Cameco – Saskatoon, SK	
John Laitin, Sabina Gold & Silver Corporation – Vancouver, BC	
Greg Missal, Baffinland Iron Mines – Toronto, ON	
Julie Ross, Golder Associates – Edmonton, AB	
Brad Ryder, Glencore-Xstrata – Toronto, ON	
Sahba Safavi, MMG Canada – Vancouver, BC	
Pamela Strand – Edmonton, AB	

NWT Wildlife Act passed

The new NWT Wildlife Act was passed in the Legislative Assembly and received assent on November 1, 2013. The Chamber will continue to participate in the Stakeholders Wildlife Act Advisory Group to provide appropriate input into the regulations that now need to be written. This Act may have the most of any Canadian legislation.

Chamber of Mines Honours 3 Members

At the Chamber's Annual General Meeting in November, members voted in the following three individuals as Honourary Members for their contributions to the northern minerals industry:

- Knud Rasmussen – Knud has built up 45 years of drilling, blasting, and mining in the NWT. He has worked on many of our historical major mine sites, as well as on small scale mining operations of his own. He still has hopes of advancing his copper project southwest of Kugluktuk.
- Dave Nickerson – Dave is a mining engineer who has been in the NWT since the early 1960s. He has had quite a varied career in mining and exploration, with a diversion into politics as an MLA and Member of Parliament for the NWT, before returning to his old love, exploration and mining, where he continues to be very involved.
- Peter Tapatai – Peter brings many years of experience in community consultation, media, logistics and expediting and general management for the mining industry. He has been a leading Nunavut business person for many years, and has an excellent understanding of the Nunavut political, business and transportation environments. The Baker Lake entrepreneur provides expediting and transportation services to the Meadowbank mine, along with significant work on a local, regional and territorial level.

Geoscience Forum another success!

The 2013 Geoscience Forum, held November 19-21 in Yellowknife, attracted over 750 registrants even though it conflicted with the Yukon conference and the industry is experiencing a tough investment climate.

The NWT & Nunavut Chamber of Mines would like to thank the NWT Geoscience Office for organizing the technical program. Many hands make the load lighter!

The opening ceremony was launched with an opening prayer song by the Yellowknives Dene drummers, joined by Chief Edward Sangris, who also addressed the audience. Welcoming comments were given by NWT Minister for Industry, Tourism & Investment Dave Ramsay. A highlight of the conference was the Ice Diamonds film which featured stunning visuals of the Diavik Diamond Mine, and glimpses into the lives of equipment operator Leon Williah of Behchoko, and Yellowknife geologist Lou Covello. As well, a session highlighting NWT devolution was held on the last day of the conference.

Other events held during the Geoscience Forum included the public Charles Camsell Talk, *From Pole to Pole: A Tale of Exploring Other Worlds by Exploring our Own*, by Dr. Gordon "Oz" Osinski, the Chamber's annual general meeting at which a new board of directors was elected, and a reception to celebrate the release of the *NWT Mineral Development Strategy*.

On the final day of the conference, the trade show was open to the public for several hours. During the same time over 400 students, teachers and counsellors from Yellowknife, Dettah, N'dilo and Behchoko, attended and participated in a career exploration activity, and three of the classes also participated in activities to explore the geosciences. This was the fourth year

the education event was held. It is an important for our youth to gain exposure to all aspects of the North's largest industry.

In the absence of a Yellowknife convention centre, the technical program was again successfully held in the Capitol Theatre and the trade show was held in the combined gymnasiums of the Weledah and St. Patrick schools. Complimentary lunches were held at the trade show on the opening and closing days and evening receptions and a complimentary shuttle service was provided for conference participants to transport to and from the trade show. Rave reviews were received over the abundance, variety and taste of Diamante Restaurant's catering, and the Daryl Nilson's warm buses.

A special thank you goes out to Mary Hewitt who came all the way from Sudbury, to Penelope Kocik who took a week of vacation and to the Wourms family who put in countless hours of volunteer time before, during and after the conference. Big thanks go to the major sponsors: Aurora Telenet, City of Yellowknife, De Beers Group of Companies, Dominion Diamond, First Air, Foraco, Major Drilling, Matco Transportation Systems, Midnight Sun Energy, Northtech Drilling, Nuna Group of Companies and Summit Air. We are very grateful for the help of all the many other volunteers and sponsors who are just too numerous to name individually. All of you have helped to make this year's Forum another success and we couldn't do it without you!

Mark your calendars for next year's conference: November 25-27, 2014. We look forward to seeing you all!



New LNG Alternative Fuel white paper

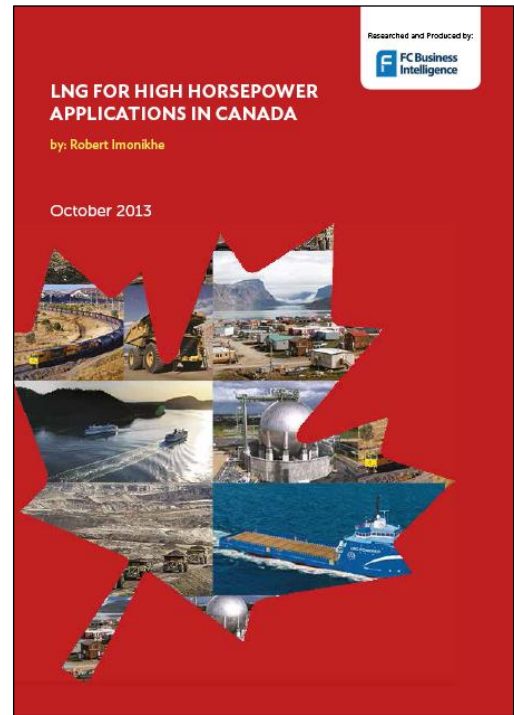
A new paper has been released by FC Intelligence that tracks the recent interest and developments in displacing diesel or propane for natural gas for various mining applications. It highlights supply projects across the country to explore the broader market challenges and opportunities and expected movements over the next 24 months.

Chapters include:

- Scale of the opportunity
- Long term price advantage
- Rising Domestic Demand
- Emissions targets
- Utilities investing in developing the LNG marketplace
- Technology: here and now

The authors promise that by downloading the white paper, you will:

- Gain an overview of the state of play in Canada and the market demand for LNG fuels being seen from a variety of end-user markets
- Understand the key obstacles ahead, and how players are going about overcoming these to grow the domestic market for LNG
- Discover the key projects and companies using LNG from the following verticals: Marine, Mining, Heavy duty trucking, E&P, Remote Communities and Rail



This white paper is a must read for all mining stakeholders involved in energy, carbon management, mining innovation, and will help inform your business strategy and decisions over the coming year. Click [here](#) to download.

New Avalon Rare Earths website

Avalon Rare Metals Inc. ("Avalon") is pleased to announce the launch of *Rare Metals Matter* ("RMM"), a new website that will describe and discuss advances in rare metals material science and applications. This new site, with its collection of articles being updated weekly, will feature technical information on the underlying rare metal properties and qualities that make many of today's (and tomorrow's) new technologies possible.

Content contributors to *Rare Metals Matter* will be led by Ian London, Avalon's Market Development and Energy Advisor. Ian has served on the boards of several new technology and alternative energy companies, and is a sought after speaker and writer on emerging rare earths and sustainability.

Don Bubar, Avalon's President and CEO, recently noted, "We are continually receiving inquiries from students, the public and investors as to how rare metals, particularly the rare earths,

contribute to the evolving new global economy. RMM is a natural extension of our commitment to collaborative information sharing, education and learning (with at times, a bit of fun) particularly as we engage the next generation of builders, operators and entrepreneurs."

Visit RareMetalsMatter.com to explore why Rare Metals Matter! You can also contact rmm@avalonraremetals.com to receive RMM's weekly email update.

New: Canadian Rare Earth Elements Network announced

The Assistant Deputy Minister of Natural Resources Canada, Marian Campbell Jarvis, announced the formation of the Canadian Rare Earth Elements Network (CREEN) during her keynote remarks to launch the REE Symposium at the 52nd Annual Conference of Metallurgists (COM 2013), held in Montreal, October 27-31, 2013 and chaired by Avalon Rare Metal Inc.'s ("Avalon") Energy and Market Advisor, Ian London.

CREEN is an industry-led, multi-stakeholder network focused on supporting research and development leading to collaborative solutions that will advance Canada's REE sector to produce and secure 20 percent of the global demand for separated critical rare earth products by 2018. This industry-driven network is supported by universities, engineering firms, national and commercial laboratories. Its three complementary goals are to:

- Accelerate the development and delivery of timely R&D solutions to industry's technical and economic issues in support of Canada's emerging rare earth sector.
- Facilitate partnerships with other national and international organizations, to leverage existing research initiatives and identify funding opportunities.
- Support training and education to provide the qualified human resources needed to achieve the sector's goals.

Alex King, the Executive Director of the US Critical Materials Institute remarked toward the close of the Symposium, "Canada clearly has the natural resources, mining and materials processing experience and passion to make a significant contribution to the global rare metals supply chain."

Avalon's Ian London has been invited to chair the CREEN Board. Ian was interviewed about CREEN's purpose and objectives on the Commodities Show on BNN on November 6, 2013. To watch the interview click here: <http://watch.bnn.ca/#clip1038463>

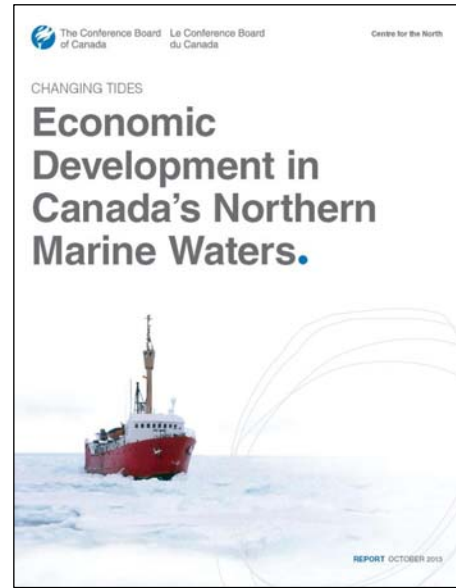


Report: Economic Development in Canada's Northern Seas

The Conference Board of Canada has released a new report on marine shipping in Canada's North. ***Changing Tides: Economic Development in Canada's Northern Marine Waters*** can be downloaded [here](#).

Canada's Northern marine waters are a challenging environment for the pursuit of economic development projects. Nevertheless, oil and gas development, fishing, tourism, and the shipping associated with these and other forms of economic activity are expected to increase over the decades to come. The pace of this increase will hinge on developments surrounding climate change, commodity prices, emergency response and search and rescue capacity, and the availability and quality of Northern infrastructure.

Changing Tides: Economic Development in Canada's Northern Marine Waters discusses the trends surrounding economic development in Northern marine waters as well as the associated risks and benefits for the stakeholders involved, including industry, public sector organizations, Northern communities, and the surrounding environment. The risks will need to be mitigated and the benefits enhanced if equitable, sustainable development is to be achieved. The report concludes with a series of recommendations that target this objective.



Sign of the future? Ship transits NW Passage with full load of coal

This past summer, the 75,000 tonne cargo ship, the MV NORDIC ORION successfully transited the Northwest Passage delivering its cargo to Finland. The ship took on Canadian coal in Vancouver, and then worked its way through the passage from west to east. With its full load of coal, the ship produced a draft (keel depth) of 14 metres which makes it one of the largest draft vessels to ever transit the Northwest Passage.

As timing would have it, the ship met the Canadian Coast Guard ice breaker, the Louis St. Laurent at Peel Sound where ice conditions were difficult, and therefore benefitted from the ice breaker's help in navigating that area. The MV Nordic Orion is an ice-class 1A ship designed and built to operate in the harsh conditions of the Arctic. The Nordic Orion also had the benefit of a Canadian ice pilot on board who would have contributed to their successful passage.

What does it mean for the future?

There is an economic attraction, as the historic transit is 1,000 km shorter than the traditional route through the Panama Canal. This saves time and fuel and therefore also CO2 emissions. With less fuel, operating costs decrease and at the same time the cargo load increases by 25% compared to the Panama Canal. (see: <http://www.nordicbulkcarriers.com/nwp-project>)



CCGS Louis St. Laurent escorts MV Nordic Orion into sea ice



The 75,000 tonne cargo ship, the MV NORDIC ORION transiting the NorthWest Passage with load of coal



The smaller 25,000 tonne Canadian ice breaking cargo ship, MV Arctic has been serving northern mines since the 1970s. Here it is shown at Voisey's Bay, Labrador.

In addition, Canada has several mining projects that will require ship transport in and through portions of the NW Passage. Besides bringing cargo in to these future mines, ships are needed to transport the bulky and heavy mineral concentrate out to markets. This is not a new concept, and the Nanisivik and Polaris zinc-lead mines pioneered that high Arctic shipping beginning in the 1970s, shipping ore concentrate out safely through eastern portions of the NW Passage for 25 years. Many of those trips were made by the 25,000 tonne M.V. Arctic, Canada's premiere ice breaking cargo ship that still serves mines in the Quebec and Labrador Arctic. What's of interest with the Nordic Orion transit is the ship is much larger and it transited the entire passage fully loaded and virtually unassisted by ice breaker support.

In comparison, the largest ship to transit the Passage was the 115,000 ton Manhattan ice strengthened oil tanker, which transited the passage from east to west and back again in 1969. It had a draft of 15 metres, but since it travelled the Passage with no cargo, drew much less water than the MV Nordic Orion. It also had ice breaker support throughout its voyage.

A sign of things to come?

As they say, watch this space (and also read the previous story on the recently released Conference Board of Canada report ***Changing Tides: Economic Development in Canada's Northern Marine Waters***).

Mining artwork has value – Group of 7 NWT mining painting auctioned

While in Ottawa in 1949, now famous Canadian painter and member of the Group of Seven, A.Y. Jackson met Hugh Keenleyside, Deputy Minister of the Department of Resources and Development. This led to Jackson being commissioned by the department to produce paintings of the region around Yellowknife on Great Slave Lake.

After spending the summer teaching at the Banff School of Fine Arts, Jackson first headed up to the Port Radium region on Great Bear Lake, traveling on an Eldorado Mine plane. His friend, mineralogist and fellow painter Maurice Haycock, joined him on the trip. They then headed south to Yellowknife, where Jackson produced this lively work. Jackson was drawn to the primeval nature of this open landscape, strewn with boulders and covered with a tapestry of moss, lichen and small plants, here turning bright orange and yellow with fall colours.

Jackson includes Negus Mine in the landscape, a gold mine which operated from 1939 to 1952. Jackson's vigorous brushwork gives equal emphasis to all the elements in the painting, and his warm palette imbues the work with a rich glow.

The painting went up for auction this fall at Heffel Fine Art Auction House in Vancouver. Its value was estimated from \$12-14,000, and it sold for \$17,550 (click [here](#) for details).



Negus Mine, Yellowknife, NWT by A.Y. Jackson, 1940's

A new demand for sand that's grand

The following story from the Fraser Institute's website caught our eye, as it relates to a potential opportunity for sand mining in the NWT too. Check it out.

A new demand for sand that's grand

By Dr. Kenneth P. Green

When most people think about mining, they think about gold, diamonds, potash, coal, iron, and other metals and minerals. What they probably don't think about is sand. Apparently, they should - the growing use of hydraulic fracturing has sharply expanded the demand for sand, which is integral to the process, where pressurized water and sand are pumped into shale and other oil & gas bearing formations to allow the hydrocarbons to flow.

An article in the Wall Street Journal documents the increasing demand for sand used in the production of natural gas:

- *Energy companies are expected to use 56.3 billion pounds of sand this year, blasting it down oil and natural gas wells to help crack rocks and allow fuel to flow out. Sand use*

has increased 25% since 2011, according to the consulting firm PacWest, which expects a further 20% rise over the next two years.

And sand mining companies are prospering:

- *And the stocks of publicly traded companies that deal in sand have soared. Shares of Houston-based Hi-Crush Partners have jumped 59% since it began trading in August 2012. Shares of U.S. Silica Holdings Inc., based in Frederick, Md., have doubled since it went public in 2012, giving it a stock market value of \$1.9 billion.*

The article has a wealth of details about the use of sand in hydraulic fracturing, pointing out that it takes 25 rail cars worth of sand to “frack” a well. And that adds up to a lot of business for railways as well:

- *Railroad operators are carrying boxcars filled with sand to shale fields including the Permian Basin of West Texas and New Mexico, the Bakken formation of North Dakota and the Marcellus Shale of Pennsylvania.*
- *While some of these places might seem to have plenty of sand of their own available, many fracking outfits prefer Wisconsin white sand, which is bigger and has rounder grains better suited for holding open larger pathways.*
- *Union Pacific Railroad shipped 94,000 railcars of frack sand in the first half of the year—a 20% increase over the same period of 2012. Canadian National Railway Co. is spending \$68 million over three years to upgrade and restore more than 100 miles of track in Wisconsin so it can boost sand shipments out of state.*
- *U.S. Silica and BNSF Railroad are building a sand distribution hub south of San Antonio, at the edge of the oil-rich Eagle Ford shale. U.S. Silica will ship more than 1 billion pounds of sand each year there from Ottawa, Ill., 85 miles southwest of Chicago, and Sparta, Wis., about 250 miles to the north.*

In a year that’s been hard on the mining sector, it’s nice to see a bright spot appearing as 2013 draws to a close. Read the whole thing [here](#).

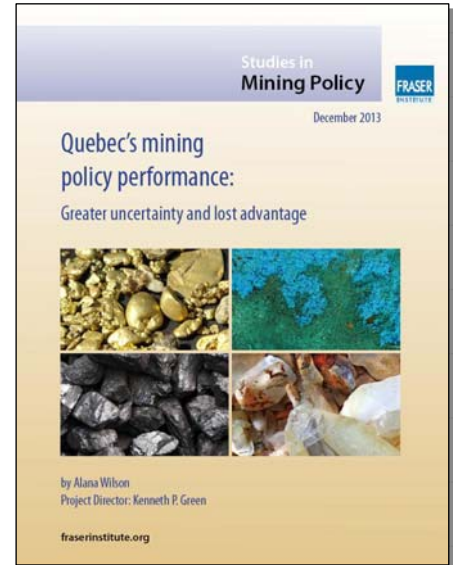
Read this original Fraser Institute post on their miningfacts.org site by clicking [here](#).

How Mining Policy creates greater uncertainty and lost advantage – Quebec

Government mining policy plays a significant role in investment attractiveness, and a recently released Fraser Institute report demonstrates the negative effects in Quebec. The following is taken from the Institute’s report summary found [here](#).

Mining exploration and extraction contributes to Quebec’s economy and creates high paying employment in remote and rural areas. It supports jobs in ore processing and contributes significantly to Quebec’s domestic exports. Yet this sector is currently facing numerous challenges that are threatening future exploration and mine development in the province. Economic challenges include rising input prices, difficulty securing investment financing for exploration, sluggish economies, and increasingly risk-averse investors.

In addition to these cyclical challenges, Quebec is also facing deterioration in the attractiveness of its policy environment for mining. Since 2009, Quebec has introduced a number of policy changes and initiatives. The effects of such continually changing policies has been to increase uncertainty for mining and exploration companies in Quebec, with the result being an increase in the percentage of companies deterred from investing in the province. Quebec has changed the policy environment that made it a top-ranked jurisdiction for mining investment, and the results of the Fraser Institute Survey of Mining Companies clearly show its declining attractiveness to mining investment since 2009/10. From 2007/08 to 2009/10 Quebec was ranked as the most attractive jurisdiction for mining investment in the world. In the most recent 2012/13 survey it had fallen to the 11th most attractive.



An analysis of the policy factors evaluated in the survey shows that recent policy changes have had varying effects on deterring mining investment, with four factors responsible for nearly half of the investment strongly deterred in the 2012/13 survey. A review of these shows how recent policy changes may have contributed to the observed increase in investment deterred. These factors are reviewed, and recommendations are made for each. Download the report [here](#) or click on the report thumbnail.

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:

- **Diamante Restaurant** is a Yellowknife favourite. Established in 2005, Diamante's is a warm, inviting gathering place with menu best described as seasonal, chef-driven cuisine with Italian and Mediterranean influences, and a modern flair. Visit: <http://diamanterestaurant.com/>

Calendar of Events

- **Mineral Exploration Roundup**, The Westin Bayshore, Vancouver, January 27-30, 2014. To learn more, click [here](#).
- **Northern Lights 2014**, Ottawa Convention Centre, a joint venture of the Labrador North and Baffin Regional Chambers of Commerce. Jan 29 - Feb 1, 2014. Click [here](#) for more.
- **PDAC 2014 International Convention, Tradeshow, and Investors Exchange**, March 2-5, 2014, Metro Toronto Convention Centre South. Visit: <http://www.pdac.ca/convention>
- **2014 Nunavut Mining Symposium**, April 7 – 10, 2014, Iqaluit, NU. Visit: <http://www.nunavutminingsymposium.ca/>

Member News Releases this past month

Links are live in the following news releases issued by our member companies this past month.

- 9 December 2013 - Platinum Group Metals Announces C\$175 Million Bought Deal Financing
- 5 December 2013 - Avalon Releases Second Sustainability Report
- 5 December 2013 - Diavik donation benefits Hay River's Lights On Program
- 4 December 2013 - Mackenzie Valley Land and Water Board Approves Gahcho Kué Pioneer Land Use Permit
- 27 November 2013 - Avalon Announces Share Purchase Agreement with Lincoln Park Capital Fund, LLC and Filing of Prospectus Supplement
- 27 November 2013 - President and Director Resigns from Manson Creek
- 26 November 2013 - Platinum Group Reports 2013 Annual Results
- 26 November 2013 - Dominion Diamond Corporation's Fiscal 2014 Third Quarter Results to be released Tuesday, December 10, 2013
- 26 November 2013 - Avalon to Profile Innovative Rare Metal Technologies and Applications on New Website Rare Metals Matter
- 26 November 2013 - Tyhee Announces Intention to Create Special Purpose Vehicle to Raise US\$37.5 Million in Secured Convertible Debentures
- 19 November 2013 - Peregrine Completes Processing Of CH-6 Bulk Sample and Announces Three New Kimberlite Discoveries at Chidliak
- 18 November 2013 - West Melville Secures 100% Ownership of the Isortoq Project, Greenland
- 17 November 2013 - Sepon to cease gold production
- 15 November 2013 - Canadian Zinc Reports Financial Results for Third Quarter 2013
- 14 November 2013 - Extension of the Super F Zone of the Waterberg Platinum Deposit Confirmed
- 14 November 2013 - Manson Creek Provides Exploration Update
- 14 November 2013 - Fortune Minerals Awards NICO Detailed Engineering and Design Contract
- 14 November 2013 - Tyhee Pursuing Near-Term Production Opportunities and Growth Strategy
- 14 November 2013 - Seabridge Gold Files Third Quarter 2013 Financial Statements and MD&A
- 13 November 2013 - Sabina Gold & Silver Reports Q3 Financial Results
- 13 November 2013 - Stornoway Announces Flow-Through Financing For Renard Resource Expansion Drill Program
- 13 November 2013 - Stornoway Announces Increase To Bought Flow-Through Financing
- 12 November 2013 - Elgin Mining Reports Third Quarter 2013 Results
- 12 November 2013 - Seabridge Gold Reports Final Results from Highly Significant Deep Kerr Discovery
- 12 November 2013 - WBJV Project 1 Project Finance Update and Waterberg Update
- 5 November 2013 - Stornoway Hosts Québec Minister Of Natural Resources At Montreal Press Event To Highlight Government-Industry Partnerships
- 5 November 2013 - Avalon Receives Federal Government Approval for Nechalacho Project Environmental Assessment
- 5 November 2013 - North Arrow Announces Canada's Newest Diamond Discovery At The Pikoo Diamond Project, Saskatchewan
- 5 November 2013 - Seabridge Gold Drills Spectacular Intercept Within Deep Kerr Deposit At KSM
- 4 November 2013 - Sabina Gold & Silver Announces Positive Results From Echo Zone At Back River Project

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 2019. Workforce approximately 1,500.	Q2 news release – Since DDC bought Ekati in April, the mine produced 0.4 million carats from 1.0 million tonnes of ore for an average grade of 0.41 cts/tonne valued at over \$300/ct.
Diavik Mine	Rio Tinto and Dominion Diamonds	Diamonds	Canada's largest diamond producer, 300 km NE of Yellowknife. Mine life to 2023. Became all underground mine in 2012. Workforce approximately 1,000.	For the first half of the calendar year 2013, Diavik produced 3.5 million carats from 1.0 million tonnes of ore processed for an average grade of 3.41 cts/tonne valued at over \$100/ct.
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.	2012 Socio-economic report released has been released.
Cantung Mine	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western Northwest Territories, ~300 km by road NE of Watson Lake, Yukon. Mine life to 2014.	March 1 news release reports new zone of mineralization discovered near mine workings. New CEO announced.
Nechalacho	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. Target for production start up remains late 2016 with initial product sales anticipated for 2017.	Nov 27 announced share purchase agreement for up to \$30m. Dec 5 releases second sustainability report.
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	Mid-November, Fortune announced they have hired Hatch Ltd. to conduct detailed engineering and design for construction of the project.
Yellowknife Gold	Tyhee NWT Corp	Gold	Proposed open pit and underground mine of 2 deposits (Ormsby and Nicholas Lake) about 90 km NE of Yellowknife. Estimated 4,000 tpd. Est. mine jobs: 238	Nov 27, announced new Special Purpose Vehicle through which a fund of up to US\$37.5 million is intended to be raised and help finance Tyhee's Yellowknife gold project.
Prairie Creek	Canadian Zinc Corporation	Lead-zinc-silver	Proposed underground mine 120 km west of Ft. Simpson. Estimated mine jobs: 220	In Sept, Federal government approves water license for project. All permits now in place to construct and operate the mine.
Gahcho Kué	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360. Indicated resource increased 12% from 50.5 million carats to 56.6 million carats. Inferred resource increased 80% from 10.3 million carats to 18.5 million carats.	On Dec 3, the MVLWB approved a pioneer Land Use Permit for the Gahcho Kué diamond mine, which allows land-based site works to commence in preparation for deliveries planned for the 2014 winter road season. In late October the project was approved to go to permitting and licensing.
Pine Point	Tamerlane Ventures	Lead-zinc	Company proposes underground mine east of Hay River, NT using freeze technology for water management. Estimated mine jobs: 225	All permits in place to mine first deposit. Issued August news release: Tamerlane Granted CCAA Protection, Announces Entry into a Term Sheet for up to approximately \$1 million of DIP Financing and Appointment of Financial Advisor. September release: Tamerlane announces receipt of Positive NI 43-101

				Summary Technical Report for a New Operating Scenario at the Company's Pine Point Project
Courageous Lake	Seabridge Resources	Gold	Proposed open pit mine 240 km northeast of Yellowknife. 6.5 million oz proven and probable reserves. (Positive Preliminary Feasibility Study July 2012)	New 5-year land use permit issued December 28 to allow up to 700 drill holes. In the nine months of 2013, the Company incurred \$5.3 million 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

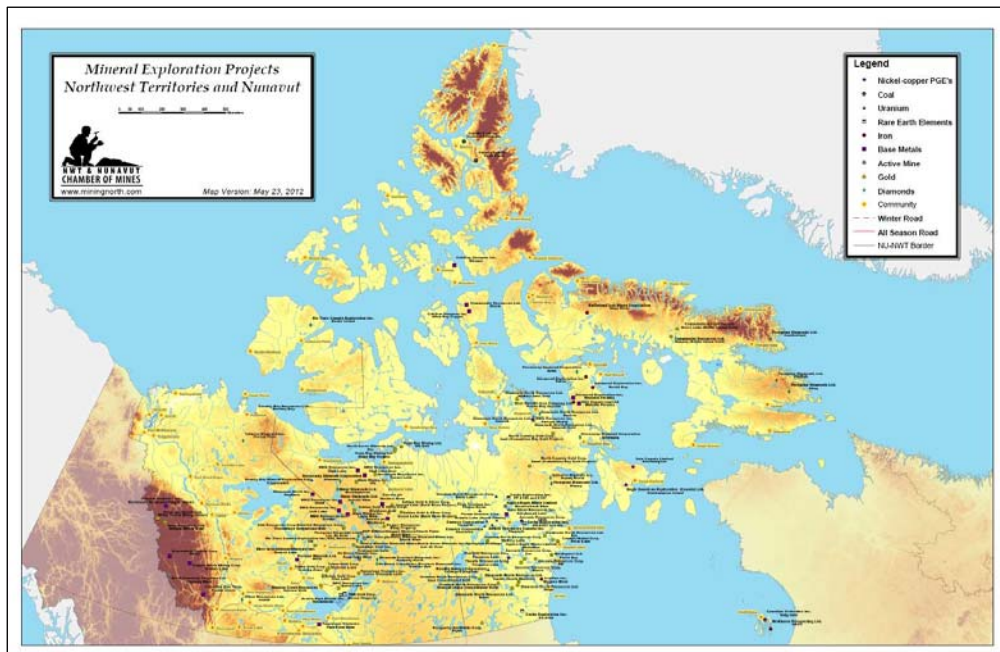
The following table describes a number of leading mineral development projects in Nunavut.

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: 450	Payable gold production for 2012 totalled 366,030 oz. Mine life extended to 2018. Est. expenditures for 2013 - \$83M; Q3 Results released October 24, 2013.
Mary River	Baffinland Iron Mines	Iron	Proposed open pit mine with railway and port; 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: 3,500- 5,000. Estimated mine jobs: 715	IIBA approved on September 5, 2013 with public version released by QIA on December 10, 2013; Public Hearings for Early Revenue Phase scheduled for Pond Inlet, January 27, 2013.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	AREVA to submit final EIS as September 30, 2014, with final public hearings in 2015.
Meliadine Gold	Agnico-Eagle Mines	Gold	Possible gold mine, 6 deposits, the largest of which is the Tiriganiaq deposit, 25 km NE of Rankin Inlet. Estimated construction jobs: 1000 Estimated mine jobs: 700	Est. expenditures for development and exploration for 2013 - \$90M; Technical Meetings/Pre-Hearing conference December 3- 12, 2013 in Rankin Inlet.
Hackett River	GlencoreXstrata	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	Pre-feasibility Study initiated in September, 2012; Submission of DEIS scheduled for Q3, 2013. GlencoreXstrata is taking lead on advancing the Bathurst Inlet Road & Port project, with Sabina.
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	Sabina announced positive PFS on October 9, 2013. Expected date of DEIS is January 14, 2013.

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 is continuing to evaluate alternative engineering options with potential to add value to the project, as well as planning for a 2014 exploration program focused on identifying more mineral resources in the Izok Corridor; Expected to provide revised project description in Q4, 2014.
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 Feasibility Study August 10, 2012. Announced opportunities for infrastructure support in construction of LNG power plant & port facility, February 5, 2013.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 61 known diamond-hosting formations.	Results from 2013 bulk sample announced December 3, 2013; Established CH-6 as one of the highest grade kimberlites in the world; 48 diamonds greater than 1 carat and 137 diamonds greater than half a carat.
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: 300	NIRB recommends approval of Type A Water License renewal for 10-year period on August 16, 2013.
Angilak	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit; 43.3 Mlb inferred resource at 0.69% U308.	Kivalliq acquired property in 2008. 87,500 m on exploration and resource drilling to date. 2013 drill program planned.

Detailed deposit map on website

A reminder that the map below and others are available on our Chamber website under Library, Maps or by clicking [here](#) or on the small map.



Project Maps

