

Northern Mining News

Volume 7, No. 5

May 2014



In this issue:

Diavik and Ekati Production Update	2
Baffinland a go: receives amended project certificate for Mary River Project	4
Meliadine Ramp Development, Exploration and Permitting Activities Continue	5
TMAC Raises Financing and commences 2014 Hope Bay Programs	5
Peregrine Reports new resource for Nunavut diamond deposits	6
Diavik releases 2013 Sustainable Development Report	7
Selwyn project update	7
Tłı̨cho Government Files Court Challenge to Amendments to the MVRMA	9
Conference Board's Economic Report Card highlights North.....	9
Territorial Economic Outlook good says Conference Board of Canada.....	11
Community Training in Action: Mine-Related Training in Arviat, NU.....	11
NWT Diamond Production Update	13
NWT Devo: Three more Aboriginal groups sign on	13
Grand opening of NWT Diamond Centre in Yellowknife	14
New Mine Training Coordinator at Sanatuliqsarvik Trades Centre	15
Chamber supports New Naats'ihch'oh National Park as Reasonable Balance.....	16
AREVA Completes Winter Haul to Kiggavik Project Site	17
NWT's own rare earth elements are critical raw materials for the EU	18
Report: Confusion over duty to consult obstructs benefits for Aboriginal peoples.....	19
Member News Releases this past month	21
Welcome New Members!	22
Calendar of Events	22
Mines & Promising Northwest Territories Mine Projects.....	23
Mines & Promising Nunavut Mine Projects.....	25
Detailed Deposit Map	26
Project Maps	27

From the Executive Director ...

Welcome to spring, and a whole slate of stories on progress in our northern minerals industry. While markets are still challenging, thankfully we are still seeing some projects advance closer to construction and production.

The Conference Board of Canada has issued a new report card on Canada's economy, and the North emerges quite positively. In the NWT, a majority of Aboriginal groups have now signed onto devolution, helping strengthen the path forward for the NWT Government who is the new landlord for our industry. Read of the training success story in Arviat. With its distinction of having the highest birth rate in Canada, it's a community that recognizes the value of training.

Happy reading. ... TWH

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

Diavik and Ekati Production Update

On May 20, Dominion Diamond Corporation reported that rough diamond production, sales and pricing have all exceeded targets for the first quarter of fiscal 2015 (February through April) to the extent that the estimated value of the Company's production at current sales prices is ahead of expectation by approximately \$100 million. Information for Ekati and Diavik follows.

Ekati Diamond Mine Production (100% basis)

Production for the quarter is 24% ahead of target.

<i>For the three months ended April 30, 2014</i>			
Pipe	Ore Processed (000s tonnes)	Carats (000s)	Grade (carats/tonne)
Fox	671	231	0.34
Koala	152	172	1.13
Koala North	82	71	0.87
Misery Satellites	56	86	1.52
Coarse Ore Rejects ("COR")	-	-	-
Total	962	561	0.58

Diavik Diamond Mine Production (40% basis)

Production for the quarter is 13% ahead of target.

<i>For the three months ended April 30, 2014</i>			
Pipe	Ore Processed (000s tonnes)	Carats (000s)	Grade (carats/tonne)
A-154South	120	420	3.5
A-154North	242	546	2.26
A-418	225	778	3.46
Coarse Ore Rejects("COR")	4	93	23.25
Total	591	1,837	2.97

Ekati Mining Update

The decision in the autumn of 2013 to accelerate the mining capability in the Fox pipe has resulted in an additional approximately 100,000 tonnes of material being mined from the open



pit ahead of the spring Freshet (snowmelt). This material was mined from a section of the ramp which was in kimberlite but was not part of the original mine plan. Mining at the Fox pipe was completed last week.

The development at the 1810 level at Koala Underground was completed at the end of February and production drilling commenced in March.

During the quarter, the Company tested a small kimberlite pipe within the Misery pit to the northeast of the main ore body which has been excavated as part of the Misery pushback. As a result of a bulk sample run on this material, approximately 30,000 tonnes of the Misery Northeast material has been stockpiled and will be processed in the second quarter. The characteristics of the diamonds in the satellite pipe material appear to be very similar to the diamonds from the Misery Main pipe.

Diavik Mining Update

Ore mined at the Diavik mine was 12% ahead of plan. This performance results from higher production from A-418 and A-154 South due to favourable ground conditions and improved availability of equipment.

Ekati Processing Update

The Company estimates that process plant improvements to date have increased the recovered grade during the first quarter by approximately 15%. Most of this incremental recovery is in smaller diamonds not currently included in reserves. Historically, Ekati has bypassed the recrusher circuit in order to maximize process plant throughput and has not recovered the entrained diamonds within the coarse fraction of the tail rejects. The recrusher circuit will likely be re-established by year-end to further improve diamond recovery. Once the process improvements have been substantially completed the Company intends to incorporate the higher recovery rate into an updated reserves statement.

Diavik Processing Update

Ore processing was 18% ahead of plan predominately due to greater ore availability as a result of higher mining rates and improved equipment availability, equipment efficiencies and utilization of the processing plant.

Q1 2015 Ekati and Diavik Rough Diamond Sales

The Company recorded total first quarter sales of \$175.5 million.

Jay Project Update

The winter drilling, environmental and engineering program has revealed conditions that will accommodate a simplified design for the Jay Project allowing a reduced environmental footprint and a shortened construction timeline without sacrificing project economics. Regulatory agencies have now been advised of the revised project design and it will form the basis of the Developer's Assessment Report to be filed in September this year. It is this report that is the starting point for the Environmental Assessment.

For more details, download the entire release [here](#).

Baffinland a go: receives amended project certificate for Mary River Project

On May 28, the Nunavut Impact Review Board (NIRB) issued an amended Project Certificate to Baffinland Iron Mines Corporation to address the Early Revenue Phase proposal for the Mary River Project. The amended Project Certificate consists of 7 new terms and conditions and 45 revised terms and conditions intended to address the potential adverse effects of the Early Revenue Phase proposal, as approved by the Minister of Aboriginal Affairs and Northern Development on April 28, 2014.

The Mary River Project is located on Baffin Island in the Qikiqtaaluk Region, approximately 160 km southwest of Pond Inlet. Originally approved in 2012 following an extensive public review by the NIRB, the Mary River Project consisted of mining iron ore from the reserve at Deposit No. 1 at a nominal production rate of 18 Million tons per year (Mt/a) for an estimated 21 year mine life, with exploration, construction, operation, closure, and reclamation of an open-pit mine at Mary River and associated infrastructure for extraction, transportation by rail and shipment of iron ore using purpose built ore carriers with ice breaking capability. The Mary River Project consists of 3 main project locations – the mine site at Mary River, Milne Port north of the mine site, and Steensby Port south of the mine site. Milne Port is connected to the mine site by the pre-existing Milne Inlet Tote Road, whereas a railway would be constructed to connect the mine site to Steensby Port.

Following the issuance of the original Project Certificate for the Mary River Project, in January 2013 Baffinland applied to the NIRB for a formal reconsideration of the Project Certificate terms and conditions to reflect additional activities associated an updated development plan, incorporating the Early Revenue Phase proposal. The Early Revenue Phase proposal would allow for transport of up to 3.5 MT of iron ore north on the Milne Inlet Tote Road for annual shipment during the open water season from Milne Port.

The NIRB conducted an extensive public reconsideration process for the Early Revenue Phase proposal pursuant to Section 12.8.2 of the Nunavut Land Claims Agreement which included submission of an addendum to the Mary River Final Environmental Impact Statement by the Proponent, technical review and submission of written comments by parties, and facilitation of community information sessions and a public hearing in Pond Inlet. On March 17, 2014 the NIRB issued a public hearing report to the responsible government ministers, recommending that the Early Revenue Phase proposal should be approved to proceed pursuant to the additional and revised terms and conditions set out in the Board's report.

On April 28, 2014, responding on behalf of the various responsible ministers, the Minister of Aboriginal Affairs and Northern Development Canada accepted the NIRB's report, rejecting one term and condition and further varying 4 terms and conditions. Following receipt of the Minister's approval and prior to issuing the amended Project Certificate, the NIRB facilitated a Project Certificate Workshop to discuss implementation of the Project Certificate terms and conditions and determine whether any additional commentary would be necessary.

All information related to the NIRB's reconsideration of the terms and conditions of the Mary River Project Certificate 005, including the approved Project Certificate Amendment 1, can be accessed online from the Board's public registry [here](#).

An Inuktitut translation of the amended Project Certificate is being prepared and will be distributed as soon as it becomes available.

The NIRB looks forward to further developing its monitoring program for the Mary River Project and will be providing regular updates on the implementation of the Mary River Project Certificate moving forward.

Meliadine Ramp Development, Exploration and Permitting Activities Continue

Agnico Eagle reports in their Q1 news release that underground development, exploration, technical studies and permitting have continued in the first quarter of 2014 with \$9.9 million in capital expenditures at their 100%-owned Meliadine gold development project near Rankin Inlet, Nunavut.

The Meliadine project has the Company's largest and fastest-growing high-grade complement of reserves and resources. (See the Detailed Mineral Reserve and Resource Data in the Company's February 12, 2014 news release.)

Late in 2013, a permanent portal was completed for the existing exploration ramp north of the Tiriganiaq zone, and the ramp was extended by 80 metres. Ramp development continued in the first quarter of 2014, adding 226 metres. The full-year budget calls for approximately 1.4 kilometres of ramp development (to a depth of 275 metres below surface).

Three drill rigs are active on a surface drill program, which began in late February, one month ahead of schedule. The rigs completed 27 holes (7,107 metres) of conversion drilling (Wesmeg/Normeg zone) and exploration drilling (Wesmeg/Normeg and Pump zones) to the end of March. Additional condemnation/geotechnical drilling in an area of proposed mine site facilities is also planned. While no results are available yet, significant new gold mineralization was discovered in the western extension of the Pump zone, showing its potential to host additional high-grade resources. In March the underground delineation drill program began, using one rig at 75 metres depth. This program is helping to refine the geological model of the Tiriganiaq zone.

Work continues on the updated technical report, scheduled for completion in late 2014. The permitting team is preparing documents for the Final Environmental Impact Statement (FEIS), with a target completion date in the second quarter of 2014.

TMAC Raises Financing and commences 2014 Hope Bay Programs

On May 1, TMAC Resources Inc. announced the successful completion of a private financing to raise \$78 million to be used by TMAC at its 100% owned Hope Bay Gold Project located approximately 685 kilometres northeast of Yellowknife in the Kitikmeot region of Nunavut. The moneys will fund its 2014 program which includes exploration, engineering, environmental permitting and compliance, a pre-feasibility study and for working capital and general corporate purposes. Coincident with the closing of the financing, the Company repaid the \$15 million dollar convertible loan plus interest owed to Newmont Mining Corporation, which was scheduled to mature on December 31, 2014.

On May 13, TMAC announced they had approved a plan and budget for 2014 totalling approximately \$61 million to advance the Hope Bay Gold Project. That Plan and Budget, which commenced April 1, 2014, consists of exploration, engineering, environmental permitting and compliance and completion of a pre-feasibility study.

Terry MacGibbon, TMAC's Executive Chairman stated, "This financing clearly demonstrates the strong endorsement by investors of the quality of Hope Bay and the strength of the Company's management team and its operating philosophy. We are very pleased that TMAC, a private exploration and mine development focused company, has been able to raise over \$110 million of equity since being incorporated and acquiring Hope Bay in March 2013. We are also very pleased to welcome Resource Capital Fund, along with Newmont and the Inuit of Nunavut, as partners in the further development of Hope Bay." He added, "This financing, along with our current funds, after the loan repayment, leaves approximately \$72 million in the Company's treasury. Pending 2014 results, the Company plans to conduct a pre-feasibility study by early 2015, which, when completed, will allow the Company to consider equity and debt project financing options.

TMAC is a privately held mineral exploration and development focused company with an experienced and accomplished board of directors and a strong senior management team, which includes a number of former senior executives of FNX Mining Company Inc. ("FNX") and headed by Terry MacGibbon, founder of FNX Mining Company Inc. and co-founder and Chairman of Torex Gold Resources Inc. TMAC's management team has an exceptional track record of discovering, defining and developing high grade, profitable underground mines.

Peregrine Reports new resource for Nunavut diamond deposits

On May 07, 2014, Peregrine Diamonds Ltd. announced estimates for a maiden independent Canadian National Instrument ("NI") 43-101-compliant Inferred Mineral Resource for the top 250 metres of the CH-6 kimberlite pipe and additional tonnage as a target for further exploration.

Key elements of the CH-6 estimates are:

- An Inferred Mineral Resource of 7.47 million carats of diamonds in 2.89 million tonnes of kimberlite to a depth of 250 metres;
- Grade of 2.58 carats per tonne;
- An average diamond price of US\$213 per carat and a modelled price range between US\$163 and US\$236 per carat as determined by WWW International Diamond Consultants in February 2014;



Chidliak Discovery Camp, April 6, 2014

- An estimate of 2.60 to 3.47 million tonnes of kimberlite classified as a target for further exploration;
- The kimberlite is open at depth.

Tonnage estimates have been completed for the CH-7 and CH-44 kimberlites. The CH-7 kimberlite tonnage estimate is between 2.75 and 3.97 million tonnes from surface to a depth of 280 metres. The CH-44 tonnage estimate is between 1.16 and 2.05 million tonnes from surface to a depth of 230 metres. Both CH-7 and CH-44 are open at depth.

The CH-6, CH-7 and CH-44 kimberlite pipes are located on Peregrine's 100 percent-owned Chidliak project ("Chidliak"), 120 kilometres from Iqaluit, the capital of Nunavut, Canada.

The full press release can be found at

<http://www.pdiam.com/s/PressReleases.asp?ReportID=651625>

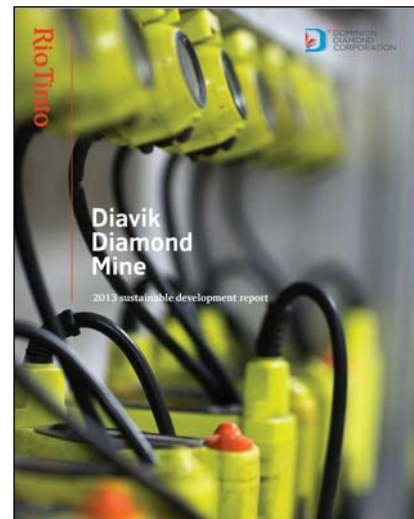
Diavik releases 2013 Sustainable Development Report

Diavik has released its latest sustainable development report, highlighting its key achievements and continued sustainable development initiatives.

The 2013 report includes an operational update, economic prosperity, social well-being, and health, safety and environment sections.

Highlights include the mine's safe and successful ramp up to full underground production, increased northern and Aboriginal employment percentages, and increased spending percentage with northern businesses.

Click [here](#) or on the thumbnail to view the 28-page report.



Selwyn project update

The Selwyn Project is under new management and continues to advance. In April of 2013 Selwyn Chihong Mining Ltd bought out the remaining 50% of the Selwyn Project from their JV partners, Selwyn Resources Ltd. The new owners are making a significant investment in advancing the project in 2014. They have committed \$56 million to the project this year focusing on infill, exploration, and geotechnical drilling, engineering and environmental studies, and continued incremental infrastructure development.

Encouraged by the shifting investment and regulatory climate in the NWT, the company has committed over \$14 million of the total budget to drilling and road construction in the Territory. Selwyn Chihong holds over 5,000 hectares of mineral leases in the NWT. In addition, the preferred access route of the Project runs for 80 km through the Territory. This planned program marks the first significant exploration investment on these properties since they were first developed and explored in the 1970's.

Starting this past winter, Selwyn Chihong began a program of road rehabilitation on the access road. The company has already invested almost \$7 million on bridge replacements and intends to invest a further \$4 million on road improvements over the summer.

The company also intends to complete 1,000 metres of exploration drilling on its mineral leases in the NWT this summer. These mineral leases are connected directly to the XY mineral claims



Selwyn's Steel Creek Bridge, NWT: Part of road rehabilitation work being done for the Selwyn Project. March 2014

in the Yukon which host one of the more significant deposits of the Selwyn Project. Drilling completed on these leases in the 1970's provided positive indication of mineralization consistent with the XY deposit.

Selwyn Chihong has Cooperation Agreements in place with NWT communities and has been working through these agreements in order to maximize local benefits from the ongoing work. To date, roughly 70% of the current expenditures in the NWT have been committed to local contractors and suppliers. Selwyn Chihong is committed to maximizing local benefits and developing local capacity for future work on the project.

Tłıcho Government Files Court Challenge to Amendments to the MVRMA

Grand Chief Eddie Erasmus announced on May 8 that the Tłıcho Government has filed a court challenge of Canada's recently enacted amendments to the *Mackenzie Valley Resource Management Act* ("MVRMA").

The MVRMA amendments were passed by Parliament on March 25, 2014 as part of Bill C-15, the *Northwest Territories Devolution Act*. The Tłıcho legal action claims that parts of the legislation, which attempt to dismantle the Wek'èezhìi Land and Water Board, breach of the Tłıcho Agreement and the honour of the Crown and unjustifiably infringe Tłıcho treaty rights.

Wek'èezhìi, which lies at the heart of the traditional territory of the Tłıcho, is the recognized area for land and water management set out in the Tłıcho Agreement. The Wek'èezhìi Land and Water Board makes land and water decisions in the region with equal representation from Tłıcho and Canada's appointees. It fulfills a key constitutional promise to the Tłıcho within the Tłıcho Agreement.

"We will protect Wek'èezhìi for as long as this land shall last. We can only do that if we are decision-makers and stewards in relation to Wek'èezhìi, today and into the future. Canada cannot simply ignore its constitutional promises to our people. We won't allow it and its truly upsetting that we are forced into the courts in order to uphold the Crown's honour," said Grand Chief Erasmus.

Since its creation over a decade ago, the Wek'èezhìi Land and Water Board has been recognized as a success by local communities, industry and Canada itself. It has incorporated Tłıcho traditional knowledge and perspectives into its decision-making and was recently awarded the 2014 Council of the Federation Excellence in Water Stewardship Award. Yet, despite its success, Canada has chosen a path that attempts to destroy this important institution, an institution that is fundamental to the Tłıcho Agreement.

"The Tłıcho Government rejects Canada's unilateral approach," added Grand Chief Erasmus. "We are Canada's treaty partner. We thought the days of the government in Ottawa thinking it 'knows best' about our lands, resources and future were over when we signed the Tłıcho Agreement. We won't go back to the days when outsiders made decisions about our future and that of Wek'èezhìi."

The Tłıcho Government is the governing authority within Tłıcho lands responsible for managing the rights and benefits provided under the Tłıcho Agreement. The Tłıcho Government has the power to pass and enforce its own laws, and has authority over the use, management, administration and protection of Tłıcho lands and renewable resources.

Conference Board's Economic Report Card highlights North

The Conference Board of Canada has launched a website that provides a report card of their assessment of Canada's quality of life compared with that of its peer countries. The Board looks at Canada's national and provincial performance relative to that of 15 other peer countries in six performance categories: Economy, Education and Skills, Innovation, Environment, Health, and Society.

The website is titled **How Canada Performs: A Report Card on Canada**, and some highlights of their report card include:

- Resource-rich Alberta, Saskatchewan, and Newfoundland and Labrador are the top performers among all the provinces and international peers—all three provinces score “A+” grades on the Economy report card.
- New Brunswick and Nova Scotia are at the back of the pack, with “D” grades overall.
- Most provinces, and Canada, are middle-of-the-pack performers, scoring high on some indicators but well below average on others.
- The territories, particularly Yukon and Nunavut, outperform most of the provinces on several Economy indicators.
- Alberta, Saskatchewan, and Newfoundland and Labrador score top grades in the latest Economy report card. Most provinces are middle-of-the-pack performers.
- Productivity is the single most important determinant of a country’s long-term prosperity. Canada and most provinces get “C” grades on labour productivity growth and Canada’s productivity gap with the U.S. continues to widen.
- Overall, Canada gets a “B” grade on the Economy report card, ranking 5th among the peer countries, and 8th overall. While Canada’s overall “B” is good, there is definitely room for improvement.

The report card provides the following comments on the NWT, Yukon and Nunavut:

- The Northwest Territories and Yukon have earned either “A+”, “A” or “B” grades on per capita income since the beginning of the 2000s. In fact, per capita income in the N.W.T. has been well above that of every Canadian province since the beginning of the 2000s, when data on the territory as separate from Nunavut started to become available. N.W.T.’s strong resource base, including diamonds as well as oil and gas, is the catalyst for its strong economy.
- Yukon’s economy is also largely resource based. Per capita income in Yukon has been above that of all provinces except Alberta since the mid-1980s.
- Nunavut’s per capita income is below levels in both the Northwest Territories and Yukon, but is still high by Canadian standards, surpassing the Canadian average in 2010, 2011, and 2012. Its economy is not as developed as the other two territories and, consequently, Nunavut’s overall GDP lags behind.
- The economic outlook remains positive for the territories over the next few years. Mining will be one of the most important economic drivers in Northern Canada in the years ahead. Several new mines are slated to open before the end of the decade in Nunavut, Yukon, and the Northwest Territories.

REPORT CARD			
Territories Perform Well on Economy Indicators			
	Yukon	N.W.T.	Nunavut
Income per capita	A+	A+	B
GDP growth	B	A	A+
Labour productivity growth	A	D-	A+
Unemployment rate	A	B	D
Employment growth	A+	C	A+
Inflation	A	A	A
Source: The Conference Board of Canada.			

Visit their website for more information by clicking [here](#).

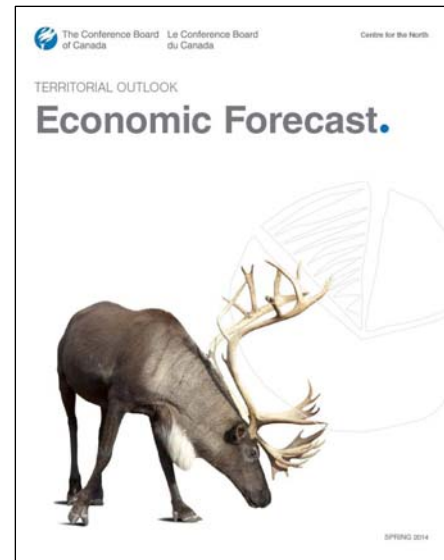
Territorial Economic Outlook good says Conference Board of Canada

The Conference Board of Canada's recently released *Territorial Outlook: Economic Forecast* indicates that while the mining industry will continue to be pressured by commodity prices, the economic outlook for Canada's three Northern territories is positive:

- **Nunavut Poised for More Balanced Growth:** The Mary River iron ore project and a number of public infrastructure projects will generate new jobs for Nunavut over the near term.
- **Big Projects are on the Horizon in the NWT:** The composition of growth in the NWT economy is changing as the diamond industry matures.
- **Yukon Investment Rebound to Boost Growth:** While the economy is still facing headwinds, the near-term outlook is looking generally more positive.

The report provides the economic and fiscal outlook for each of Canada's three Northern territories, including output by industry, labour markets, and demographics.

To learn more, click [here](#) or on the report thumbnail.



Community Training in Action: Mine-Related Training in Arviat, NU

(Story thanks to Keith Collier, Community Economic Development Officer, Arviat, NU)

On March 14, 2014, the Hamlet of Arviat celebrated the graduation of the first class of the Arviat Welding Trade Readiness Program. This 8-week program taught basic cuts and welds, safety, tool operation & maintenance, and blueprint reading. Developed with the support of Agnico-Eagle Mines Ltd. and the Kivalliq Mine Training Society, the Arviat Welding Trade Readiness Program is the latest training program the Hamlet of Arviat has offered to residents to open doors for Arviammiut in the mining industry.

Welding skills are always in high demand, and Agnico-Eagle Mines Ltd. committed to hiring three of the seven graduates. The Hamlet hopes that this program will not only allow students to work as welders or welder's helpers, but also go on to skilled trades such as Heavy Duty Equipment Mechanics and Millwrights – both in high demand in the mining industry.

From an economic development perspective, the mining industry in Nunavut has great potential for residents of Arviat. The Kivalliq



is home to Nunavut's only operating mine at Meadowbank, and with the Meliadine and Kiggavik Projects hopefully moving into production in the near future, mining is a great opportunity for employment and businesses in the region. Realizing this potential, in recent years the Hamlet of Arviat has largely focused their economic development activities on mine-related training to help Arviammiut take advantage of these opportunities.

In 2011, the Hamlet of Arviat partnered with Northern College of Kirkland Lake, Ontario, to offer a Surface Diamond Driller Assistant Common Core program. With the support of industry (particularly Agnico-Eagle Mines, Ltd., and drilling companies Boart-Longyear and Forage Orbit-Garant), government, and NGOs, the Hamlet purchased a surface diamond drill and equipment so that Arviat residents could complete this course at home. To date, the Hamlet has completed four intakes of this program, training 43 people as Surface Diamond Driller's Helpers for this entry-level but skilled position. A fifth intake is currently underway.

In response to industry requests and again in partnership with Northern College, the Hamlet of Arviat began offering a 3-week Work Readiness Program in 2013. This program prepares students for employment or continuing education by focusing on employer expectations, conflict management, personal goal setting, and interpersonal skills. This program has been very successful in getting Arviammiut motivated to successfully pursue employment and further educational opportunities.

Following on these successes, the Arviat Welding Trade Readiness Program is the latest program to be offered by the Hamlet of Arviat. Partners in our training programs have included the Government of Nunavut, Kivalliq Mine Training Society, Northern College, Nunavut Arctic College, Agnico-Eagle Mines, Ltd., Boart-Longyear Drilling, Forage Orbit-Garant Drilling, Kivalliq Partners in Development, and the Kivalliq Inuit Association.

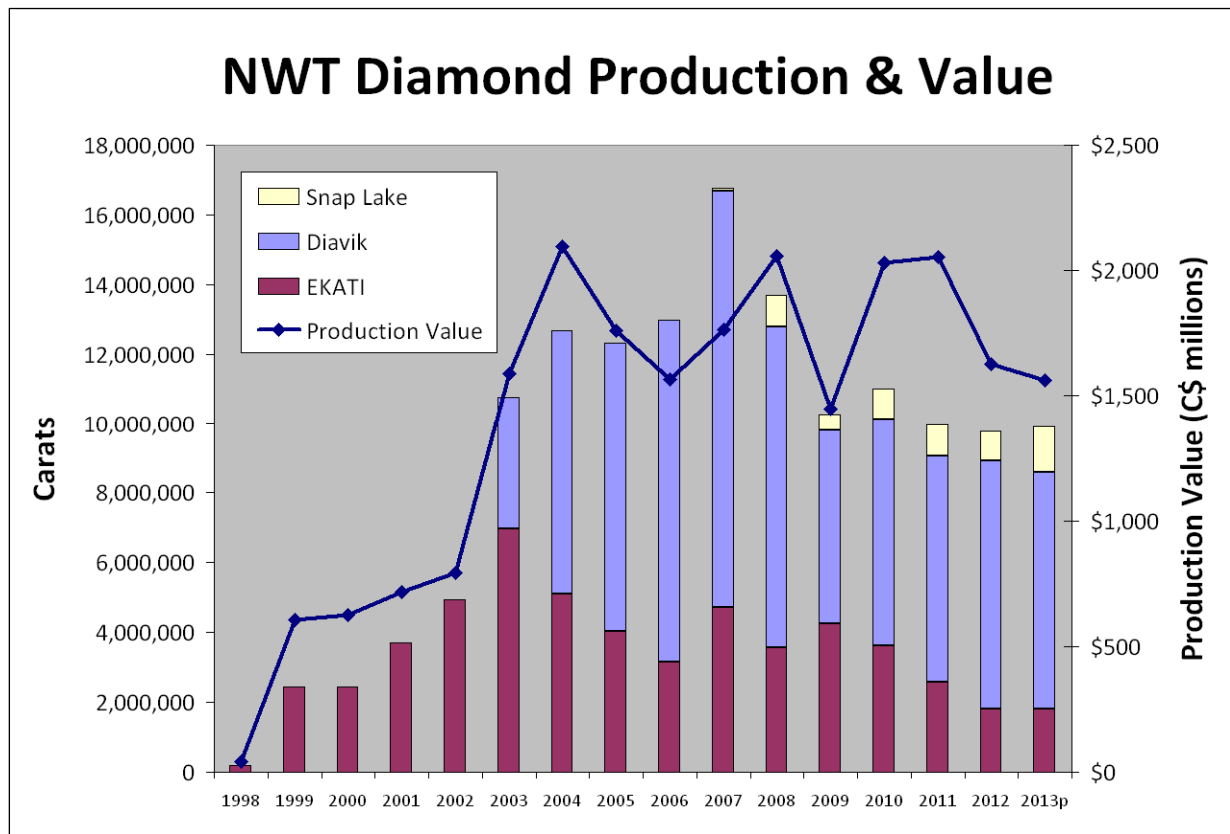
While the Hamlet of Arviat recognizes that one of our community's greatest assets is its traditional skills and knowledge, it also recognizes that our large, young, and rapidly growing population is going to dramatically increase the demand for employment in the near future.



While trying to maintain a balance with and respect for tradition, the Hamlet of Arviat is also proud of our commitment to helping Arviat find success in the rapidly growing mining industry in Nunavut.

NWT Diamond Production Update

A glimpse at the history of diamond productions statistics from the Northwest Territories reveals the growth of production from our first mine EKATI, to Diavik and then Snap Lake. Production numbers reveal why we call EKATI and Diavik world class deposits. Taken together, the three diamond mines have elevated the NWT to third place in the world by value of production. Note that diamond value is not always linked to production and reflects how different sizes and qualities of diamonds vary in demand and the prices received.



NWT Devo: Three more Aboriginal groups sign on

Three more Aboriginal groups – Acho Dene Koe First Nation (ADK) and Fort Liard Métis Local #67, Deninu K'ue First Nation (DKFN) and the Salt River First Nation (SRFN) – became parties to the Northwest Territories Devolution Agreement during a signing event at the Legislative Assembly in Yellowknife on May 26.

“This is a good time for us to sign on to this Devolution agreement,” said ADK Chief Harry Deneron. “We are speaking for Fort Liard, and for us, a lot has changed. We have reached an Agreement-in-Principle, and we are ready to move forward.”

“The signing of the Devolution Agreement is a positive step for Deninu K’ue First Nation. It will enable us to be more self-sufficient and create employment to improve the future for our youth,” said Chief Louis Balsillie. “The Devolution Agreement opens the doors for Deninu K’ue First Nation to finally benefit from the resource development occurring within Akaitcho Territory and across the Northwest Territories.”

“This is a historic day for the Salt River First Nation. The signing of the Devolution Agreement has been a work in progress, and today we are accomplishing our Salt River First Nation mandate as a separate entity with the Government of the Northwest Territories,” said Chief Frieda Martselos.

“Now that devolution has been implemented, it remains important to the Northwest Territories that Aboriginal governments are able to participate and benefit,” said Premier McLeod. “I am very pleased to have the Acho Dene Koe First Nation and Fort Liard Métis, the Deninu K’ue First Nation, and the Salt River First Nation join as parties to the agreement”.

With today’s announcement, the ADK and Fort Liard Métis Local #67, the DKFN and the SRFN will join the Inuvialuit Regional Corporation, NWT Métis Nation, Sahtu Secretariat Incorporated, Gwich’in Tribal Council and Tłı̨chǫ Government as parties to devolution along with the Governments of Canada and the Northwest Territories. This represents a majority of northern Aboriginal land claim groups that have now support devolution.

Grand opening of NWT Diamond Centre in Yellowknife

Since Yellowknife declares itself the Diamond Capital of North America™, what better place to show off diamonds! On May 22, Crossworks Manufacturing Ltd. hosted the grand opening of their NWT Diamond Centre. The Centre, which is owned and operated by Crossworks, is an added draw for tourists interested in seeing the journey diamonds make from mine to market.

Minister of Industry, Tourism and Investment David Ramsay was in attendance for the opening. “The opening of this centre marks a new and exciting chapter in our diamond story,” said Minister Ramsay. “On behalf of the Government of the Northwest Territories, I would like to congratulate Crossworks Manufacturing Ltd. on the superb job they’ve done in developing their Diamond Centre. This is an important step forward for our diamond economy.”

“Our polishing facility has been in operation since 2008, and I am thrilled to enhance our presence in Yellowknife with the opening of the NWT Diamond Centre. It is my hope it informs people of all the work that goes into bringing these rare, rough diamonds from the mine to their beautiful final state,” said Uri Ariel, President, Crossworks Manufacturing Ltd.



L to R: Uri Ariel, President, Crossworks Manufacturing Ltd, ITI Minister David Ramsay, and Dylan Dix, Marketing Director of Crossworks

The NWT Diamond Centre, located in Yellowknife's downtown core on 5109 49th Street, includes a small theatre room and several exhibits. Visitors to the centre also have the opportunity to purchase locally mined diamonds.

The new centre is an opportunity to raise awareness of the NWT's socially and environmentally responsible mining practices and world class diamonds produced in the territory.



The Crossworks Manufacturing Ltd. plant has been in operation in Yellowknife since 2008. Crossworks is regarded as one of the pre-eminent manufacturers of branded Canadian diamonds and is currently the largest manufacturer of branded Canadian diamonds in the world. Owned by HRA Diamond Group, you can learn more here: www.hragroup.com.

New Mine Training Coordinator at Sanatuliqsarvik Trades Centre

Stephanie Lachance is the new Mine Training Coordinator with the "Sanatuliqsarvik" Trades Centre in Rankin Inlet. Sanatuliqsarvik is the centre for Trades & Technology Training with Nunavut Arctic College.

Stephanie's immediate plans are to compile data to identify what the training needs are for all the regions of Nunavut in the Mining industry. This includes meeting with organizations to identify what employment opportunities are currently, and will become available and to ensure that the school runs appropriate mine training programs in Nunavut.

The position has been vacant since 2011.

For the past eight years Stephanie worked for the Government of Nunavut (GN) Human Resources Department. Her role involved assisting in employing various positions for all GN departments within the Kivalliq region. She also ran training workshops to GN employees in regards to staffing. As a Manager, she was responsible for overseeing the delivery of recruitment, relocation and training development services for GN departments in the Kivalliq region and provided employee relations support.



Stephanie officially moved into her new role on May 5th. We congratulate Stephanie! Her strong background in HR will serve the facility and our industry well.

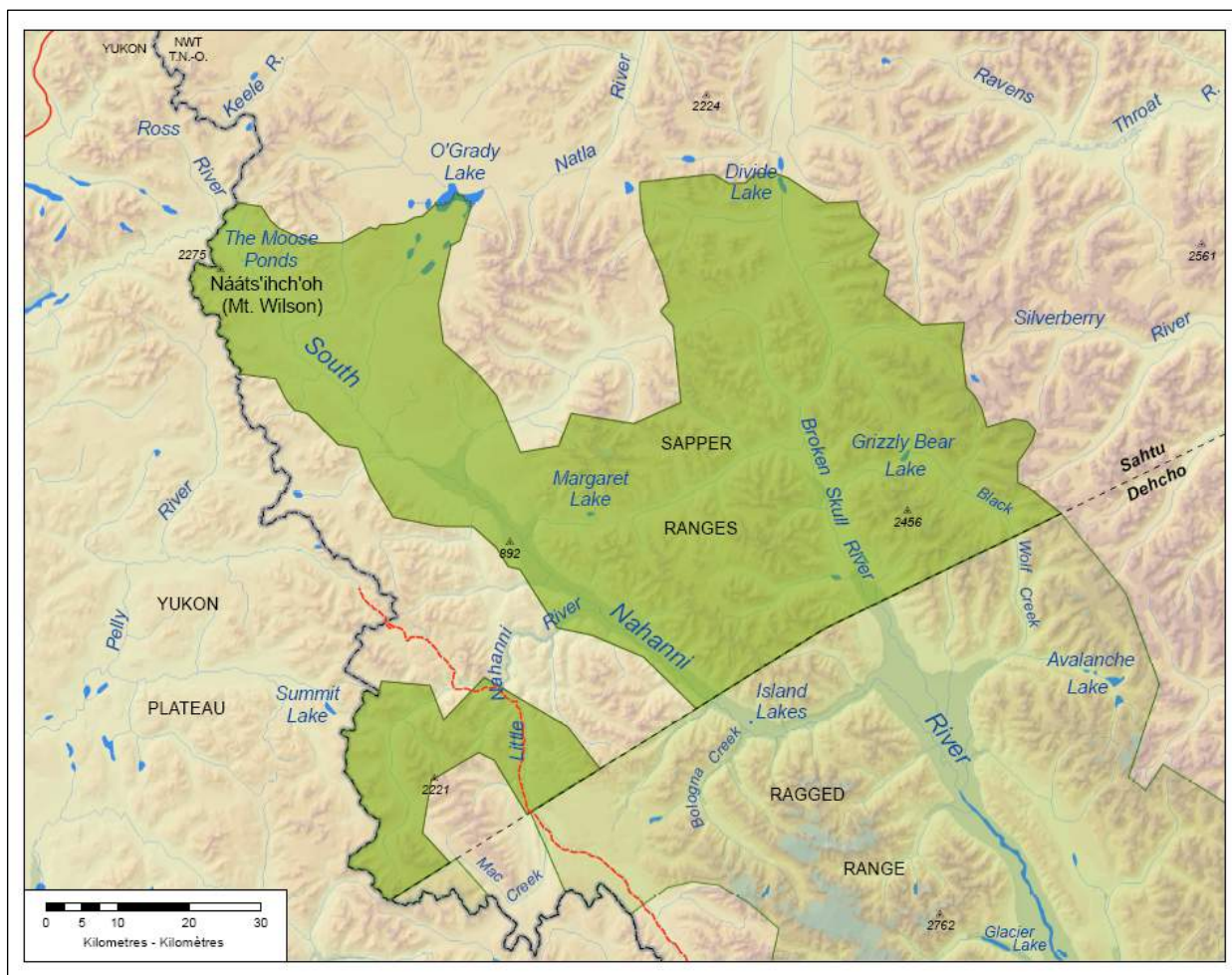
People wanting to contact Stephanie can do so at Tel: (867) 645-4850 ext 7955 or email: Stephanie.lachance@arcticcollege.ca

Chamber supports New Naats'ihch'oh National Park as Reasonable Balance

In 2012, the Chamber of Mines expressed its support for the establishment of the Naats'ihch'oh National Park Reserve in the Sahtu Region of the western Northwest Territories. The Chamber is pleased to support Federal Bill S-5 introduced on May 14 in the Senate of Canada to formally establish the park.

The Mineral and Energy Resource Assessment completed by the Geological Survey of Canada (GSC) as part of the park establishment process documented many areas of significant mineral potential within the Mackenzie Mountains Cordillera, the region that surrounds and includes the Naats'ihch'oh Park Reserve area. The GSC's work was taken into account by the Government of Canada in making the final boundary decision.

"As we said when the Prime Minister announced Naats'ihch'oh in 2012, the Chamber of Mines supports the development of park boundaries that exclude known resource-rich areas so that northerners and all Canadians might take full advantage of future economic opportunities," said Chamber President Brooke Clements. "We are pleased that the significant mineral potential documented under the GSC mineral assessment has been taken into account in the boundary selection, and that the Minister is authorized to provide road access through the park to access resources in the future. Non-renewable mineral resources are the anchor of the



NWT's economy, and will provide socio-economic opportunities for future generations."

Naats'ihch'oh complements and adjoins the already established Nahanni National Park Reserve. Together they create a contiguous 35,000 square kilometre national park, one of Canada's largest. The park was established to protect the unique environmental, wildlife and geographic values of the Nahanni watershed.

AREVA Completes Winter Haul to Kiggavik Project Site

The winter haul in preparation for AREVA's 2014 summer field exploration program at the Kiggavik Project began on March 12 with Peter's Expediting Limited (PEL) breaking trail.

The haul started with the transport of five "Seacan" containers full of drilling and camp supplies to the Kiggavik site. During the return trips from Kiggavik to Baker Lake, PEL brought back four containers containing scrap materials and one trailer with used drill rods. This material will be sent to licensed disposal sites in the south during the upcoming open water barge season.

PEL then began hauling fuel to the site. About 100,000 liters of Jet A fuel along with 110,000 liters of diesel fuel was transported to the AREVA fuel cache and pumped into large Envirotanks.

A good trail was established and the haul was going well, but with the warmer weather fast approaching PEL thought it safer to request some help to complete the fuel haul in good time.

M&T Enterprises from Rankin Inlet responded to the call and was able to bring its equipment to finish the fuel haul and transport the remainder of the drill supplies, such as core boxes, core racks, and bundles of drill rods.

The final trip of the winter haul took place on April 27 with a load of drill rods. In total, there were 16 trips consisting of 30 loads of freight transported to the Kiggavik Site in just over six weeks.

Thanks to the successful winter haul, the site will now be ready for the summer exploration field season to start in early June. *(excerpted from Areva Resources Community Update, May 2014)*



Peter's Expediting Limited (PEL) of Baker Lake and M&T Enterprises from Rankin Inlet completed Areva's winter road haul.

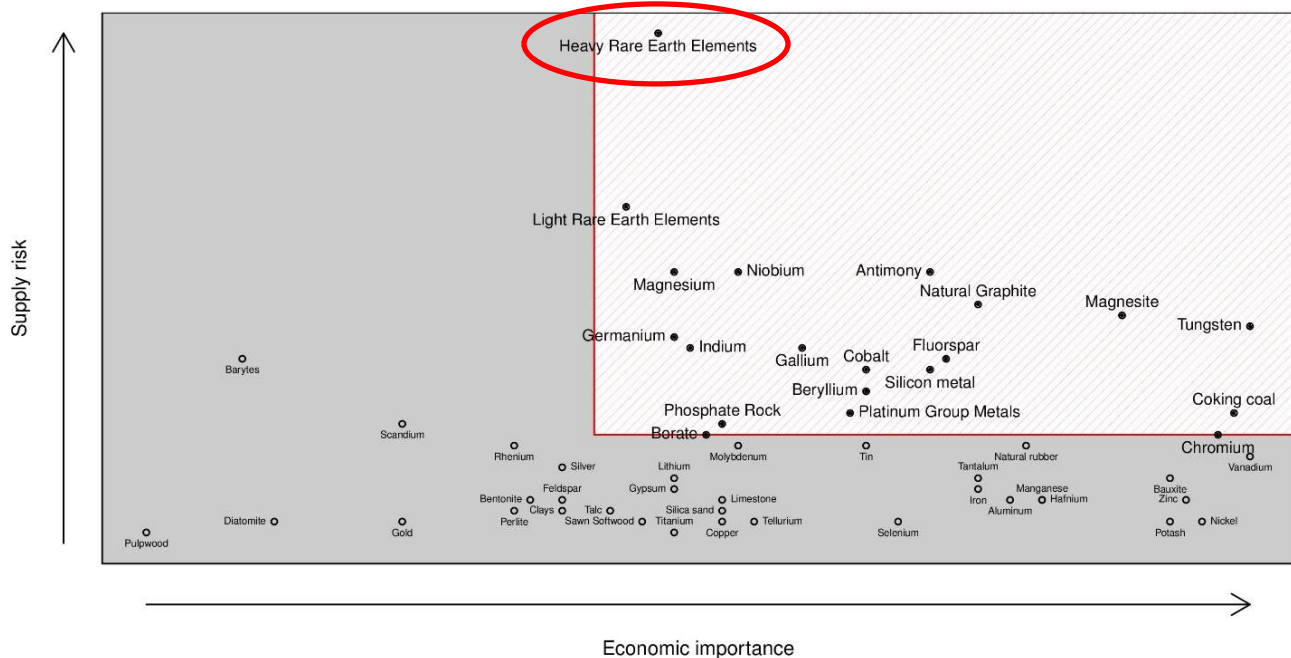
NWT's own rare earth elements are critical raw materials for the EU

Heavy rare earth elements (REE) rated highest as a critical raw material in the European Union's recently released *Report on Critical Raw Materials for the EU*, which deems some 20 raw materials fundamental to Europe's economy, essential for maintaining and improving quality of life, but where supply is somehow limited. Securing reliable and undistorted access of certain raw materials is of growing concern within the EU and across the globe. Light REE are also high on the list.

The conclusion that can be drawn from this analysis is that a rare earth supply chain outside China is still required, as China's monopoly still presents a significant supply risk for consumers in the EU.

This bodes well for the NWT's own REE Nechalacho deposit which Avalon Rare Metals is advancing to become a mine. Heavy REE are its economic advantage.

To read the press release sent out by the European Commission reviewing the *Report on Critical Raw Materials for the EU*, visit: [http://europa.eu/rapid/press-release MEMO-14-377_en.htm?locale=en](http://europa.eu/rapid/press-release_MEMO-14-377_en.htm?locale=en).



Graph sourced from the *Report on Critical Raw Materials for the EU* (May 2014, page 24)

Report: Confusion over duty to consult obstructs benefits for Aboriginal peoples

Prof. Dwight Newman debunks myths about the legal doctrine and finds opportunities for government, Aboriginal peoples and industry to work together

The Macdonald-Laurier Institute has released a new report addressing the duty to consult. Few Aboriginal issues have been as greatly misunderstood as the constitutional “duty to consult” doctrine.

Some feel the principle that requires governments to consult with Aboriginal groups before implementing decisions that might affect them gives First Nations a veto power over government policies. Others contend that the doctrine is meaningless because governments have the power to go ahead and approve projects anyway. These interpretations are not only incorrect, they also hold these groups back from capitalizing on Canada’s potential, according to a new report from the Macdonald-Laurier Institute titled [“The Rule and the Role of Law: The duty to consult, Aboriginal communities, and the Canadian natural resource sector”](#).

The report, by Canada Research Chair in Indigenous Rights in Constitutional and International law Dwight Newman, argues that governments, Aboriginals and businesses should use the doctrine as a mechanism to work collaboratively on natural resource development.

“Canada’s massive resource potential, and its potential to contribute to Aboriginal Canadians, should not be squandered by allowing loud voices to dominate discussions while trading in misunderstandings”, he writes.

One of the main issues plaguing the duty to consult, which first came into effect as a result of a Supreme Court decision a decade ago, is the confusion over how it affects policy decisions. Many feel that Aboriginal groups will wield a narrow interpretation of the case law built up around the doctrine to consistently block resource development, highlighting disputes such as anti-fracking protests in New Brunswick or legal confrontations over the Ring of Fire in Ontario. That’s despite the fact that many Aboriginals, such as members of the Fort McKay First Nation in Alberta, have expressed a desire to participate in resource development as long as their interests are represented.

Newman argues that governments, Aboriginals and businesses should use the doctrine as a “lever” that causes them “to come to an agreement over resource projects that benefit all parties”. This means interpreting the duty to consult in less technical ways. History has shown that narrow interpretations of the doctrine aren’t particularly beneficial, he says. “Those who attempt to draw upon the spirit of the duty to consult may well attain better outcomes than those who attempt to follow the letter of the law”, Newman writes.

The courts also have a responsibility for ensuring that the doctrine functions smoothly, Newman argues. He believes that judges need to be very cautious in expanding the duty to consult because that will limit governments’ flexibility in implementing policies, such as approving energy pipelines that affect Aboriginal communities. He also cautions that extending the duty to consult to drafting legislation, especially at the federal level with more than 600 First Nations, Inuit and Métis communities potentially impacted, would seriously complicate

law making and have unintended consequences that may actually work counter to its purpose of improving life for Aboriginal Canadians.

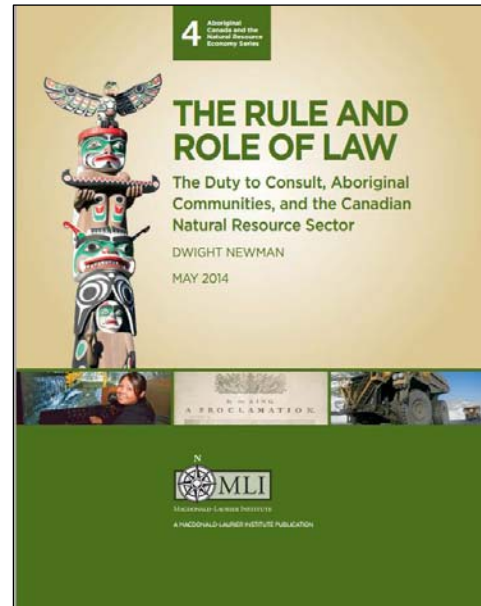
A proper understanding of the duty to consult has grown in importance since Shawn Atleo's resignation as the chief of the Assembly of First Nations last week. Divisions within Aboriginal communities, such as the varying opinions on education issues within the AFN that caused him to step down, will potentially make it more difficult for governments to carry out their duty to consult in the future.

"The prospect of the kind of less coherent approach to consultation urged by more radical voices carries serious risks of blocking important, badly needed reforms that are in the interests of First Nations children", wrote Newman in an op-ed published in the Globe and Mail earlier this week.

Dwight Newman is the Canada Research Chair in Indigenous Rights in Constitutional and International law at the University of Saskatchewan. His new book, *Revisiting the Duty to Consult Aboriginal Peoples*, is set to be released by Purich Publishing in May.

The Macdonald-Laurier Institute is the only non-partisan, independent national public policy think tank in Ottawa focusing on the full range of issues that fall under the jurisdiction of the federal government.

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



Northern Mining News is written and published by the
NWT & Nunavut Chamber of Mines
for free distribution electronically to
those interested in the northern minerals industry.

For further information contact us at:
PO Box 2818, Yellowknife, NT X1A 2R1
Email: info@miningnorth.com
Website: www.miningnorth.com

Member News Releases this past month

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

- 4 June 2014, [Mandalay Resources to Acquire Elgin Mining](#)
- 3 June 2014, [Baffinland sponsored lunch program at Nasivvik High School in Pond Inlet](#)
- 3 June 2014, [Nighthawk Proposes Private Placement for up to \\$5,000,000](#)
- 2 June 2014, [TerraX drills 10.02 m @ 4.17 g/t Au, inclusive of 2.89 m @ 10.88 g/t Au at Crestaurum Zone, Yellowknife City Gold Project](#)
- 30 May 2014, [Copper North Announces Results of Preliminary Economic Assessment of Gold and Silver Recovery at Carmacks Copper](#)
- 30 May 2014, [Kivalliq Announces Results of Annual General Meeting](#)
- 30 May 2014, [Fortune Minerals NICO gold-cobalt-bismuth-copper project featured in current issue of Resource World](#)
- 30 May 2014, [MMG releases its 2013 Sustainability Report](#)
- 28 May 2014, [AVALON INDUSTRY BULLETIN: Rare earths, particularly heavy rare earths, profiled in recent Report on Critical Raw Materials for the EU](#)
- 28 May 2014, [Mountain Province Diamonds Announces Non-Brokered Private Placement](#)
- 28 May 2014, [Avalon Industry Bulletin: Rare earths, particularly heavy rare earths, profiled in recent Report on Critical Raw Materials for the EU](#)
- 28 May 2014, [Agnico Eagle Announces Sale of Sulliden Shares](#)
- 28 May 2014, [Dominion Diamond Corporation's Fiscal 2015 First Quarter Results to be released Wednesday, June 11, 2014](#)
- 28 May 2014, [Avalon Provides Update on Separation Rapids and East Kemptville Projects and Announces New Staff Appointment](#)
- 26 May 2014, [Commander Optionee Enters Discussions for Potential JV on Storm Copper Project](#)
- 23 May 2014, [Stornoway Announces Closing Of C\\$132 Million Public Offering Of Subscription Receipts And C\\$242 Million Private Placement Of Subscription Receipts](#)
- 22 May 2014, [North Arrow Completes Spring Exploration at Redemption, NWT](#)
- 21 May 2014, [Kivalliq Partners With Westham to Explore Genesis Property in Northeastern Saskatchewan](#)
- 21 May 2014, [Canterra Announces \\$2 Million Financing](#)
- 20 May 2014, [Dominion Diamond Corporation reports First Quarter 2015 Sales and Production Update](#)
- 16 May 2014, [Canadian Zinc Reports Financial Results for First Quarter 2014](#)
- 14 May 2014, [Mountain Province Diamonds Files Gahcho Kué Project 2014 Feasibility Study Report](#)
- 14 May 2014, [Sabina Gold & Silver Announces Q1 2014 Financial Results](#)
- 13 May 2014, [Advanced Explorations Inc. and Parkson Star Ltd. \(HK\) Agree to Form Strategic Joint Venture to Advance the Roche Bay Iron Ore Project](#)
- 13 May 2014, [Sabina Gold & Silver Announces Sale of Newman-Madsen, Ontario Assets](#)
- 13 May 2014, [TMAC Resources Commences 2014 Hope Bay Programs and Appoints Russ Cranswick to its Board](#)
- 13 May 2014, [Fortune Minerals Audiocast of Conference Call on Revenue Silver Acquisition](#)
- 13 May 2014, [Seabridge Gold Files First Quarter 2014 Financial Statements and MD&A](#)
- 12 May 2014, [TerraX drills 71 m of sulphide mineralization in felsic volcanics in Hole TNB14-004 at Homer Lake base metal target, Yellowknife City Gold Project](#)

- 12 May 2014, [West Melville confirms high grade copper on the Alex Property, Sonora, Mexico](#)
- 12 May 2014, [Fortune Minerals Announces Conference Call on Revenue Silver Acquisition](#)
- 12 May 2014, [North Arrow Updates Timiskaming, Luxx And Mel Diamond Projects](#)
- 11 May 2014, [Fortune Minerals to acquire Revenue Silver Mine in U.S.A.](#)
- 9 May 2014, [Nighthawk Announces Completion of Share Consolidation](#)
- 7 May 2014, [Fortune Minerals files technical report for NICO project](#)
- 7 May 2014, [Peregrine Reports 7.47 Million Carat Inferred Resource For The Top 250 Metres Of The CH-6 Kimberlite And Tonnage Estimates For CH-7 And CH-44](#)
- 6 May 2014, [Olivut Resources Ltd.- Exploration and Funding Update](#)
- 5 May 2014, [Fortune Minerals reports first quarter financial results](#)
- 2 May 2014, [Agnico Eagle Announces Election of Directors](#)
- 1 May 2014, [Baffinland wins 2014 Canadian North Nunavut Mining Award](#)
- 1 May 2014, [TMAC Resources Completes \\$78 Million Equity Financing to Further Advance the Hope Bay Project](#)
- 1 May 2014, [Agnico Eagle reports first quarter 2014 operating and financial results - Record quarterly gold production builds on 2013 operational success](#)
- 1 May 2014, [Seabridge Gold Publishes 2013 Annual Report](#)
- 30 April 2014, [Avalon Receives Land Use Permit to Start Pre-Construction at the Nechalacho Rare Earth Elements Project](#)

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:

- **Ile Royale Enterprises Ltd.**, a northern based strategic consultant to natural resource companies and Aboriginal groups implementing economic development opportunities arising from natural resource opportunities and land claims. The firm advises stakeholders and helps implement: community engagement plans, timely permitting, and corporate social responsibility programs, as well as develops strategic alliances between multiple stakeholders and developers. Contact President David Connelly at dconnelly@ileroyale.com.

Calendar of Events

- **Canadian Aboriginal Minerals Association**, 22nd Annual Conference: ***Seeking Certainty, Mining New Ground***, November 16-18, 2014, Toronto. To learn more, visit: <http://www.aboriginalminerals.com/>
- **2014 Yukon Geoscience Forum & Trade Show**, Coast High Country Inn, Whitehorse, YT, November 16-19, 2014. For more, click [here](#).
- **Yellowknife Geoscience Forum**, 42nd Annual Conference and Tradeshow (the North's biggest!), November 25-27, Yellowknife, NT. Watch for updates coming soon on the website here. <http://www.geoscienceforum.com/>.

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 1,500. Mine life currently 2020, but if approved, mining the Jay pipe could extend it 10-20 years.	May 20 news release: Dominion Diamond Corporation reports First Quarter 2015 Sales and Production Update. Ekati production for the quarter is 24% ahead of target; In May, DDC filed notice of change to modify the Environmental Assessment by removing the Cardinal pipe from the sustainability (extended mine life) project and reduce it to just the Jay pipe.
Diavik Mine	Rio Tinto and 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 million carats of diamonds from the processing of approximately 22 million tonnes of kimberlite and has transitioned from an open pit operation to a fully underground mine.	May 20 Q1 DDC news release reports that Diavik production is 13% ahead of target during the first calendar quarter of 2015.
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. Change to water license to undergo environmental assessment.
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. Mine operations were generally stable during fiscal 2013 with similar levels of feed grade and slightly improved metallurgical recovery; while tons milled and MTUs produced increased compared to fiscal 2012.	Feb 25 news release announced a net loss of \$4.5 million or \$0.02 per share for the three months ended December 31, 2013 ("Q1 2014") compared to a net loss of \$4.0 million or \$0.02 per share for the comparable quarter in fiscal 2013 ("Q1 2013"). The Company is on track to complete by mid-year improvements to the mill with potential to enhance production by up to 20% and implementation of a permanent waste water treatment plant to improve its long term tailings management.
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.	Feb 14 announced Participation Agreement signed with Northwest Territory Métis Nation. March 3 announced Avalon has entered into an agreement to have Solvay process Avalon's rare earth concentrate into pure rare earth oxides for an anticipated period of 10 years from the start of deliveries to Solvay's rare earth separation and refining plant located in La Rochelle, France. In addition, effective immediately, Solvay will provide Avalon with technical support for the further design optimization, engineering and commissioning of Avalon's hydrometallurgical processing plant.
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	March April 2 news release: Fortune releases updated feasibility study and mineral reserve. April
Yellowknife	Tyhee Corp	Gold	Proposed open pit and	Mar 21 news release: Santa Fe Gold

NWT & Nunavut Chamber of Mines – Northern Mining News

Gold			underground mine of 2 deposits (Ormsby and Nicholas Lake) about 90 km NE of Yellowknife. Estimated 4,000 tpd. Est. mine jobs: 238	Terminates Proposed Agreement And Plan To Merge With Tyhee. Tyhee has submitted two land use permit renewals: Clan Lake (MV2014C0003) and Goodwin Lake (MV2014C0004). As such, they are being processed at the same time, but have separate reviews through the ORS. Tyhee requested the renewal be exempt from preliminary screening in an email dated Monday January 20, 2014. Board staff believes the LUP Application is exempt from preliminary screening. The Board will meet to confirm the Application is exempt from preliminary screening prior to making a decision on the Application.
Prairie Creek	Canadian Zinc Corporation	Zinc-lead-silver	Proposed underground mine 120 km west of Ft. Simpson. Estimated mine jobs: 220 All permits now in place to construct and operate the mine. Completion of an optimized feasibility study and conclusion of a project financing package is expected in H1/14.	News release May 16: To further build on and refine the Pre-Feasibility Study ("PFS") completed by SNC-Lavalin Inc. in 2012 CZN has engaged in an Optimization Study with a view to augmenting what has already been completed during and after the PFS. Canadian Zinc and TT have now issued a number of mine site packages for competitive tender to qualified bidders, giving full recognition to opportunities for participation by local First Nations and adjacent communities. On April 16, CZN filed application to regulatory authorities to build an all-weather road to closely align with the originally permitted seasonal winter road.
Gahcho Kué	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360. First production on schedule for Q3 2016. Peak construction workforce 700.	May 14 release: Mountain Province Diamonds Files Gahcho Kué Project 2014 Feasibility Study Report. Capex \$859m, opex \$218m, diamond value \$150/carat, average annual production \$666m.
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	News release March 28: Tamerlane Receives Positive NI 43-101 Updated Summary Technical Report for 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	April 1 news release: Record quarterly gold production at Meadowbank - 156,444 ounces at a total cash cost of \$434 per ounce Agnico's higher level of production in the 2014 period was primarily due to higher grades at Meadowbank. Company invested approximately \$8.0 million in accelerated waste stripping at the Vault deposit at Meadowbank.
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	Minister approved Early Revenue Phase (ERP), April 26, 2014; Minister accepted NPC's recommendation to amend the North Baffin Regional Land Use Plan to include a transportation corridor for Milne Inlet tote road; Anticipate production from ERP to begin September, 2014.
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, TMAC plans to conduct PFS by early 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	NIRB accepts Final EIS May 21, 2014; Deadline for submission of IRs is July 21, 2014; Public Hearing scheduled for August 21 – 27, 2014.
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.
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	NIRB confirms DEIS conformity; Updated mineral resource with increase in overall contained Au from 304,000 ounces at 4.4 g/t Au and 2,168 kt to 1,714,000 ounces at 5.2 g/t Au and 10,210 kt for open pit; Responses to IR's due by July 23, 2014.
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	Pre-feasibility Study initiated in September, 2012; Submission of DEIS scheduled for Q3, 2013. 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, and will provide revised project description to NIRB by December, 2013.

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	TMAC Release May 1 TMAC Resources Completes \$78 Million Equity Financing to Further Advance the Hope Bay Project
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	News release May 13: Advanced Explorations Inc. and Parkson Star Ltd. (HK) Agree to Form Strategic Joint Venture to Advance the Roche Bay Iron Ore Project.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 61 known diamond-hosting formations.	Inferred Mineral Resource of 7.47 million carats of diamonds in 2.89 million tonnes of kimberlite to a depth of 250 m; Grade of 2.58 carats/tonne; Average diamond price of US\$213/carats and a modelled price range between US\$163 and US\$236carats/t as determined by WWW Intl' Diamond Consultants in February 2014.
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.	Mini-bulk sample for preliminary diamond value planned for summer 2014; 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 Inc.	Gold, silver	Located SE of Kugluktuk. Lupin mine: past production; 3.7 million oz. ULU deposit: indicated mineral resource; 751,000 tonnes	June 4 News release. Elgin is being acquired by Mandalay Resources.

Detailed Deposit Map

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



Project Maps

