

Northern Mining News

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From the Executive Director ...

What a full issue this month! So full, that there’s no room for my proselytizing. ☺ So quickly, some highlights: NWT Mineral Development Action Plan, Nunavut Prospectors Program, NU and NWT projects advancing, Cantung mine life extended, global exploration budgets down, and see all of our new members!

Don’t forget to come to the Geoscience Forum, November 25-27 in Yellowknife!

Happy reading. ... TWH

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

NWT Government releases Mineral Development Action Plan

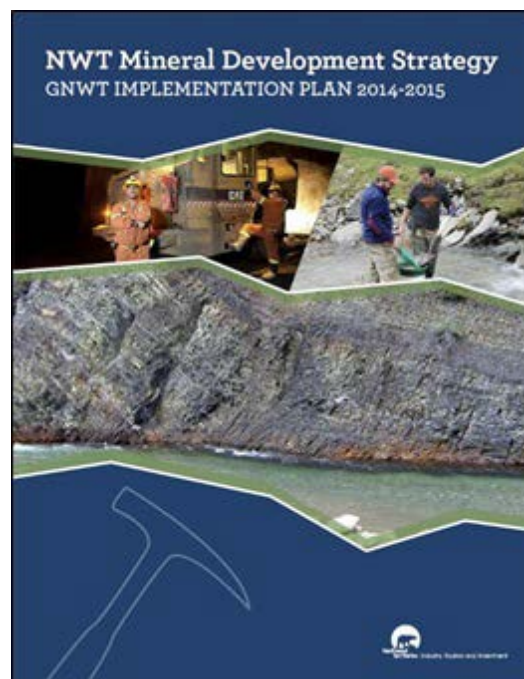
On October 3, in a powerful statement to show that the NWT is “open for business”, the Government of the NWT (GNWT) unveiled *GNWT Implementation Plan 2014-2015*, its first annual plan to support the *NWT Mineral Development Strategy* with appropriate actions to ensure the continued growth of the NWT minerals industry.

According to Brooke Clements, President of the NWT & Nunavut Chamber of Mines, “This implementation plan lays out the first tangible actions that are designed to improve the investment climate for mining and exploration companies in the NWT. We are hopeful that these actions will help support the continued growth of the NWT mineral resource industry. A healthy and growing mineral industry will help ensure that sustainable and long-term benefits continue to accrue to all residents of the NWT.”

In his Minister’s Message, NWT Minister of Industry, Tourism and Investment David Ramsay stated, “Through a partnership effort with the NWT and Nunavut Chamber of Mines, we were proud to release the NWT Mineral Development Strategy in the fall of 2013. This Implementation Plan puts that Strategy into action by establishing concrete goals, objectives, and timelines. Putting these initiatives in place will set the wheels in motion to restore a positive investment climate, which is important if we are to discover new deposits and establish new mines to sustain and grow our economy.”

Some highlights of the implementation plan include:

- **Mining Incentive Plan:** Delivering a plan to encourage exploration with initial funding of \$400,000 to prospectors and exploration companies;
- **Geoscience Investment:** Providing an additional \$650,000 in geoscience research investment in each of the next two years with highlights including detailed mapping programs and state of the art information dissemination;
- **Infrastructure Planning:** Investing in infrastructure planning including \$31 million for a 3-year energy program, \$600 million for a 10-year strategic transportation plan, and \$200,000 in the coming year for a resource access corridor study for the Slave Geological Province;
- **NWT Minerals Marketing Campaign:** A marketing campaign to inform investors that the NWT is ‘open for business’;
- **Approvals Process Guidance for Proponents:** The creation of a ‘Pathfinder Support Service’ through a new Client Services and Community Relations Unit within government designed to provide hands-on expert assistance for industry to efficiently



navigate the regulatory process, effectively engage and consult with Aboriginal groups, and to provide clear and concise pathway documents for industry to follow;

- **Support for Communities Working with Industry:** Providing funding to help communities in developing capacity building plans and Engagement Roadmaps for working with industry to help them to better participate in, and benefit from, exploration and development;
- **Mineral Industry – Local Business Matchmaking:** Creating a new position of Northern Mineral Business Officer to connect NWT businesses to mineral industry representatives to facilitate potential contract opportunities for local businesses;
- **Geoscience Field Skills Training & Career Awareness:** A Geoscience Field Assistant training program, and the creation of a new position of Career Liaison Coordinator to increase NWT student awareness of the many career opportunities available in mineral exploration and mining; and
- **Mineral Workforce Development Strategy:** Working with the Mine Training Society and Aboriginal, Territorial and Federal governments to secure funding for a Pan-Territorial Northern Mineral Workforce Development Strategy.

The *GNWT Implementation Plan 2014-2015* describes a variety of actions under the Mineral Development Strategy's five pillars:

- 1) *Creating a competitive edge,*
- 2) *Establishing a new regulatory environment for the NWT,*
- 3) *Enhancing Aboriginal engagement and capacity,*
- 4) *Promoting sustainability, and*
- 5) *Enriching workforce development and public awareness.*

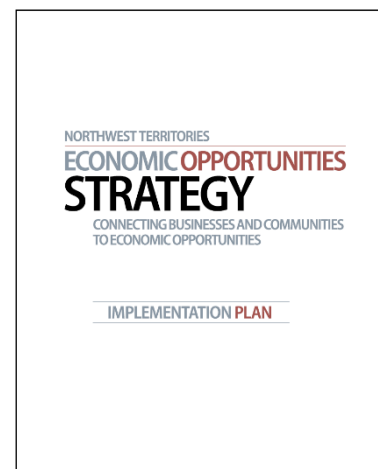
GNWT Implementation Plan 2014-2015 is a living document that can be adjusted annually to meet changing needs and it is available for download on the GNWT-ITI website by clicking [here](#). A Performance Management Plan and Results Reporting document will track the GNWT's performance to help ensure the Plan is meeting its objectives. The *NWT Mineral Development Strategy* can be downloaded [here](#).

GNWT releases Economic Development Implementation Plan, too

The NWT Government has also issued an action plan for their Economic Opportunities Strategy.

The [EOS Implementation Plan](#) maps out the priorities, methods and resources to address the 117 recommended actions outlined in the Strategy.

The goals are to support the territory's small business community; grow a stable and attractive entrepreneurial environment; pursue major investment projects; and attract, retain and prepare residents to be active participants in the prosperous and sustainable new economic environment that we are building.



Senate unanimously passes Bill S-6 and Nunavut Regulatory Improvement Act

The Senate Standing Committee on Energy, the Environment and Natural Resources was tasked with reviewing Bill S-6 *"The Yukon Environmental and Socio-economic Assessment Act and the Nunavut Waters and Surface Rights Tribunal Act"*. The Committee has completed its review and referred the Bill back to the House of Commons "without amendment".

With members' support, the Chamber participated in the critique of this Bill, provided the Standing Committee with a [written submission](#), and Chamber representatives Adam Chamberlain and Elizabeth Kingston made an in-person [presentation](#) to the Committee in Ottawa on October 2nd. Although several issues and recommendations to Part 2 of the Bill were raised, the key concerns were the new interpretation of "Water Use" being unnecessarily restrictive, and "Cost Recovery" representing an added impediment to the already costly Northern regime.

Although we are disappointed that our genuine and constructive comments regarding these issues have not been recognized by the Senate Committee, the Chamber will continue to advocate for reasonable measures to ensure the Bill can be an incentive for increased mineral investment in Nunavut. The Chamber will seek opportunities for more meaningful consultation with the House of Commons Standing Committee and with the Federal Government as accompanying Regulations are created.

Canadian Zinc Starts Underground Program at Prairie Creek

On October 7, Canadian Zinc Corporation announced the start-up of its underground program at its Prairie Creek zinc, lead, silver mine located in the Northwest Territories.

Following a tender process, Procon Mining and Tunneling Ltd., ("Procon"), has been awarded the contract to carry out mine rehabilitation, exploration, mine development and initial production at the Prairie Creek Mine.

The Contract was signed at ceremonies held Monday in the Company's office in Fort Simpson, and in Nahanni Butte, NWT, to mark the occasion. Attendees included representatives of the local communities of Nahanni Butte and Fort Simpson, the President of Procon Mining, Jim Dales, and the Minister of Industry, Tourism and Investment of the Government of the Northwest Territories, the Honourable David Ramsay.

Alan Taylor, Chief Operating Officer of Canadian Zinc said, "We are excited to be getting back to work underground and to be again working with Procon. This program marks the next step towards production at the Prairie Creek Mine".

"This is the first mining project for the Dehcho and I look forward to residents and businesses seeing the benefits of a producing mine in their region," said Minister Ramsay. "Canadian Zinc is committed to maximizing Aboriginal and local employment and creating opportunities for northern businesses."

A [socio-economic agreement](#) (SEA) was signed between CZN and the Government of the Northwest Territories (GNWT) in 2011, which outlines commitments made by CZN for northern employment and procurement.

The GNWT believes that sustainable and environmentally responsible resource development projects will benefit NWT residents by strengthening and diversifying the economy as envisioned by the 17th Legislative Assembly and the Mineral Development Strategy.

Kiggavik EIS accepted – “We have our work ahead of us now”

Excerpted from AREVA Community Update October 2014

AREVA Resources Canada has submitted the final environmental impact statement (FEIS) for its Kiggavik Project to the Nunavut Impact Review Board (NIRB). Located 80 kilometres west of Baker Lake, the Kiggavik Project is a proposed uranium mining and milling operation owned by AREVA (64.8%), JCU (Canada) Exploration Co. Ltd. (33.5%) and DAEWOO Corporation (1.7%) and is operated by AREVA.

On October 16, 2014 the NIRB issued correspondence to AREVA providing notice that it had accepted AREVA’s FEIS and that it was commencing the technical review of the FEIS as filed. According to a letter to the company on October 17th, “the NIRB has now completed its compliance review of AREVA’s FEIS submission and has determined that it generally complies with both the NIRB’s EIS Guidelines and the Board’s PHC Decision.”

The work presented to NIRB reflects more than six years of engineering, environmental and public engagement studies. AREVA has sought community input and Inuit Qaujimagatuqangit (IQ) to refine the project design and environmental assessment. The submission includes detailed studies demonstrating that modern uranium development is safe for workers, the public and the environment.

AREVA’s proposed Kiggavik Project would require three to four years of construction, followed by approximately 14 years of operation based on estimated resources of 130 million pounds of uranium.



The Kiggavik Project FEIS comprised 28 binders and more than 10,000 pages.

“We thank the people of Baker Lake and the Kivalliq Region for openly sharing their concerns and aspirations related to the potential development of the Kiggavik Project, in addition to the local knowledge they provided our team in the course of the studies performed for the final environmental impact statement,” said Vincent Martin, president and CEO of AREVA Resources Canada.

AREVA has a positive track record in Canada spanning more than 50 years ensuring the safety of employees, the public and the environment. The next steps in the Kiggavik environmental assessment include a technical review of the FEIS and public hearings to be held in Baker Lake.

In its statement, the company says that the date of project construction will be influenced by a number of things, including “favourable market conditions,” but adds later, “the market price for uranium concentrate over the last five years has been within the range needed for reasonable return on investment to owners.” While uranium market conditions do not currently favour a construction decision, completing the environmental assessment allows the project to move forward with the next steps when the market improves as expected.

Those interested in commenting on the FEIS report have until January 16, 2015 to make a written submission to the NIRB.

Good news for Cantung Mine Life – Extended Beyond end of 2017

Exploration results at North American Tungsten Corporation Ltd.'s (TSX.V: NTC) Cantung Mine in the Northwest Territories indicate that estimates of Mineral Reserves have increased, extending the mine's life, the Company's Chairman and CEO, Kurt Heikkila, announced.

"This is excellent news for the Company to report to the public, to its customers, and to its employees: over the past three years, NTC has extracted over 1.4 million tons of ore at Cantung; yet our probable reserve estimates over that period have increased from the 1.69 million tons reported in 2011 to our current estimate of 1.82 million tons."

"The updated reserves and resources support an extended mine life. We've identified sufficient reserves to support commercial operations at Cantung beyond the end of 2017 and our intention is to continue exploration and definition diamond drilling to add to the reserves and resources, and, ultimately, the mine's operating life," "Mr. Heikkila said.

"These exploration results validate the significant, longer-term investment our Company has made in Cantung over the past several years, and reaffirm our confidence in the mine's future. As one example of improvements generated by targeted investments, mill throughput now averages over 1,300 tons per day, an important increase over the earlier daily averages of 1,100 tons."

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

Baffinland applies to increase production and shipping from Mary River mine

On October 29, Baffinland Iron Mines submitted notification to the Nunavut Impact Review Board that it is requesting another reconsideration or amendment of the terms and conditions of their approved Project Certificate No. 005 which they received in 2012. At the same time, it

submitted documentation to the Nunavut Planning Commission which included an application for Conformity Determination to the North Baffin Regional Land Use Plan

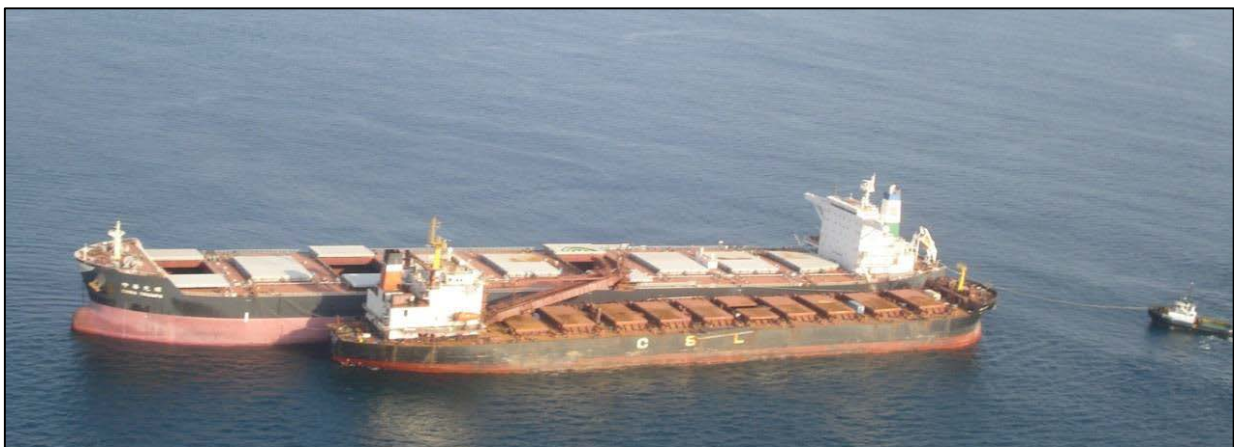
Due to the prevailing world economic climate since the original Project Certificate was granted, Baffinland has recognized that proceeding with the Mary River Project will require a phased development approach. It was for this reason that they applied for and received in May 2014 an amendment to their first project certificate to support an Early Revenue Phase (ERP) which consists of limited, lower tonnage seasonal shipping from their Milne Port.

Baffinland remains committed to the original project which included the construction and operation of a railway to Steensby Port. However, this carries a formidable \$5 billion price tag. Under the continuing current difficult market conditions, lending institutions require that a proponent demonstrate the ability of their project to generate cash flows and demonstrate the quality and demand for their iron ore product, if they want financing. Ramping up production & shipping over a number of years from Milne Inlet is intended to do that.

This new “Phase 2” of the project proposes a longer shipping season from the Milne Port. It requires upgrades of the road and port, and the addition of a new shipping strategy. The Phase 2 Summary Project Description describes:

- Increased utilization of the Milne Inlet Tote Road, including increasing the trucking fleet and the twinning of bridges already constructed along the Tote Road;
- Increased utilization of Milne Port for shipping and the eventual addition in time of a second dock at Milne Port;
- The inclusion of two ice management vessels for use at the Port, and the extension of the shipping season from June to March with no shipping through the majority of March, April and May.

Trans-shipping from purpose built ice class self-discharging ore carriers to larger vessels would occur in Eclipse Sound during the open water season (mid-July to mid-October), and trans-shipping from the purpose built ice class self-discharging ore carriers to larger vessels in Greenland waters from June to mid-July and from mid-October into March.



Baffinland is proposing to trans-ship iron ore from smaller local ships to larger carriers, a common practice used elsewhere and shown here, to help increase the shipping season and tonnes of ore shipped. Photo courtesy Baffinland Iron Mines.

This new proposal will require another Environmental Assessment, the submission of another Environmental Impact Statement (EIS) and a review by the residents of Pond Inlet, other North Baffin Communities, the Qikiqtani Inuit Association, and all applicable Territorial and Federal Government Regulatory agencies that have reviewed the last ERP amendment.

For more information on Phase 2, click [here](#).

Mary River Designated Inuit Firm List prioritizes business

On August 7th, 2014, the Qikiqtani Inuit Association (QIA) announced the launch of the QIA Mary River Designated Inuit Firm List. The requirement for an Inuit Firm List is an element of the Mary River Project Inuit Impact Benefit Agreement (IIBA).

Pursuant to Article 6.4 and 6.5 of the Mary River Project IIBA, and once confirmed by the Executive Committee of the IIBA, Inuit-owned businesses that are on the QIA Mary River Designated Inuit Firm List will be given priority consideration by Baffinland Iron Mines Corporation (BIMC) over other businesses when contract opportunities are announced and bids for goods and services are evaluated. Further, businesses in the Qikiqtaaluk Region that are registered on the Inuit Firms List will be given priority over other those from other regions.

In addition, businesses are invited to identify areas where they may benefit from capacity development or other support. This information may be used by QIA to help direct business development opportunities. All Inuit-owned businesses that are or may be interested in providing goods and services to the Mary River Project are encouraged to register for the QIA Mary River Designated Inuit Firm List by completing an application package. In order to be registered, businesses must first be listed on the Nunavut Tunngavik Incorporated Inuit Firm Registry.

More information about the QIA Mary River Project Designated Inuit Firm List and application packages can be obtained at www.qia.ca, at the QIA office, or by contacting the Department of Major Projects at (867) 975-8400.

NWT 25-Year Transportation Strategy Underway

To help improve transportation services across the NWT in order to reduce the cost of living in communities and to create employment and business opportunities for residents, the NWT Department of Transportation is updating its NWT Transportation Strategy, which will guide further development of integrated air, road, rail, and marine systems over the next 25 years.

This will be the first territory-wide multi-modal transportation strategy since that completed in 1990. In June, the Department launched an online survey that gave residents the opportunity to submit comments on transportation services and related areas, including support for economic development and protection of the environment. There was a strong level of public interest with over 500 survey responses received from residents and other transportation stakeholders.

The GNWT also met with key stakeholder organizations from within the NWT and from southern Canada who conduct business in the North to hear their concerns and ideas.

Interviews were also conducted with NWT political leaders including MLA's and Aboriginal leaders to hear their thoughts on priorities for transportation in the North.

Staff from the Department have read and reviewed every single one of the responses to the online survey. Those responses, along with the information gathered from stakeholder meetings and interviews with political leaders will inform the development of the updated strategy. Other GNWT strategies, such as the Economic Opportunities Strategy and the Mineral Development Strategy, have been reviewed to ensure our government is focused and our priorities coordinated.

Once the strategy has been drafted, the NWT Government will again be calling upon residents to ensure that they have heard and reflected their ideas. Public meetings will be held in regional centers this winter to review the draft and determine if there are additional priorities to consider. Stay posted!

Canada and GNWT launch Canada Job Grant to help people get jobs

In early October, the Government of the Northwest Territories began accepting employer applications for the Canada Job Grant and are encouraging employers to apply.

The Canada Job Grant is an innovative, employer-driven approach to help Canadians gain the skills and training they need to fill available jobs. It is designed to be flexible enough to meet the needs of businesses of all sizes, in all industries and regions. As employers are also required to contribute to the costs of training, the Canada Job Grant will result in training that leads to guaranteed jobs.

The Canada Job Grant will provide up to \$15,000 per person for training costs, such as tuition and training materials, which includes up to \$10,000 in federal contributions. For details on how to apply for the Canada Job Grant, please visit www.ece.gov.nt.ca.

Quick Facts

- According to the Conference Board of Canada, real economic growth in the Northwest Territories is expected to rise by 1.3 percent in 2014, by 2.5 percent in 2015 and by a robust 7.9 percent in 2016.
- BuildForce Canada has noted that the Northwest Territories generates nearly 50 percent of all economic activity in Canada's territories.
- In the next 10 years, Canada is expected to need 300,000 new workers in the construction sector, with up to another 150,000 new workers in the petroleum sector and 145,000 new workers in the mining sector.
- The Canada Job Grant will provide employers with up to \$10,000 for training costs per worker, including tuition and training materials.

“The Canada Job Grant will help workers in the Northwest Territories get the skills they need to fill available jobs in today's economy. Today's announcement is great news for workers and their families across the Northwest Territories.” – The Honourable Leona Aglukkaq, Minister of the Environment and Minister of the Canadian Northern Economic Development Agency

“We have worked to ensure that our employers and residents have both access to and support for training programs and resources to take advantage of our labour market opportunities. We have a strong partnership with Canada and with our industry partners across the North, which serves us well as we continue to improve our training and skills development initiatives. Through these partnerships and the projected growth of our labour market, resulting in part from the responsible development of the Northwest Territories’ resource wealth, matching skilled workers with available jobs is now more critical than ever.” – The Honourable Jackson Lafferty, Minister of Education, Culture and Employment, Government of the Northwest Territories

Associated Links

[Canada Job Grant](#)

[Canada Job Grant \(Northwest Territories\)](#)

Nunavut Devolution Moving Forward

October 3, 2014 was a historic day for Nunavut. According to recent reports from the Government of Nunavut, Namminiqsurniq, or striving for greater autonomy for the territory through “devolution” has taken a major step forward and is consistent with objectives set out in the Government of Nunavut’s mandate “Sivumut Abluqta” or “Stepping Forward Together”.

The Honourable Bernard Valcourt, Minister of Aboriginal Affairs and Northern Development announced the appointment of a Chief Federal Negotiator on Nunavut’s devolution process.

Nunavut’s devolution negotiation team has been unveiled. Simon Awa will serve as Chief Negotiator, with Bob Carson and Alex Buchan as Deputy Negotiators. Mr. Buchan is the Director of External and Community Relations with TMAC Resources Inc., and is also Treasurer for the Chamber of Mines.

Nunavut is the last territory to begin negotiations on devolution. This announcement was an important step forward in moving ahead with that process.

Outlining an agreement in principle will pave the way for developing final agreements in the devolution negotiation process. The Government of Canada has indicated its commitment to achieving an Agreement in Principal in one year.

According to Premier Taptuna at a sitting of the Nunavut Legislature on October 23rd, “I look forward to the working relationship and moving forward on Nunavut’s future. This is truly Sivumut Abluqta”.

NCC Development Ltd. double award winner at Nunavut Trade Show

The Chamber of Mines congratulates one of our members, NCC Development Ltd. for being awarded two prizes at the Nunavut Trade Show in Iqaluit this month. The company was named as Business of the Year, while NCC Development president and CEO Greg Cayen was named Business Person of the Year.

"(Oct. 8) was a great one for our organization," said NCC Development vice-president Clarence Synard. "It was a very humbling night to say the least and a joy that our entire group is proud of."

NCC Development was founded in 1999 as a subsidiary of the NCC Investment Group to help meet the infrastructure needs of the newly formed government of Nunavut.

Overall, there has been a sharp increase in construction activity in the territory. As a result, the weight of this sector in the 2013 GDP went up by almost 3 percentage points: from 9.74 to 12.47.

A Chamber member for several years, NCC Investment Group is wholly-owned by the Qikiqtaaluk Corporation, Sakku Investments Corporation, Kitikmeot Corporation, and Nunasi Corporation.



Clarence Synard is Vice President, NCC Development Ltd.

GNWT makes changes to help develop Northern Workforce

The NWT Minister of Education, Culture and Employment (ECE) announced a number of actions to help grow an educated, skilled and trained NWT workforce. According to Minister Jackson Lafferty, the potential for more than \$4.5 billion in new investment in the NWT over the next several years brings many new job opportunities.

Changes being made by ECE include changes to:

- The Northwest Territories Nominee Program. This is a key component of the GNWT's efforts to attract 2,000 new residents by 2019. ECE has set a target of increasing the number of nominees by 25 percent annually starting in 2014-15. Work has already begun with clarifications to the nominee application process, improvements to forms and to online information access, and in promoting and improving awareness of the program. ECE will be engaging in the coming weeks to ensure the program meets the needs of the business community and to be ready for implementation in January 2015.
- Student Financial Assistance program. ECE is presently considering options for enhancing the remission and repayment program to reduce students' debt much faster. Such improvements will encourage students to return to the NWT and potentially encourage more southern students to come to the NWT. As well, due to the improved nature of collecting and sharing information from students, the GNWT is now able to review the skill sets of Northern students studying at post-secondary institutions and match them with meaningful and rewarding jobs with government.

ECE is also doing detailed assessments of the North's current and future labour market needs across all sectors to gain relevant labour market information. They will examine skills-training and post-secondary education systems and complete the entire spectrum of services from early childhood to employment.

The Minister says he believes these improvements will contribute both to the success of the NWT economy and help grow the NWT's population.

Click [here](#) for more.

Nunavut Prospectors' Program – “An eye opener for prospecting”

The Government of Nunavut's “Introduction to Prospecting” course was offered in eight communities this summer including Cambridge Bay, Chesterfield Inlet, Coral Harbour, Gjoa Haven, Hall Beach, Repulse Bay, Sanikiluaq and Whale Cove. After the courses were over, 75 people received certificates.

The courses focused on: Rock & Mineral Identification; Geology & Geological Features; Ore Samples & Assays; Prospecting Techniques & Terms and; Map Reading & Claim Staking.

As part of the program, students learn to collect interesting rocks and to send them to an assay lab for testing. They receive a list of 50 prospecting pointers and the basic tools to prospect for free. For example, rock hammer, hand lens, safety glasses, sample bags and flagging tape.

People learn to pan for gold and heavy minerals.

They learn how to stake a claim, how to use their GPS to record sample locations and how to take samples. Taking the course allows people to apply for GN funding for up to \$8000 dollars to do a prospecting project.

The 2014 courses were updated, with new course evaluation sheets being implemented to try and make the course more experiential – providing more hands-on time spent outdoors.

Plans are already underway for next summer's program to

ensure translation services are in place, because this supports Inuit Qaujimajatuqangit (IQ) and traditional experience. Course instructors will also try to implement visits to geologically interesting or relevant areas to prospecting. A contest Nunavut-wide may be part of the program to see who can find the best rocks and minerals.

Courses for 2015 are planned to be delivered starting in June at Kugluktuk, Kugaaruk, Arctic Bay, Cape Dorset, Baker Lake, Rankin Inlet, Pangnirtung and Qikiqtarjuaq. Staff in both the Cambridge Bay office and the Arviat office will be delivering these courses.



Cambridge Bay test panning is Lana Erickson, Bertha Quqshuun and Angela Gerbrandt (lower right).



Nunavut prospecting courses, cont'd. In photo at left, Chesterfield Inlet staking exercise and prospecting Jonny Amarak, Luki Aggark, Nico Ungnnai and Roger Ittinuar. In photo at right, Whale Cove looking at the rocks containing gold and chalcopyrite are Alex Milortok and Stephanie Angoo. Photos courtesy NU Government

Overall 900 people have taken this popular course since 1999.

For more information on courses or funding a project, call toll-free at 1-888-975-5999 and ask for Hugh MacIsaac, Mike Beauregard, Hugh Nateela or Harry Maksagak. More details about the [Nunavut Prospectors Program](#) can be found on the Government of Nunavut's webpage.

Forest fire held back at ice road camp during NWT's worst fire season

In mid-July, a forest fire threatened a critical ice road construction and maintenance facility located at the south end of the Tibbitt to Contwoyto Winter Road (TCWR).

"The Dome Lake camp is one of three camps on the winter road and when we consider the camp and the equipment stored there, the value is over fifteen million dollars," said Ron Near, winter road director. "As Dome is the first camp, it is critical to road construction on the ice road's south end and loss of the camp would have likely caused construction and operational resupply delays," he added.

Open for 8 weeks each year, the TCWR is the resupply route for the NWT's diamond mines, and is constructed annually over 400 km's of frozen lakes connected by portages. The road is a partnership between Diavik Diamond Mines, Dominion Diamond Corporation and De Beers Canada.

The TCWR operations committee completed a risk assessment and decided that members of the Ekati Diamond Mine emergency response team would fly to the site to expand cleared fire breaks around the camp perimeter, to ensure sprinklers were functioning, and to relocate mobile equipment away from potential fire areas.

With assistance from local transportation contractors Tli Cho Landtran and Nuna Logistics, the team flew to the site every day with the helicopter remaining on site so that they could leave at a moment's notice. As they worked, the crew monitored the 45,000 hectare fire which was only 1.5 km's from the camp.

On July 23 and 24, the fire would reach the camp but thanks to the work of all, the fire break prevented the flames from damaging the camp and equipment.

“Without the efforts of these individuals, it is very likely that the camp and the mobile equipment would have been lost. The professionalism and diligence of all involved ensured the safety of everyone and that the camp was protected,” Near said. “We monitored the threat, assessed the risk, and protected people and assets.”

By the end of August, 385 wild fires had occurred – the majority of which were still active – in Canada’s Northwest Territories with 34,000 square kilometres affected. A few remote properties were lost and

some temporary evacuations of a few communities occurred. Smoke caused air quality alerts and travel along the highway connecting Yellowknife to Alberta was also disrupted due to road closures.



Surrounded by smoke, the critical ice road maintenance camp and equipment at Dome Lake were saved by sprinklers, chainsaws and sweat.

Annual Report released from EKATI diamond mine monitoring agency

The Independent Environmental Monitoring Agency for the Ekati Diamond Mine has released its Annual Report and Summary for 2012-13. The Agency was formed in 1997 to act as a public watchdog over the Ekati Diamond Mine. It is governed by a Board of Directors appointed by:

- Akaitcho Treaty 8 First Nations (Łutsel K’e Dene First Nation and Yellowknives Dene First Nation)
- Tłıcho, Government
- North Slave Métis Alliance
- Kitikmeot Inuit Association
- Government of Canada
- Government of the Northwest Territories
- Dominion Diamond Ekati Corporation (new owners of the Ekati mine)



The Agency’s Mandate is to: *Review, report and make recommendations on the environmental programs, reports and activities of DDEC and governments; Make recommendations on the use of Traditional Knowledge and of the experience of Aboriginal peoples in environmental plans and programs; Participate as an intervenor in regulatory processes; Maintain a resource library of environmental information relevant to Ekati; Distribute information about Ekati to Aboriginal peoples and the general public; and Provide an effective means to bring to DDEC and governments the concerns of Aboriginal peoples and the general public*

To learn more, follow this link: www.monitoringagency.net

Scotiabank - Commodity Prices Lose Ground In September

Zinc prices remain steady at lucrative levels

Iron Ore Prices Approach Bottom

The Metal & Mineral Index pulled back in September (-3.1% m/m and -10.7% yr/yr), as base metal markets worried over decelerating Chinese industrial activity.

LME zinc prices inched down 1.6 US cents to US\$1.04 per pound in September, but have edged ahead again to US\$1.06 in mid-October. Despite market volatility, zinc has been quite steady at US\$1.04-1.06 in recent months, given ongoing investor and commodity fund interest.

LME copper edged down from US\$3.18 per pound in August to US\$3.11 in September, as the market anticipated another wave of new mine start-ups and expansions in the second half of 2014.

Gold prices (London PM Fix) were bid down in September to US\$1,239 per ounce on U.S. dollar strength and anticipation of gradually tightening U.S. monetary policy.

Spot iron ore prices, 62% Fe, Fines, delivered to northern China have declined significantly this year mostly due to substantial new mine development by three major low-cost producers in Western Australia and Brazil and, to a lesser extent, slower growth in steel production in China (+5% Ytd). China accounts for 50% of world steel output.

Download the monthly report [here](#).

Global Economics October 16, 2014

Scotiabank
Commodity Price Index

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Commodity Prices Lose Ground In September

- Canada's strong card — 'heavy' oil prices hold up better than 'light, sweet' crude.
- Will Saudi Arabia tolerate sharply lower oil prices to curb U.S. shale development?
- Zinc prices remain steady at lucrative levels.

Scotiabank's Commodity Price Index retreated further in September, declining 2.1% m/m, but stayed above the late 2013 low. All sub-indices declined, pressured by downbeat revisions in world economic growth (especially in the Eurozone including Germany), seasonal declines in grain & livestock prices and headwinds for dollar-denominated commodity prices from broad-based U.S. dollar strength. The rapid development of U.S. 'light, tight' oil from shales, in only a slowly growing world economy, contributed to softer international oil prices.

The Oil & Gas Index edged down by 0.4% m/m to a level 9.5% below a year earlier. Lower 'light, sweet' crude oil prices in Edmonton just offset a slight gain in 'Western Canadian Select heavy' oil at Hardisty, Alberta (WCS), strong propane prices and firmer Canadian natural gas export prices.

With international crude oil prices declining, the increase in 'WCS heavy' oil from US\$73.82 to US\$74.38 per barrel in September was surprising, and reflects a narrowing of the WCS price discount off WTI oil from US\$22.26 to US\$18.65. While the decline in Brent and WTI oil prices has intensified in October — with Brent plunging to a mere US\$83 and WTI oil to US\$81, down from a near-term high of US\$115 and US\$107 in mid-June — narrower price discounts for WCS heavy will shield Canadian producers from some of the drop. The discount on WCS is only US\$13.70 in October and US\$12.92 for November delivery, keeping WCS prices for low-cost SAGD bitumen producers around US\$73 to date in October. Though the discount on 'light, sweet' crude in Edmonton has also narrowed from US\$8.50 to US\$4-5, the price of 'heavy oil' has outperformed.

Lower discounts on Western Canadian crude and the relative strength of 'heavy oil' (SAGD bitumen & 'conventional' heavy) — accounting for the bulk of projected supply growth in the Alberta oil sands this decade — reflect the following developments:

- 1) Canada's crude oil export volumes surged to an all-time weekly high in early October, likely the result of filling Enbridge's new Flanagan Pipeline from Illinois to Cushing, Oklahoma (585,000 b/d capacity), effectively relieving the existing Spearhead pipeline; 2) the repositioning of the BP Whiting refinery in the US Midwest earlier in the year (boosting heavy oil demand from Canada by

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Scotiabank Commodity Price Index is available on scotiabank.com, Bloomberg at SCOT and Reuters at SMIC.



What's that? You thought mining was low tech?

Check out Rio Tinto's plan for the Mine of the Future™ a way of mining safer, smarter, better

Driverless trucks, drills and trains, an automated port site, a command centre a thousand kilometres away, and a team of creative and bright new age “miners” behind them are the hallmark of Rio Tinto's Mine of the Future™ programme.

And it's all about finding advanced ways to extract minerals deep within the Earth while reducing environmental impacts and further improving safety.

Is it just pie in the sky dreaming? Not at all. Rio Tinto already has the world's largest fleet (53) of autonomous (driverless) haul trucks operating at its Australian mines. In May this year, one of their massive Komatsu 930E autonomous haul trucks moved the milestone 200th million tonne of ore.



Autonomous Haulage System in operation in the Pilbara, Western Australia

The driverless trucks complement an automated drilling system launched back in 2008. And supporting it all is an automated railway system called AutoHaul®, which will be the world's first fully-autonomous heavy haul, long distance railway system once it's in operation in early 2015.



Rio Tinto Operations Centre, Perth, Western Australia

An Operations Centre a thousand kilometres away in Perth oversees the Mine of the Future™.

So throw out your old thinking of what a mine is, and check out Rio Tinto's Mine of the Future™. You might find that all of those years of video gaming just might pay off. 😊

Learn more [here](#).

PS: Rio Tinto is a 60% owner of the Diavik Diamond Mine, the NWT's largest producer of high quality diamonds.

Worldwide metals exploration budgets down 25% in 2014

SNL Metals & Mining's 25th annual Corporate Exploration Strategies study estimates that worldwide nonferrous metals exploration budgets declined 25% to US\$11.36 billion in 2014, marking a drop of more than US\$10 billion in annual exploration expenditure over the past two years.

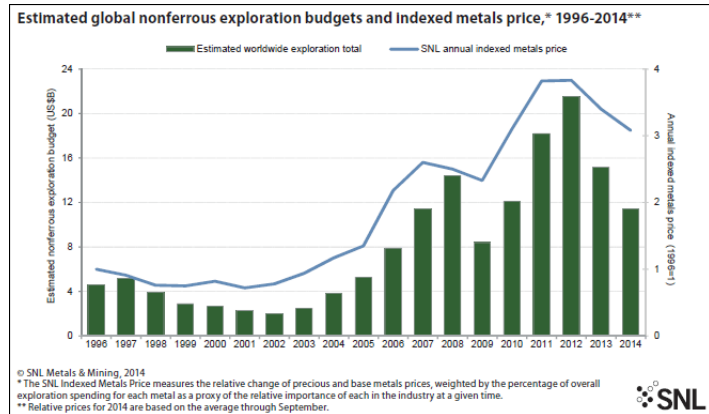
SNL Metals & Mining's 2014 exploration data and analysis are based on information collected from almost 3,500 mining and exploration companies worldwide, of which almost 2,000 had exploration budgets for 2014. The companies, each budgeting at least US\$100,000, budgeted a total of US\$10.74 billion for nonferrous exploration in 2014. Including our estimates for budgets we could not obtain, the 2014 worldwide exploration budget comes to US\$11.36 billion.

Nonferrous exploration refers to expenditures related to precious and base metals, diamonds, uranium and some industrial minerals; it specifically excludes iron ore, aluminum, coal, and oil and gas.

Higher operating and capital costs, lower ore grades, uncertain demand for commodities and investor discontent have required major companies to focus

on a return to healthy margins after years of growth-oriented spending. To that end, the majors have been divesting noncore assets and cutting back on capital project and exploration spending, which has led to an unsurprising 25% drop in the majors' exploration budget total in 2014. The juniors continue to battle lackluster investor interest, which has forced the group to rein in spending in order to conserve funds. The juniors' total exploration budget fell 29% year over year in 2014 after falling 39% in 2013, dropping their share of the overall budget total to 32% from a high of 55% in 2007.

For more information, visit SNL's website story [here](#).



Social Investment by mining may not be working as hoped, study says

Mining companies are very aware of the significant impact of their operations upon local communities and recognise the need to earn a 'social license to operate', in the form of an unwritten contract with workers, their families and other stakeholders. Consequently vast sums are ploughed into social investment initiatives including infrastructure, education and training, healthcare, sports and recreation.

On the surface, such philanthropy should bring enormous benefits by reducing poverty, improving health and employment prospects, securing food and water supplies, and preventing environmental damage.

The businesses themselves can enhance their reputations, build better relationships with local suppliers, attract talented and engaged employees, and reduce sickness and absenteeism, all of which should contribute to higher productivity and commercial success.

Key insights

- Improving social performance is not simply about increasing the amount of money spent; it is about designing programmes that achieve the things that the people you intend to benefit want.
- Most mining companies report on how much money was spent and what outputs were generated. Far fewer focus on what the impact of those outputs were, which is key to designing better programmes.
- Social investment programmes that are the most visible aren't always those that are most effective.

Download the document [here](#).

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**, Whitehorse, Yukon, November 15-19, 2014. Join us for Yukon's largest Minerals Sector Conference and Trade Show and connect with over 400 industry leaders and representatives. Trade show is now sold out and there are lots of great ticketed events and opportunities still available! For more, click [here](#).
- **Yellowknife Geoscience Forum, 42nd Annual Conference and Tradeshow** (the North's biggest!), November 25-27, 2014, Yellowknife, NT. Watch for updates coming soon on the website here <http://www.geoscienceforum.com/>.
- **AMEBC Mineral Exploration Roundup 2015**, January 26-29, 2015, Vancouver, BC. No in its 32nd year, this year's event has been moved to the larger Vancouver Convention Centre. Visit: <http://www.amebc.ca/roundup-2015-home>.
- **PDAC International Convention, Trade Show & Investors Exchange**, March 1-4, 2015, Toronto, ON. For the world's leading Convention for people, companies and organizations in, or connected with, mineral exploration, visit [here](#).
- **18th Annual Nunavut Mining Symposium**, Iqaluit April 13th – 16th, 2015. Hotels are now accepting reservations. Information is available at: www.nunavutminingsymposium.ca. Check out our recap video of the 2014 symposium!

Member News Releases this past month

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

- 31 October 2014, [North American Tungsten: Cantung Life of Mine Extended Beyond 2017](#)
- 31 October 2014, [Avalon reports Resource Estimate for East Kemptville Tin-Zinc-Copper-Indium Deposit, Nova Scotia, Canada](#)
- 30 October 2014, [Kivalliq and Roughrider Add New Target Area to The Genesis Property; Acquisition Includes Strong Historic EM Anomalies and Rock Sample Assays up to 2.7% U3O8](#)
- 30 October 2014, [Kennady Diamonds Updates Kelvin Kimberlite Drilling](#)
- 29 October 2014, [Agnico Eagle reports third quarter 2014 results - 2014 Gold production expected to exceed top end of forecast, 2015 guidance increased on the back of strong operating performance](#)
- 27 October 2014, [Nighthawk Drills 4.40 Metres of 38.90 g/t Gold and 51.00 Metres of 2.25 g/t Gold; Extends Mineralization Over 100 Metres at Cass](#)
- 22 October 2014, [TerraX Minerals/New Fact Sheet/Moving Forward 2014/15 Plan](#)
- 22 October 2014, [Stornoway Announces Results From Annual General Meeting](#)
- 22 October 2014, [AVALON INDUSTRY BULLETIN: Illegally mined Rare Earth Elements production in China believed higher than previously thought](#)
- 21 October 2014, [Canterra Minerals Discovers Diamond in Till Sample, NWT](#)

- 21 October 2014, [Canadian Zinc Reports High Grade Massive Sulphide Drill Intercepts From Long Lake VMS Project, Newfoundland](#)
- 21 October 2014, [AVALON INDUSTRY BULLETIN: Avalon Comments on the Canadian Rare Earth Element Network Appearance before House of Commons Finance Committee in Ottawa](#)
- 20 October 2014, [Stornoway Adds Large Diamond Recovery Capacity To Renard Diamond Plant Design](#)
- 20 October 2014, [Tyhee Announces Extension of Non-Brokered Unit Private Placement](#)
- 20 October 2014, [West Melville Initiates Metallurgical Test Work on the Isortoq Project, Southern Greenland](#)
- 16 October 2014, [Mountain Province Diamonds Closes C\\$100M Bought Deal and Non-Brokered Financing](#)
- 16 October 2014, [TerraX closes final tranche of private placement for \\$365,150; placement proceeds now total \\$2,774,725](#)
- 16 October 2014, [Fortune Minerals closes second and final US\\$ 10 million tranche of Lascaux financing](#)
- 16 October 2014, [MMG Third Quarter 2014 Production and Project Update](#)
- 15 October 2014, [Dominion Diamond Corporation reports Diavik Diamond Mine Third Calendar Quarter Production](#)
- 15 October 2014, [Dominion Diamond Corporation Increases Interest in the Ekati Diamond Mine](#)
- 15 October 2014, [Olivut Regrets the Passing of Long Term Director Sargent Berner and Closes Private Placement of Flow-Through Shares and Common Shares](#)
- 14 October 2014, [Copper North Announces Joint Canada-China Feasibility Study for Carmacks Project, Central Yukon](#)
- 14 October 2014, [Kennady Diamonds Increases Kelvin – Faraday Tonnage Estimate to 9 - 12 million tonnes](#)
- 9 October 2014, [TerraX closes second tranche of private placement; increases placement to \\$2.4 Million.](#)
- 8 October 2014, [Avalon provides update on progress on the Nechalacho Rare Earth Elements Project, Thor Lake, NWT](#)
- 7 October 2014, [Canadian Zinc Starts Underground Program at Prairie Creek](#)
- 6 October 2014, [Kennady Diamonds Announces Kelvin Diamond Recovery Results](#)
- 3 October 2014, [Tyhee Gold: RMB Further Extends Maturity Date of Loan](#)
- 2 October 2014, [Agnico Eagle provides notice of release of third quarter 2014 results and conference call](#)



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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:

- **Air North, Yukon's Airline** is a regionally based carrier providing service within the Yukon and between the Yukon and British Columbia, Alberta, Northwest Territories and Alaska. Like their northern counterparts, Canadian North Airlines and First Air, we have a First Nations ownership component and we provide service from our territorial region to southern gateways. Visit: www.flyairnorth.com
- **Hatch** is an employee-owned, multidisciplinary professional services firm that delivers a comprehensive array of technical and strategic services, including consulting, information technology, engineering, process development, and project and construction management to the mining, metallurgical, energy, and infrastructure sectors. With over 11,000 people in over 65 offices, the firm has more than \$35 billion in projects currently under management. Visit: www.hatch.ca.
- **Hybrid Air Vehicles Limited** is the world's leading developer of the next generation of lighter-than-air craft. Based in the UK, it can draw on 30 years of modern airship development. HAV is currently developing 2 types of airship: one a stable platform and the other a heavy lift aircraft. Visit: www.hybridairvehicles.com/
- **Kennady Diamonds Inc.** is a Canadian diamond exploration company focused on their 100% controlled Kennady North project located immediately adjacent to the De Beers/Mountain Province Diamonds Gahcho Kué diamond mine in the NWT. The highly prospective project hosts four known kimberlites – Kelvin, Faraday, Doyle and MZ – as well as numerous other exploration targets. Visit: <http://www.kennadydiamonds.com/>
- **Loyalteam Environmental** is a consortium of land, environment and natural resources experts who engage specialists in air quality, energy conservation, environmental assessment and monitoring, waste management, wildlife, strategic planning, program evaluation and stakeholder engagement. Visit: <http://www.loyalteam.ca/>
- **Northern Security Services** offers a diverse portfolio of security services that include, but are not limited to, event and corporate security, personal, commercial and intellectual property protection, internal investigations and loss prevention. We provide not only peace of mind, but we also understand security, the law and how to use the rules for you. Visit: www.northernsecurityservices.com
- **Northplan Facilitation** is a Northern based company that provides facilitation services across Canada. With significant experience in the natural resource sector, they specialize in: Strategic Planning, Workshop Design, Public and Aboriginal Consultation, Conference Facilitation, and Team Building. CEO and owner, Trevor Sinclair, being an active member in the International Association of Facilitators, ensures all of Northplan's Facilitators maintain highly engaging and focused sessions that are custom designed to achieve your desired outcomes. Visit: www.northplanfacilitation.com

- **Poison Graphics** is the leading business in sign shop manufacturing in the NWT. Based in Hay River, their team of artistically trained design professionals offer a wide range of services from design to production and installation. Their clients include the mining industry, government, business and individuals. Visit: <http://poisongraphics.net/>.
- **TA Structures'** portable office and worksite accommodation solutions provide practical worker accommodation units to a variety of scales, complete with all the comforts of home. Whether you call them well-site trailers, worksite shacks, trailer houses, mobile accommodations or any other term... TA Structures calls them rugged, affordable and comfortable. Visit: www.tastructures.com.
- **Waymarc Industries Ltd.** has been serving Western Canada since 1975, providing storage efficiency and materials handling products to commercial, institutional and industrial clients. Our mission is to "Create World-Class Facilities" for our clients by working with them to understand their needs, provide cost effective products & systems and deliver outstanding installation & maintenance services. Visit: www.waymarc.com.

The advertisement features three items in a row, each with a chemical symbol overlaid: a diamond with 'C', a newspaper titled 'CANADIAN MINING' with 'C' and 'Carbon', and a pair of garden shears with 'Fe' and 'Iron'. Below these items are the labels 'DIAMONDS*', 'NEWSPAPER INK*', and 'METAL TOOLS*'. A central text box contains the headline 'ROCK? PAPER? SCISSORS? 3 OUT OF 3 AIN'T BAD.' and two paragraphs of text. At the bottom, there is a 'MINING.CA' logo and the 'CANADIAN MINING' logo with the tagline 'What will they find next?'. The background is a grey topographic map.

DIAMONDS*

NEWSPAPER INK*

METAL TOOLS*

ROCK? PAPER? SCISSORS?
3 OUT OF 3 AIN'T BAD.

Canada is blessed with an abundance of resources that are in demand all around the world.

Canada is one of the world's top mining countries, and our minerals and metals are found in products of all kinds.

*Diamonds contain carbon, as does newspaper ink. Your garden shears are made of iron.

MINING.CA

CANADIAN MINING
What will they find next?

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.	Aug 19 news release: Dominion reports Q2 2015 Sales and Production Results. For the second consecutive quarter, diamond production at Ekati was substantially ahead of plan due to higher than expected grades coupled with operational improvements to the processing plant implemented by the Company over the last 10 months.
Ekati Jay Project	Dominion Diamond Corporation ,	Diamonds	The Ekati Jay project is in EA. Ekati mine life currently ends in 2019, but if mining of the Jay pipe is approved, mining could be extended 10-20 yrs.	The Jay Project is in EA. Dominion confirmed that the current socio-economic agreement with its training, employment, business and other commitments would apply to the Jay Project as well.
Diavik Mine	Rio Tinto & Dominion Diamonds	Diamonds	Canada's largest producer of diamonds, 300 km NE of Yellowknife. Mine life to 2023. Became all underground mine in 2012. Workforce approximately 1,000. To Dec 31, 2013, the mine has produced approximately 84 M carats of diamonds from the processing of approximately 22 M tonnes of kimberlite and has transitioned from open pit to a fully underground mine.	Oct 15, 2014 news release: Dominion Diamond Corporation reports Diavik Diamond Mine Third Calendar Quarter Production. Processing volumes and diamonds recovered in the third calendar quarter were consistent with the same quarter of the prior year. Through the third quarter, initiatives associated with improving availabilities, removing plant bottlenecks and increasing utilization of equipment were maintained, which have contributed to the significant improvement in tonnage processed and carats recovered on a year-to-date basis. On the mining front, continued efforts around mining equipment and shift utilization and increasing payload on equipment translated into better than expected ore production. Oct 15, 2014 News Release: Dominion Diamond Corporation Increases Interest in the Ekati Diamond Mine
Snap Lake Mine	De Beers	Diamonds	Canada's first all underground diamond mine. 220 kilometres NE of Yellowknife. Mine life to 2028. Workforce approximately 750.	On Oct. 31, the water license amendment environmental assessment received GNWT approval to proceed to permitting.
Cantung Mine	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western NWT, ~300 km by road NE of Watson Lake, Yukon. Cantung Life of Mine Extended Beyond the end of 2017. Over the past 3 years, NTC has extracted over 1.4 million tons of ore at Cantung; yet their probable reserve estimates over that period have increased from the 1.69 million tons reported in 2011 to our current estimate of 1.82 million tons.	Sept 8 News Release: North American Tungsten's Mactung project received environmental approval and will proceed to regulatory. The project straddles the Yukon/NWT border. Sept 19 release: Cantung Life of Mine Extended Beyond the end of 2017. Over the past 3 years, NTC has extracted over 1.4 million tons of ore at Cantung; yet their probable reserve estimates over that period have increased from the 1.69 million tons reported in 2011 to our current estimate of 1.82 million tons.
Gahcho Kué	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NWT. Estimated mine jobs: 400. First production on schedule for Q3 2016. Peak construction workforce 700.	Sept 24 news release: Gahcho Kué Project Joint Venture welcomes approval of water licence by NWT Government. This is one of the final steps required to make the mine construction decision.

NWT & Nunavut Chamber of Mines – Northern Mining News

Nechalacho	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. The Company remains optimistic that rare earth demand will recover sufficiently in 2015 to attract Project financing and allow construction work to begin by summer 2015.	News release Oct 8: Avalon Provides Update on Progress on the Nechalacho Rare Earth Elements Project. Work programs to optimize the 2013 Feasibility Study have been completed and an updated feasibility study is in preparation. Completion of this study awaits a decision on a location for the hydrometallurgical plant and revised cost estimates for this facility. A bulk sample of Basal Zone material has been recovered and a processing trial will proceed once a suitable facility is arranged and funding of about \$4 million is in place. Depressed commodity prices generally and reduced demand for rare earths in particular, have made accessing capital for large scale resource development projects like Nechalacho very challenging in recent months.
NICO	Fortune Minerals Ltd.	Cobalt-gold-bismuth-copper	Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150	July 22 news release: NICO water license approved by the NWT Minister of Environment on July 14, and takes effect July 22; Final step in permitting process; Company can now commence construction of the mine upon receipt of project financing and after making the initial closure bond payments to the GNWT. Aug 18 news release: Fortune reports Q2 financial results.
Prairie Creek	Canadian Zinc Corporation	Zinc-lead-silver	Proposed underground mine 120 km W of Ft. Simpson. Estimated mine jobs: 220 All permits now in place to construct and operate the mine. Completion of an optimized FS and conclusion of a project financing package is expected in H1/14.	News release Oct 7: Canadian Zinc Starts Underground Program At Prairie Creek – Mine Development Contract Awarded; Underground Exploration Drilling Scheduled; and Surface Facility Upgrades Underway
Yellowknife Gold	Tyhee Corp	Gold	Proposed open pit and underground mine of 2 deposits (Ormsby and Nicholas Lake) about 90 km NE of Yellowknife. Estimated 4,000 tpd. Est. mine jobs: 238	July 4 news release: Tyhee agrees to acquire majority stake in Sutter Gold Mining Inc. – Sutter to Restructure Debt.
Pine Point	Tamerlane Ventures	Lead-zinc	Company proposes underground mine E of Hay River, NWT using freeze technology for water management. Estimated mine jobs: 225	News release March 28: Tamerlane receives positive NI 43-101 updated summary technical report for Pine Point.
Courageous Lake	Seabridge Resources	Gold	Proposed open pit mine 240 km NE of Yellowknife. 6.5 M oz proven and probable reserves. (Positive PFS July 2012)	New 5-year land use permit issued December 28 to allow up to 700 drill holes. In the 9 months of 2013, Company incurred \$5.3 M in exploration costs to complete the winter and spring exploration and drilling programs and assess the results of those programs.
Selwyn	Selwyn Chihong	Zinc, lead	Proposed underground mine in Yukon on NWT border and access is through NWT. Agreements signed with NWT (Sahtu) Aboriginal land corporations.	Selwyn Chihong has acquired full control of the project from Selwyn Resources .

Mines & Promising Nunavut Mine Projects

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

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 736 Evaluating new Amaruq discovery approximately 50 km from the mine	Oct 29 AEM reports Q3 2014 results: Meadowbank is on track for a record production year in 2014. Impressive exploration results from the new Amaruq discovery appears to have the potential to extend the current Meadowbank mine life. A maiden resource is expected in early 2015 (just over a year from the time of the initial discovery at Amaruq) and studies are currently underway to evaluate how Amaruq can be incorporated into the Meadowbank mine plan with possible synergies to the Meliadine project.
Mary River Iron Mine	Baffinland Iron Mines	Iron	In operation since September 2014; Open pit mine located 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: 3,500-5,000. Estimated mine jobs: 715	Production from Early Revenue Phase (ERP) began September 8, 2014. First shipment of ore anticipated May 2015. On Oct 29, Baffinland submitted to NIRB an application for a Second Amendment to their Project Certificate No 005 that will see the shipping season expanded to make the project more financially robust for the eventual railway phase.
Doris North/ Hope Bay	TMAC Resources	Gold	Proposed gold mines 130 km S of Cambridge Bay; covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 485	NIRB recommends approval of Type A Water License renewal for 10-year period on August 16, 2013; Pending 2014 results; Plans to conduct PFS by early 2015 and bring the property into production by 2020.
Meliadine Gold	Agnico Eagle Mines	Gold	Proposed open pit and underground gold mine, 25 km NE of Rankin Inlet. Estimated construction jobs: 1000 Estimated mine jobs: 700	NIRB recommends to Minister that project proceed, October 10, 2014, subject to 127 terms and conditions. Updated technical study scheduled for late 2014 or early 2015.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	NIRB provides indication of acceptability of FEIS on October 16, 2014 and commences technical review. Anticipate final public hearing in 2015. Written submissions due by January 16, 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	2014 drill program complete; Technical Meeting/Pre-Hearing Conference November 13 – 19, 2014 in Cambridge Bay. Expect to file Final EIS in early 2015.
Hackett River	Glencore	Zinc, Silver, Copper, Lead	Proposed open pit mine. One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Estimated construction jobs: 800 Estimated mine jobs: 500	PFS initiated in September, 2012; Glencore is taking lead on advancing the Bathurst Inlet Road & Port project, with Sabina.
Izok Corridor Project (with High Lake & Hood River deposits)	MMG Resources Inc.	Copper, Zinc, Gold, Silver	High Lake is 1710 hectare, copper-zinc-silver-gold property, 190 km ESE of Kugluktuk. Izok is high-grade zinc-copper-lead-silver deposit, 255 km SW of Kugluktuk. Estimated construction jobs: 1,140 Estimated mine jobs: 710	MMG examining alternative designs to reduce costs, add value, and improve economic viability of the project. Stated publicly that the project needs infrastructure assistance to become a mine.

NWT & Nunavut Chamber of Mines – Northern Mining News

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. AEI and Parkson Star of Hong Kong signed MOU, May 17, 2014 to create JV called Savik Iron Mines. Now working towards DEIS.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. 68 kimberlites have been discovered to date with 8 being potentially economic.	2014 exploration program ongoing; planning underway for an important resource definition program designed to advance the project to the feasibility stage. Company plans to file Preliminary Economic Assessment in 2016.
Angilak	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit.	Kivalliq acquired property in 2008; 89,500 m on exploration and resource drilling to date; \$55 M on exploration expenditures to date; 13 new uranium zones discovered; Inferred resource 43.3 M lbs. U308 in 2.8 M tonnes grading .69% at.02% cutoff.
Qilalugak	North Arrow Minerals / Stornoway Diamonds	Diamonds	7 km from tidewater; 9 km from Repulse Bay, Melville Peninsula; 7,143 hectares of contiguous mineral claims.	1500 tonne sample awaiting processing and subsequent diamond valuation; results due Q1 2015 have potential to be transformative to the company; Inferred mineral resource 26.1 carats – 48.8 M tonnes with an average total diamond content of 53.6 cpht to a depth of 205 m.
Lupin & ULU	Elgin Mining Inc.	Gold, silver	Located SE of Kugluktuk. Lupin mine: past production; 3.7 M oz. ULU deposit: indicated mineral resource; 751,000 tonnes	Sept 3 news release: Overwhelming majority of shareholders voted in favour of the special resolution approving the sale of Elgin to Mandalay Resources Corporation.
ULU & Hood	WPC Resources Inc.	Gold	These properties contiguously cover more than 9,000 ha of the High Lake greenstone belt that is well known for hosting high-grade gold occurrences.	Sept 24 News Release, WPC Resources Closes Hood River acquisition and option for 80% of ULU gold property from Elgin.

Detailed Deposit Map

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



Project Maps

