

Northern Mining News

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From the Executive Director ...

This issue opens with a great commentary piece by Nunavut's Senator Patterson on the North's future importance to Canada.

As if to echo his observations, projects continue to advance in the North despite the economy, with Canadian Zinc receiving its final license required to build the Prairie Creek mine. At long last too, we see Baffinland's project advancing in Nunavut, with a significant sealift completed to get that new mine ready. Diavik takes two awards this month – for its progressive wind project and for its mine rescue skills. And in a new development, a new and unique NWT Aboriginal exploration company has been formed, and we wish them much success.

Finally, an interesting report by the McKinsey think tank that the supercycle is not dead. That's encouraging! And another on BC issues with land claims.

Happy reading ... TWH

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

Canada's future is the North by Senator Patterson

The following was written by the Honourable Dennis Patterson, Senator Nunavut

As a former Member of the NWT Legislative Assembly (1979 to 1995) and former NWT Premier, and now as a Senator for Nunavut, I would like to offer a few observations on what I consider to be an exciting new era of responsibility and self-determination which lies ahead for the people of the NWT.

This past June, our Conservative government signed an historic Devolution Final Agreement with the government of the NWT – a major milestone in the political and economic development of the NWT.

This has been decades in the making. During my time in the NWT Legislature and Cabinet, years of intense debate and hard work were devoted toward a day when Canada would devolve administration and control of public lands, resources and water to the people of the NWT. I am proud of the progress our government has made working with the NWT government, under the leadership of Prime Minister Stephen Harper and Premier Bob McLeod, to reach this critical juncture in the political evolution of the NWT.

However, equally critical in this development is the ability to provide a stable, predictable and timely regulatory system that encourages investment in exploration and development of the NWT's resources.

As a Senator, I have the opportunity to meet regularly with industry, government, Aboriginal and community representatives in the North. In these discussions, I have heard much about the tremendous economic potential of the NWT, but that in order to tap further into that potential a more responsive, predictable regulatory regime must be in place.

While the NWT is far ahead of its territorial neighbours in mineral production, with three producing diamond mines, further exploration of the NWT's significant mineral potential is required to lay the foundation for continued future economic prosperity and social well-being.

This is evident in significantly reduced mining exploration activity in the NWT, in sharp contrast to the two other territories.

Some comparisons with Nunavut provide striking examples: Between 2006 and 2013, Natural Resources Canada reports that exploration spending in the NWT came in at an estimated \$955M while Nunavut is estimated at \$2.7B.

In 2012, Nunavut ranked fourth in exploration spending for all of Canada, below mining giants Ontario, Quebec and BC, while the NWT ranked ninth.

With this in mind, our government introduced a Northern Strategy aimed at fostering a positive investment climate in the North that produces jobs, economic growth and long-term prosperity.

A lot of work has been done in recent years towards regulatory improvements in the NWT. It is imperative that a responsive, predictable and timely regulatory system be put in place to ensure devolution in the NWT will be successful. It must safeguard the North's environment and heritage and ensure meaningful Aboriginal consultation.

The NWT is on the verge of remarkable changes. In living memory, the NWT has evolved from a territory governed by a Territorial Council and powerful Commissioner appointed by a federal Minister, to a fully elected Legislative Assembly and Cabinet soon to inherit full control over the territory's lands and resources. This is a truly exciting milestone!

This is the North's time to realize its full potential for the benefit of all NWT residents and all Canadians! The Prime Minister summarized this vision best when he said, during a recent Northern tour: "To see the future of Canada, look North."

Canadian Zinc Receives Last Licence required for Prairie Creek Mine

On September 18, Canadian Zinc Corporation announced that it had received notification that the Honourable Bernard Valcourt, Minister of Aboriginal Affairs and Northern Development (Canada), has approved and signed the Type "A" Water Licence for the Company's Prairie Creek Mine in the Northwest Territories, Canada.

The Type "A" Water Licence, MV2008L2-002, was issued by the Mackenzie Valley Land and Water Board ("MVLWB") on July 8, 2013 and, with this approval by the Minister, will permit Canadian Zinc to conduct mining, milling and processing activities at the Prairie Creek Mine Site, use local water, dewater the underground mine and dispose of waste from mining and milling.

The Type "A" Water Licence, valid for a period of seven years, is the final permit needed for the construction, development and operation of the Prairie Creek Mine.

Alan B. Taylor, COO of Canadian Zinc stated, *"Approval of the Water Licence is a major milestone in the development of the Prairie Creek project and represents the culmination of a five year environmental assessment and regulatory process. We would like to recognize the collaboration and cooperation of the Review Board, the Water Board, Parks Canada and other Regulators throughout this process, as well thank the Government of the Northwest Territories, Nahanni Butte Dene Band and Liidlíi Kue First Nation and the Dehcho First Nations, for their support of the Prairie Creek project."*

The Minister of Aboriginal Affairs and Northern Development gave his approval for the Water Licence as recommended by the MVLWB in accordance with Section 81 of the *Mackenzie Valley Resource Management Act*. In transmitting the signed licence to the Water Board, the Minister noted his understanding *"that this was a particularly challenging licence for all involved in the licencing process. This licence is in relation to a project that is subject to a series of very unique circumstances which have given rise to the need for innovative solutions."* The Minister noted *"the need for a novel approach to water treatment was identified early on in the regulatory process due to the unique environmental conditions of the mine site."*

In January 2013, the MVLWB issued Land Use Permit ("LUP") MV2012F007 which permits the construction, maintenance, operation and use of the winter access road connecting the Prairie Creek 2

Mine to the Liard Highway. This permit allows the outbound transportation of the zinc and lead concentrates produced at the mine, and the inbound transportation of fuel and other supplies during the actual operation of the Prairie Creek Mine.

In June 2013, the MVLWB issued LUP MV2008D0014 which permits Canadian Zinc to extract ore and waste rock from the Prairie Creek Mine, operate a flotation mill concentrator to produce zinc and lead concentrates, create a waste rock facility, and refurbish and develop site facilities in support of the mining operation, along with the eventual closure and reclamation of the mine site.

Also in June 2013, the MVLWB issued LUP MV2008T0012 which permits Canadian Zinc to construct and operate the Liard Transfer Facility to be situated near the junction of the existing Prairie Creek Mine access road and the Liard Highway. The Liard Transfer Facility is a staging area at the south end of the winter access road designed to temporarily store outbound concentrate and inbound supplies.

In September 2013, Parks Canada issued Water Licence Parks2012_W001 WL and Land Use Permit Parks2012-L001 LUP, for the construction and operation of that part of the access road to the Prairie Creek Mine, which passes through the Nahanni Nation Park Reserve. Both are valid for a period of five years until August 28, 2018.

“With the approval by the Minister of the Type “A” Water Licence, and with the Land Use Permits previously issued by the Water Board and Parks Canada, Canadian Zinc now holds all the necessary permits for the road access construction, development mining and milling at the Prairie Creek Mine”, added Alan Taylor.

Baffinland Announces Construction Decision for Mary River Project

On September 13, Baffinland Iron Mines Corporation announced its formal decision to proceed with approved construction activities associated with the Mary River Project.

The construction decision has been made possible as a result of the recently completed Inuit Impact Benefit Agreement (IIBA) and Commercial Production Lease (CPL), which were executed jointly with the Qikiqtani Inuit Association on September 6th. The Mary River Project has been undergoing extensive environmental impact assessment for the past 5 years, which culminated in a Nunavut Impact Review Board Project Certificate in December of 2012.

The receipt of the Project Certificate paved the way for the Class A Water License process to be completed with the Nunavut Water Board in July 2013. Collectively, these approvals along with the IIBA and CPL are key ingredients in being able to come to a construction decision.

“Announcing a construction decision is a significant milestone in the evolution of the Mary River Project. Many years of environmental reviews and negotiations have led us to be able to reach this decision. Our work at Mary River and Milne Inlet will focus on construction activities that are currently approved through the environmental assessment process. As further approvals are obtained in the coming months our construction activities will encompass development required to achieve our Early Revenue Phase and allow for the eventual shipment of ore,” stated Tom Paddon, President and CEO of Baffinland.

In early 2013, Baffinland began mobilizing construction material, fuel, and equipment via sealift to facilitate construction activities. Along with mobilization efforts, extensive training and recruitment initiatives have, and will be undertaken by the company, allowing for Inuit,

particularly from the North Baffin communities to participate in employment opportunities created by the Mary River Project.



Aerial view of Baffinland's Milne Inlet camp with ship in background, Sept 18. ©Baffinland Iron Mines 2013

Baffinland Announces Successful Completion of 2013 Sealift

On October 7, Baffinland announced it had successfully completed its 2013 sealift season. In total, nine dry cargo and three fuel vessels were utilized, safely transporting 173,000 m³ (32,700 tonnes) of cargo, 33 million litres of arctic diesel and 2.1 million litres of Jet A fuel. All vessels were safely off-loaded at Milne Port site. A portion of the cargo and fuel delivered to Milne Port will be transported to the Mary River mine site, via the existing 100 km tote-road, to support construction activities.

In order to complete this enormous mobilization effort, Baffinland contracted two majority Inuit Owned companies: Nunavut Sealink & Supply Inc. (NSSI) and Nunavut Eastern Arctic Shipping Inc. (NEAS). These contractors were utilized for the shipping of cargo and the supply and shipping of fuel. The total contract value for these arrangements was approximately CDN \$60 million dollars.



**First 737-200 passenger jet arriving at Mary River site, Sept 26, 2013. Weekly jet service has commenced.
©Baffinland Iron Mines 2013**



*Baffinland has now complete the 2013 cargo and fuel seallift deliveries to support the construction of camp and fuel storage facilities that will allow for construction activities to continue throughout late 2013 and into 2014.
Photo by Mark Pike, ©Baffinland Iron Mines 2013*

“A successful sealift operation takes meticulous planning and execution in order to be safely and effectively completed. The Baffinland team, along with the knowledge and experience of our Inuit Owned contractors, allowed our project to get underway on schedule,” commented Ron Hampton, Baffinland’s Vice President and Project Director.

The Mary River Project has undergone an extensive environmental impact assessment for the past five years, which culminated in a Nunavut Impact Review Board Project Certificate in December of 2012. The receipt of the Project Certificate paved the way for the Class A Water License process to be completed with the Nunavut Water Board in July 2013. Collectively, these approvals along with the Inuit Impact Benefit Agreement and Commercial Production Lease were key ingredients in being able to begin mobilizing and commencing construction activities.

The successful completion of the 2013 sealift will support construction activities at both Milne Port and Mary River, which will continue throughout 2013 and into 2014 winter season, with first ore production expected in 2015.

For more information visit: <http://www.baffinland.com/>

Izok Corridor – First Half 2013 Review

During the first half 2013 work continued on evaluating the feasibility and alternative engineering opportunities to develop the Izok and High Lake base metal deposits.

The geological resource models for Izok and High Lake were updated during the first half 2013 and the metallurgical test work program was also completed. Engineering, execution planning and cost estimations of the Izok concentrator processing facility and associated infrastructure to feasibility study level were also completed. The evaluations of alternative engineering opportunities aimed at improving the project economics were initiated. These include maximising the modularisation of the process plant and infrastructure to reduce capital costs, and modifying the mine schedule and production plan to optimise cash flow, operating expenses and shipping costs.

On 16 April 2013 the Canadian Minister of Aboriginal Affairs and Northern Development approved the Izok Corridor project to proceed to the next stage of the environmental assessment and regulatory review process following MMG’s submission of the project proposal in August 2012.

MMG subsequently requested that the Nunavut Impact Review Board (NIRB) not proceed with the public scoping process and development of draft Environmental Impact Assessment (EIS) guidelines until MMG submits an updated project description. The purpose of this request is to ensure that sufficient detail regarding proposed project activities, components and development schedules reflecting the outcomes of the feasibility and the alternative engineering opportunities is included in the project description. The NIRB agreed to MMG’s request.

MMG intends to advise the NIRB of a proposed submission date by the end of 2013.

Total expenditure for the Izok Corridor project in the first half 2013 totalled US\$10.1 million, taking the expenditure to date on the Izok Corridor project to US\$46.7 million.

The Izok Corridor project includes the Izok and High Lake deposits located in the Slave Geological Province in Nunavut, northern Canada. Izok Lake is a large deposit with a Mineral Resource of 14.8 million tonnes at 12.8% zinc and 2.5% copper. The High Lake deposit, located north of Izok, has a Mineral Resource of 17.2 million tonnes at 3.4% zinc and 2.3% copper. MMG also holds other base metal deposits in the region and exploration tenements totalling 5,000 square kilometres.

NWT Devolution Update: New Departmental Structure after Devolution

The signing of the *Northwest Territories Lands and Resources Devolution Agreement* on June 25, 2013, marked a major milestone in the political and economic development of the Northwest Territories. The Agreement will see responsibility for managing public land, water and resources in the NWT transfer from the Government of Canada to the Government of the Northwest Territories (GNWT) on April 1, 2014.

After devolution, the GNWT will be responsible for delivering public programs related to land, water and resource management in the territory. These programs are currently being delivered by the federal Department of Aboriginal Affairs and Northern Development Canada (AANDC), both through its regional office in the NWT and in the department's Ottawa location. In keeping with the devolution agreement, staff in the NWT will be given the opportunity accept a job offer with the GNWT. Ottawa-based employees delivering programs will not be transitioning. The GNWT will create and staff new positions to undertake this work.

The following changes to the GNWT's departmental structure will also be required to accommodate these new program responsibilities.

Industry, Tourism, and Investment (ITI)

The Department of Industry, Tourism and Investment (ITI) will integrate new responsibilities devolved from the federal government related to its mandate with its existing responsibilities.

Click [here](#) for the ITI organizational chart. After devolution, ITI responsibilities will include:

- Programs and services related to mineral and petroleum resources exploration and development
- Manage land tenure and the registration of mineral and petroleum resource rights
- Administration of mineral and petroleum resource royalties
- Economic analysis associated with petroleum and mineral resource developments
- Coordination of petroleum resource policy and planning through the Mackenzie Valley Petroleum Planning Office
- Research and advice related to geoscience through the NWT Geoscience Office
- Guidance on Aboriginal consultation requirements and the NWT regulatory system associated with mineral and petroleum rights, exploration and activities to industry and communities
- Overall energy planning and policy development
- Operating public tourism facilities, including a system of NWT parks
- Tourism marketing, training and product development
- Economic analysis in support of economic diversification

- Business advice and access to investment capital with the NWT Business Development and Investment Corporation and Community Futures Organizations
- Traditional economy programs and services, including arts and fine crafts, film, agriculture, fisheries, trapping and commercial game harvesting
- National and international trade matters for the GNWT
- Negotiation and monitoring of socio-economic agreements with resource developers

Environment and Natural Resources (ENR)

The Department of Environment and Natural Resources (ENR) will integrate new responsibilities devolved from the federal government related to its mandate with its existing responsibilities.

Click [here](#) for the ENR organizational chart. After devolution, ENR responsibilities will include:

- Waste Reduction and Management
- Sustainable Forest Management
- Forest Fire Management
- Conservation Lands Planning and Protected Areas
- Biodiversity Conservation
- Water Regulation
- Watershed Programs and Partnerships
- Taiga Environmental Laboratory
- Environmental Impact Assessment, Cumulative Impact and Monitoring
- Contaminated Sites and Remediation
- Environmental Protection
- Wildlife Research and Management
- Operational Policy, Legislation and Communications and Strategic Planning
- Interim Resource Management Assistance
- Traditional Knowledge
- GNWT Science Agenda
- Climate Change Programs
- Energy Alternatives
- Field Support Services, including the inspection and enforcement of leases, licenses and permits issued by the department.



Lands

A new department will be established to support, manage, protect and administer the sustainable use of public land in the NWT. The new department's responsibilities will include responsibilities for Commissioner's Lands currently delivered by MACA as well as new lands related responsibilities devolved from the Federal Government:

- Administration and management of Commissioner's Land and Territorial Lands (land inventories, leases, dispositions, valuation, survey applications, mapping)
- Land use sustainability standards, guidelines and policies
- Land use initiatives
- Major Project assessments
- Land use planning, including regional land use plans
- Land use administration, including permitting and securities
- Compliance and enforcement of land use, including inspections
- Informatics shared service centre, supporting ITI, ENR and Lands

On September 30, Premier McLeod announced Mark Warren is the new Deputy Minister.

Click [here](#) for the ITI organizational chart.

Municipal and Community Affairs (MACA)

The Department of Municipal and Community Affairs (MACA) will transfer its existing responsibilities for public land management (i.e. Commissioner's Land) to the new Lands Department.

After devolution, MACA responsibilities will continue to include:

- Community Operations and Governance
- Community Governance
- School of Community Government
- Sport, Recreation, and Youth
- Emergency Measures and Emergency Management
- Office of the Fire Marshall

Click [here](#) for the MACA org chart.

For more information on devolution click [here](#) or on the thumbnail image.

Fraser Institute's 12th Annual Survey Now Underway

The Fraser Institute's 12th annual survey of mining companies is now underway and will continue until the end of November.

Access the survey by clicking here: [2013 Mining Survey](#).

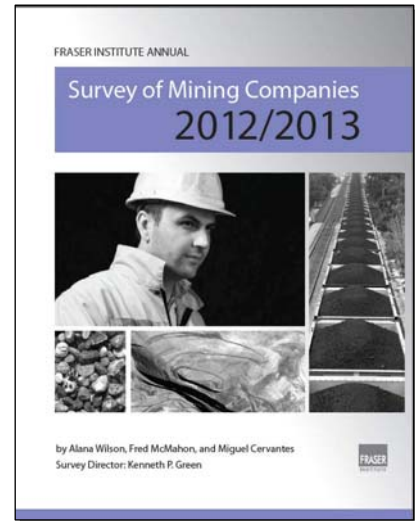
The data collected will allow the survey team to identify those provinces, states, and countries that pose the greatest barriers to investment in the mining sector, as well as the reasons underlying any significant shifts in the jurisdictional rankings from a year ago.

As always, we encourage our members to participate. The survey will help to ensure that the results reflect the views of you - our industry professionals who have first-hand knowledge of the mining investment climate in the NWT and Nunavut, and in countries around the globe.

Companies' candid and anonymous opinions on governments' mining policies will also help us provide a powerful tool to identify where positive change is needed.

As always, all information collected through the survey remains confidential.

Last year's Survey of Mining Companies 2012/2013 can be downloaded [here](#) or by clicking on the report thumbnail.



DEMCo – A New NWT Aboriginal Exploration Company is launched

There's a new and unique exploration company in the NWT, and it's 100% Aboriginal owned.

Called Denendeh Exploration and Mining Company, **DEMCo** is a 100% owned Dene company created to explore and develop potential resources. Activities include researching potential areas of mineralization, acquiring mineral properties, grass roots exploration, exploration drilling, resource definition, feasibility studies, mining and associated exploration remediation and reclamation projects.

DEMCo's vision is to explore, find, own and operate mines, and their first employee is Trevor Teed, long term Northern prospector who many in the industry will know.

Some of DEMCo's first acquisitions include 13 mineral claims and 2 leases at the old Terra mining camp near the mouth of the Camsell River at Great Bear Lake. The Terra mining camp produced over 16 million ounces of silver, and the property falls within geology suitable for IOCG type deposits similar to Fortune's NICO deposit to the south.

DEMCo has also acquired 13 mineral claims that cover 8 known kimberlites and encouraging geophysical anomalies. And to round out their portfolio, they have acquired the Bugow claims covering a gold iron formation about 100 kilometres northwest of Yellowknife. Bugow was previously held by Strongbow Resources.

DEMCo is owned by **Denendeh Investments Limited Partnership (DILP)**, headed up by Darrell Beaulieu, and headquartered in Yellowknife. DILP was established to create long term economic self-sufficiency for the Dene through profitable business ventures. Today, it has business interests in construction, power distribution, digital communications, real estate, and in a petroleum drilling and well service company.

Owners of DILP include the NWT First Nations from the Gwich'in, Sahtu, Dehcho, Tlicho and Akaitcho regions including Denendeh Development Corporation, a not-for-profit corporation whose membership consists of representatives from each of the 27 Dene First Nations communities.



For more information, visit: <http://www.denendehinvestments.ca/> or contact their President, Darrell Beaulieu.

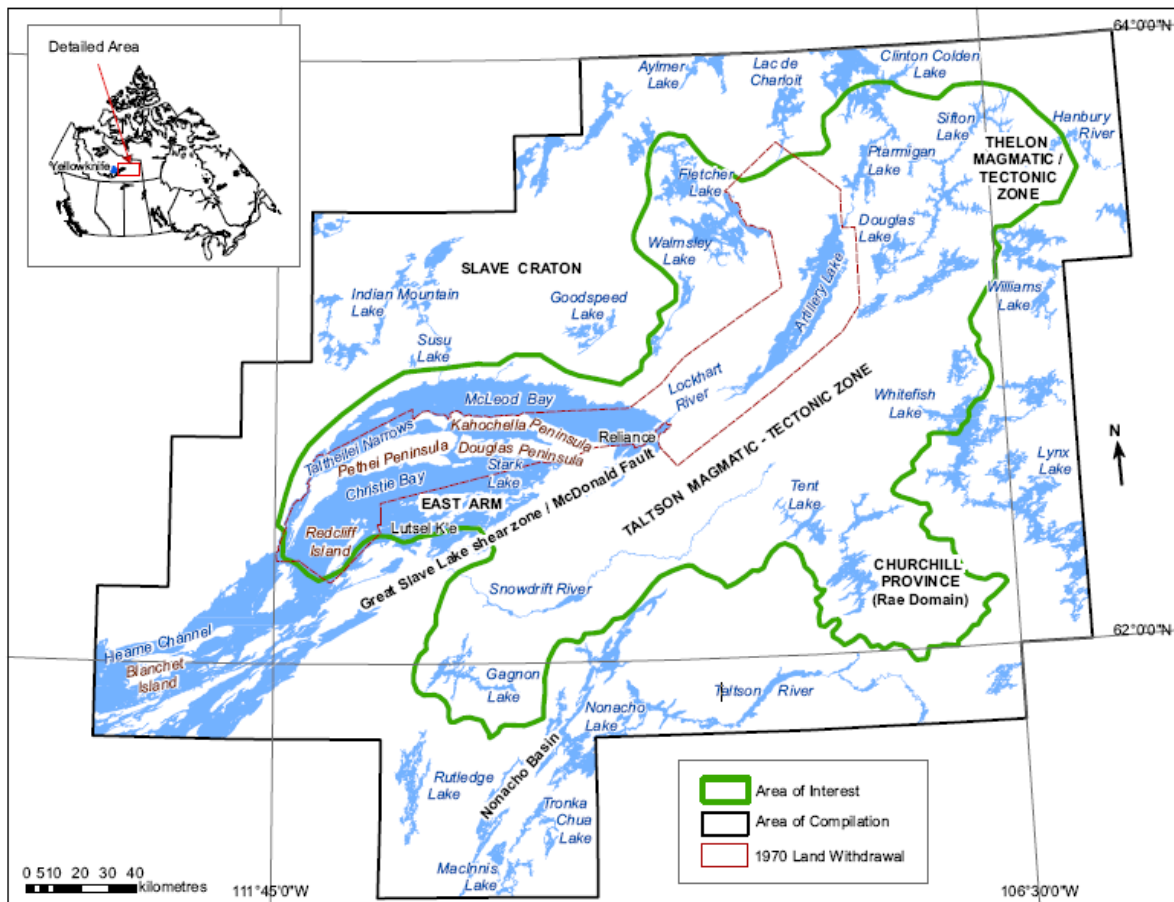
NERA released for Thaidene Nene (East Arm) National Park Proposal

Parks Canada, the Government of the NWT and Aboriginal parties are working collaboratively to establish a national park reserve in the Thaidene Nene area of the East Arm of Great Slave Lake, Northwest Territories.

As part of the national park establishment process in the NWT and Nunavut, federal policy requires an analysis of mineral and energy potential in the region.

This and other studies will be used to help determine a boundary for the national park reserve that protects natural and cultural features while ensuring access to mineral resources.

The mineral assessment is now complete and available for download, free of charge, through Natural Resources Canada's website at <http://geoscan.nrcan.gc.ca>. It's a whopping big file that will take hours to download, but the Table of Contents and Executive Summary is available on the Chamber of Mines website by clicking [here](#) (note it is 10Mb).



Map showing Area of Compilation (AOC) and Area of Interest (AOI) for the currently proposed park.
The location of an earlier AOI

Diavik, Tlicho government renew participation agreement

Diavik Diamond Mines Inc., operator of the Diavik Diamond Mine in Canada's Northwest Territories, and the Tlicho Government are pleased to announce the renewal of the Diavik Diamond Mines Inc. – Tlicho Government Participation Agreement.

With the renewal agreement, signed in Whati on September 11, both parties are demonstrating their continued commitment to ensuring that the Diavik Diamond Mine provides social and economic benefits for the Tlicho people.

The renewal agreement applies to Diavik's remaining mine life, currently projected to be to 2023, and reconfirms the parties' commitments initially set out in the original 2000 participation agreement.

Details of the agreement remain confidential.

"This agreement reflects our continued commitment to ensuring that we do all we can to ensure that the Tlicho people realize meaningful benefits, including continued training, employment, and business benefits," said Diavik Diamond Mines Inc. President and Chief Operating Officer Niels Kristensen. "We pride ourselves on operating sustainably and key to this are the relationships built with our Aboriginal partners," he added. "Our participation agreements, which we have with the Tlicho Government and four other Aboriginal communities, are all based on mutual respect, active partnership, and long-term sustainable commitments."

"The Tlicho Government is pleased with the outcome of this updated agreement and the continued benefits that will be realized by the Tlicho people for the remainder of the Diavik Diamond Mine," said Tlicho Grand Chief Eddie Erasmus. "This renewed agreement is a reflection of the strength of our relationship with Diavik."

The Diavik Diamond Mine, located 300 km. northeast of Yellowknife, Northwest Territories, is an unincorporated joint venture between Diavik Diamond Mines Inc. (60%) and Dominion Diamond Diavik Limited Partnership (40%). Both companies are headquartered in Yellowknife, Canada. DDMI is a wholly owned subsidiary of Rio Tinto plc of London, England, and Dominion Diamond Diavik Limited Partnership is wholly owned by Dominion Diamond Corporation of Toronto, Canada.

For further information contact Doug Ashbury, Adviser Communications at Tel: (867) 669-6500, or visit www.diavik.ca.

Diavik wins at regional mine rescue Competition

Diavik Diamond Mines Inc., operator of the Diavik Diamond Mine, is pleased to announce its mine rescue team has won the National Western Region Mine Rescue Competition's underground event held earlier this month in Fernie, British Columbia.

The competition included provincial, territorial and state mine rescue teams from the Northwest Territories, Nunavut, Alberta, British Columbia, Manitoba, Saskatchewan, the Yukon, and north-western United States.

The Diavik team, drawn from the mine's emergency response team (ERT), included Coordinator Alex Clinton, Captain Nathan Pitre, Vice-captain Brent Karstad, Chris Auld, Corey Hancock, Craig Archibald, Andrew Furlong, and Coach John Arnold.

Diavik competed against eight other mines in the underground competition which includes fire fighting, bench (a technical equipment problem), obstacle and recovery, smoke/search, and first aid tasks, and practical skills and written tests.

In winning the overall underground title, Diavik's team placed first in the smoke/search and the written tests.

"This event includes high-level competition and is only held every two years," said Diavik Health, Safety, and Environment Manager Stephen Bourn. "What makes this win impressive is that this is our team's third consecutive underground title in Fernie," he added. "I would like to thank all of the members of Diavik's emergency response team who put in countless hours to ensure we are prepared to respond to an emergency here at Diavik." Diavik qualified for the regional competition as a result of its performance at the Workers' Safety and Compensation Commission's NWT Mine rescue competition held in June in Yellowknife.

"Competitions are important because it allows the team to put their training into practice in a competitive environment which simulates a real emergency situation," Bourn added.

Diavik wind farm wins Canadian Wind Energy Association award

The Diavik Diamond Mine has been awarded the Canadian Wind Energy (CanWEA) 2013 Group Leadership Award for its four turbine, 9.2 megawatt wind project constructed at its mine site at Lac de Gras, 300 kilometres northeast of Yellowknife, NWT.

With the successful installation of its wind farm, operational since September 2012, Diavik is a



global leader in cold climate, off-grid renewable energy and operator of the world's largest wind-diesel hybrid power facility.

During its first year of operations, the wind farm, constructed at a cost of \$31 million, has reduced the mine's diesel fuel consumption by 3 million litres. On average, the wind farm has supplied 7 per cent of the mine's power needs peaking at 58 per cent. Located on the subarctic tundra, it is the first large-scale wind farm constructed in the Northwest Territories.

First awarded in 2001, the CanWEA Group Leadership Award is presented annually to a government, corporation, or non-profit organization that has, through their efforts and body of work over time, contributed significantly to the advancement of wind energy in Canada.

"It is an honour to have received this award. Numerous individuals played a role in this project and everyone at Diavik shares in this recognition," said Diavik Diamond Mines Inc. President Marc Cameron.

"Our investment in this project, and our work to ensure its success, demonstrates our commitment to environmental protection and shows wind power is a viable power source in remote cold climates," he added.

The award was announced October 8 at CanWEA's annual conference in Toronto.

Rumours of the supercycle's death are greatly exaggerated – McKinsey

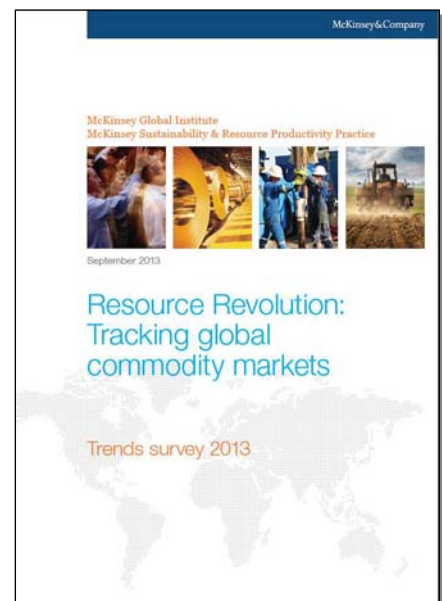
It may be tempting to view recent declines in commodity prices as the end of the resource "supercycle"—the period of sharp price rises and heightened volatility since the turn of the 21st century.

According to this McKinsey Global Institute's (MGI) report: ***rumors of the supercycle's death are greatly exaggerated.***

Despite recent falls, commodity prices are still near their levels of early to mid-2008, just before the global financial crisis hit.

The first annual survey of resource markets was conducted by the McKinsey Global Institute and McKinsey's sustainability and resource productivity practice. They found that a key reason for the price resilience appears to be higher marginal supply costs, which continue to rise for most commodities. While the world does not face any near-term absolute shortages of natural resources, the research finds that increasing supply will be a challenge. In particular, prices reflect three persistent forces: a challenging geology that makes it hard to extract resources and the technological supply-side innovations and resource-productivity improvements that counteract those challenges.

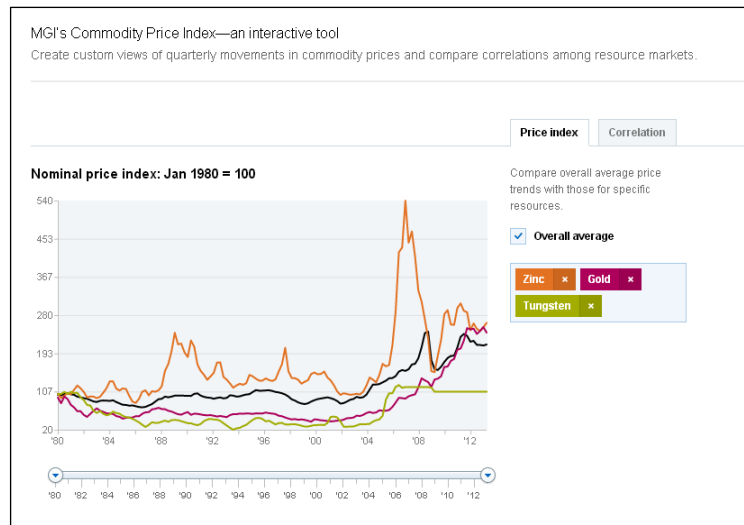
MGI believes that resource markets will be shaped in coming years by a race between emerging-market demand and the resulting need to increase supply from a more challenging



geology and the twin forces of supply-side innovation and resource productivity. Innovations such as the use of 3-D and 4-D seismic technologies for energy exploration can improve access to resources. Productivity gains can reduce the wastage of food and water and make buildings more energy efficient. The question is whether technology and resource productivity can improve fast enough to counter the impact of emerging-market demand and a more challenging geology.

The race is on.

Click [here](#) to try the interactive commodity price tool. Click [here](#) or on the report thumbnail to download the full report.



To track the movements in commodity prices over time, use the interactive, “MGI Commodity Price Index—an interactive tool” available on their website.

Unresolved Aboriginal land claims and government land-use policies deterring mining investment in BC

Uncertainty about disputed land claims and government land-use policies make British Columbia too risky for many mining investors, concludes a new study published today by the Fraser Institute, an independent, non-partisan Canadian public policy think-tank.

The study, [British Columbia's Mining Policy Performance](#), found that uncertainty in land and resource ownership was a prime deterrent of mining investment and that in some instances mining companies are dealing with several aboriginal groups with overlapping and differing claims in a single area.

“Miners must have confidence in the stability, predictability, and transparency of the policy environment in which they operate,” said Kenneth P. Green, senior director of the Fraser Institute’s Centre for Natural Resources.

“If BC’s government wants to attract mining investment to the province, it should push ahead to settle land and resource ownership disputes in a timely manner.”

For investors, the lack of certainty compounds the significant risks that are inherent in mineral resource exploration and development projects. It is estimated that only one out of 5,000 projects can mature into a mine.

“All levels of government must find a way to resolve aboriginal land claims and the consultation process, to find a way to make it work better than it does at present,” Green said.

“The federal government can work to clarify the duty of mining companies to consult with aboriginal groups, and find ways to improve the consultation process. Determining which

practices have had the most success, and encouraging wider adoption of those practices, might be a helpful step.”

Other major barriers identified in the study include uncertainty around land being shifted into parks and wilderness areas, environmental regulations that may not be consistent, and duplicate federal and provincial responsibilities for mine project reviews.

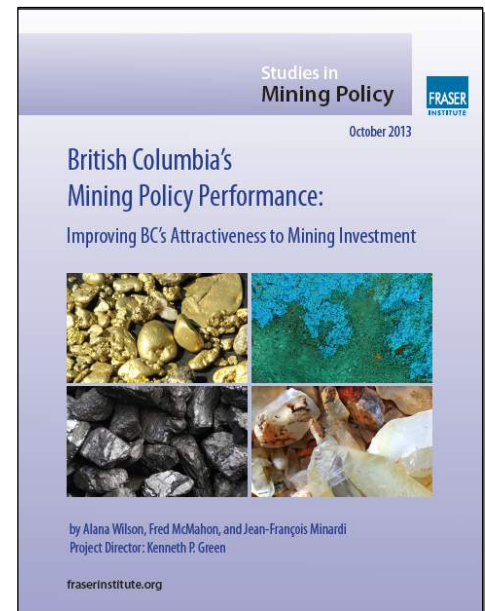
One concern arising from uncertainties discussed in the report is the potential for miners to favor brownfield areas where aboriginal, land use and regulatory issues are settled. That would mean fewer opportunities for exploration companies to identify new mineral deposits to support the BC economy in the future.

“You are going to have diminishing returns over time if you go back to the same place again and again,” Green said.

“You also risk missing large opportunities in regions of the province that would benefit from new economic development.”

Lead author Alana Wilson, Fraser Institute senior economist, said the survey shows the lasting effects of abrupt policy changes on deterring mining investment, such as the British Columbia government’s retroactive ban on mining in the Flathead Valley in 2010.

“While B.C. is no longer viewed as hostile to mining, sustained efforts are needed in resolving disputed land claims, providing finality on the two-zone land system, and building investor confidence in being able to develop deposits in a predictable and timely manner,” Wilson said.



The study is derived in part from the Fraser Institute’s annual global survey of mining companies in 96 jurisdictions around the world. Just over half of respondents represented exploration companies while 20 per cent represented producer companies with more than US\$50 million in annual revenue.

Unresolved aboriginal land claims were cited as a ‘strong’ deterrent by 33 per cent of respondents, while uncertainty over protected areas was cited as a barrier by 25 per cent.

Uncertainty concerning environmental regulations was cited as a barrier by 23 per cent. Regulatory duplication — such as uncertainty about overlapping environmental assessment processes and unstable tax systems — was cited as a barrier by 16 per cent.

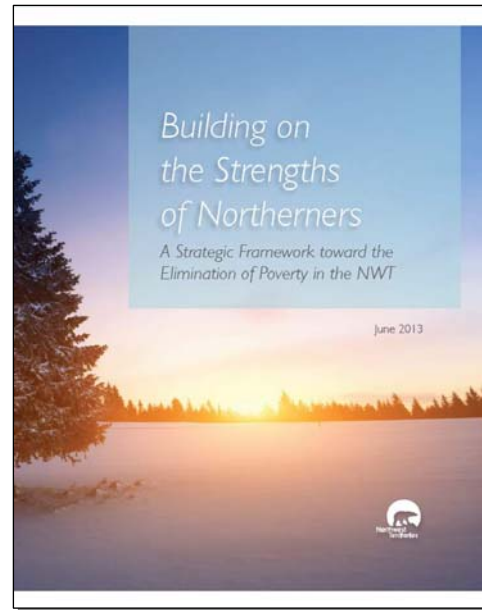
NWT Government Releases Anti-Poverty Strategy

The Government of the Northwest Territories (GNWT) has released [*Building on the Strengths of Northerners*](#), a strategic policy framework, the first step in a long-term plan to eliminate poverty in the NWT.

Poverty is highlighted in an example of one community Paulatuk, on page 17 of the report.

The framework provides an overview of what GNWT is doing now and what they need to do in the future to realize a vision of a poverty-free NWT. It is based on years of community discussions, research, and interagency work and identifies five main priorities for action:

- 1) Children and Family Support
- 2) Healthy Living and Reaching Our Potential
- 3) Safe and Affordable Housing
- 4) Sustainable Communities
- 5) Integrated Continuum of Services



[*Building on the Strengths of Northerners*](#) is a vision document, and makes the case for addressing social inequities: it is the right thing to do for those living in poverty, and it is the fiscally responsible decision for all residents of the NWT.

The GNWT recognizes its leadership role in realizing the vision and goals. They point out that poverty is bigger than any one government, organization, or community, and we need to come together as a territory to work towards the elimination of poverty in the NWT.

Building on the Strengths of Northerners aims to align the policies and programs of partners working to address the root causes of poverty across the territory, harmonizing our work and ensuring a coordinated approach.

The next step is to develop and implement an action plan over the coming months identifying specific activities to be taken by all levels of government, community organizations and the private sector to address each priority. This will be accompanied by a performance measurement and monitoring plan.

A comprehensive measurement and evaluation plan will assess the impact of this work on the lives of NWT residents living in poverty.

Clearly when employment is one of the social determinants of health, our mining industry can be a powerful tool.

The Strategy can be downloaded by clicking [here](#) or on the report thumbnail.

Member News Releases this past month

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

- **Diavik wind farm wins Canadian Wind Energy Association award** (October 8, 2013) Diavik Diamond Mines Inc., operator of the Diavik Diamond Mine in Canada's Northwest Territories, is pleased to announce that it has been awarded the Canadian Wind Energy (CanWEA) 2013 Group Leadership Award .. for its four turbine, 9.2 megawatt wind project at its minesite 300 kilometres NE of Yellowknife, NWT. [Click for more](#)
- **Platinum Group Metals Announces the Start of New Exploration on the Waterberg Extension Prospecting Rights** (October 2, 2013) Platinum Group Metals Ltd. announces that today the Department of Mineral Resources of South Africa has granted Prospecting Rights and consent for prospecting to commence ... [Click for more](#)
- **North Arrow Updates Lac de Gras Diamond Project, NWT** (October 3, 2013) North Arrow Minerals Inc. has been notified by Dominion Diamond Corporation that the 2013 field exploration program at the companies' 125,000 hectare Lac de Gras Diamond Project, NWT is now complete. [Click for more](#)
- **TerraX assays 62.90 g/t Au over 5.00 m ... at Northbelt property, Yellowknife Gold Camp** (October 2, 2013) TerraX Minerals Inc. is pleased to report further high grade gold assay results from drill core re-logged and re-sampled from its Northbelt property in the Yellowknife gold camp, Northwest Territories. [Click for more](#)
- **Stornoway Arranges \$20M Bridge Facility For Renard Diamond Project** (October 2, 2013) Stornoway Diamond Corporation is pleased to announce that it has entered into an unsecured non-revolving bridge credit facility of up to \$20 million with Ressources Québec, a subsidiary of Investissement Québec, Stornoway's largest shareholder ... [Click for more](#)
- **Agnico Eagle provides notice of release of third quarter 2013 results and conference call** (October 1, 2013) Agnico Eagle Mines Limited today announced that it will release its third quarter 2013 results on Wednesday, October 23, 2013, after normal trading hours. [Click for more](#)
- **Prosperity Goldfields' Company Update** (September 30, 2013) Prosperity Goldfields Corp. reports the completion of a summer field program consisting of re-logging diamond drill core and surveying of mineral claims at its Kiyuk Lake Property, Nunavut. [Click for more](#)
- **Copper North Executes Share Exchange Agreement** (September 30, 2013) Copper North Mining Corp. announces that it has signed an agreement to exchange 14.5 million units of Copper North for 442,423 ordinary shares of Global Resources Investment Trust Plc. [Click for more](#)
- **Diavik, Stanton announce funding partnership** (September 27, 2013) Diavik Diamond Mines Inc. and the Stanton Territorial Hospital Foundation are pleased to announce a new funding partnership. Under the agreement, Diavik will donate \$45,000 to the Foundation over the next three years. [Click for more](#)
- **Elgin Mining Closes Bridge Loan Facility** (September 25, 2013) Elgin Mining Inc. is pleased to announce that it has completed the bridge loan credit facility with Sprott Resource Lending Partnership ... for the \$5 million at an interest rate of 10 percent per annum ... [Click for more](#)
- **Baffinland Announces Construction Decision for Mary River Project** (September 13, 2013) Baffinland Iron Mines Corporation is pleased to announce a formal decision to proceed with approved construction activities associated with the Mary River Project. [Click for more](#)
- **Avalon Announces "At-The-Market" Issuance Program and Filing of Prospectus Supplement** (September 25, 2013) Avalon Rare Metals Inc. is pleased to announce that it has entered into a sales agreement with Cowen and Company ... to sell shares ... [Click for more](#)
- **Fortune Minerals takes voluntary steps to peacefully resolve Arctos Project disturbance** (September 23, 2013) Fortune Minerals Limited is taking voluntary steps to assist the British Columbia and Tahltan Governments in peacefully resolving a disturbance that has been occurring at the Company's Arctos Anthracite metallurgical coal project site in Northwestern BC. [Click for more](#)
- **MMG enters nickel exploration joint venture with IMX Resources in Tanzania** – 20 Sep 2013 – MMG Limited is pleased to announce that it has reached agreement with IMX Resources Limited to undertake a

joint venture interest in their Nachingwea project, which includes the Ntaka Hill Nickel Sulphide Project, [click for more](#)

- **Seabridge Gold Finds Strong Continuity Of Higher Grade Material At Deep Kerr**(September 24, 2013) Seabridge Gold announced today that additional drilling of the Deep Kerr core zone continues to yield wide intercepts of higher grades on its 100% owned KSM project in north western British Columbia. [Click for more](#)
- **Gitxsan Nation Expresses Support for Seabridge Gold's KSM Project** (September 23, 2013) Seabridge Gold announced today that its KSM Project in Northwestern British Columbia has been endorsed by the Gitxsan Nation, a First Nation and participant in the Working Group now reviewing Seabridge's application for an Environmental Assessment Certificate. [Click for more](#)
- **William Lamb Joins North Arrow Board of Directors** (September 23, 2013) North Arrow Minerals Inc. is pleased to announce that Mr. William Lamb has joined the Company as an independent member of the Board of Directors. [Click for more](#)
- **Kennady Diamonds Dispatches 3,454 kg's of Kimberlite for Processing** (September 18, 2013) Kennady Diamonds Inc. is pleased to announce that approximately 3,454 kilograms of kimberlite has been dispatched ... for recovery of diamonds from the drill program at the Kennady North diamond project, NWT. [Click for more](#)
- **MMG Limited 2013 Interim Report** (September 19, 2013) MMG Limited is pleased to release its Interim Report for the six months ended 30 June 2013. MMG was pleased to deliver a profit of US\$35.9 million in the first half 2013, despite weaker commodity prices. [Click for more](#)
- **TerraX reports high grade gold assays, Northbelt Property, NWT** (September 18, 2013) TerraX Minerals Inc. is pleased to report high grade gold assay results from drill core re-logged and re-sampled from its Northbelt property in the Yellowknife gold camp, Northwest Territories. These 36 holes reported today had been drilled at the ... [Click for more](#)
- **Canadian Zinc Granted Water Licence for Prairie Creek Mine** (September 18, 2013) Canadian Zinc Corporation is very pleased to announce that it has received notification that the Honourable Bernard Valcourt, Minister of Aboriginal Affairs and Northern Development has approved and signed the Type "A" Water Licence for the Company's Prairie Creek Mine in the Northwest Territories, Canada. [Click for more](#)
- **Tamerlane Receives Positive NI 43-101 Summary Technical Report for a New Operating Scenario at the Company's Pine Point Project** (Sept 04, 2013) Tamerlane Ventures Inc. is pleased to announce that it has received and will file on SEDAR ... a National Instrument 43-101 Summary Technical Report for development of its Pine Point Project, NWT. [Click for more](#)
- **Elgin Mining Closes Private Placement** (September 16, 2013) Elgin Mining Inc. is pleased to announce it has completed the private placement offering ... for gross proceeds of \$2,952,000. [Click for more](#)
- **Drill Program Underway For South Tally Pond, Newfoundland** (September 16, 2013) Canadian Zinc Corporation is pleased to announce the commencement of a follow-up exploration diamond drill program at the Company's wholly-owned South Tally Pond project in Newfoundland. [Click for more](#)
- **Dominion Diamond Corporation Files Lynx Pipe Project Description Report** (September 16, 2013) Dominion Diamond Corporation announced it has filed an application ... requesting a land use permit and water licence to enable mining of the Lynx kimberlite pipe at the Ekati Diamond Mine. [Click for more](#)



Established 1967

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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:

- **TerraX Minerals Inc.** is focused on exploration of its recently acquired Northbelt Gold property, which consists of 121 mineral leases covering approximately 13 km of strike along the prolific Yellowknife Gold Belt, 15 km north of the city of Yellowknife in the Northwest Territories. Visit: <http://www.terraxminerals.com/s/Home.asp>.
- **TMAC** is a gold mining development TMAC is a privately held mineral exploration and development focused company comprised of former senior executives of FNX Mining Company Inc. and headed by Terry MacGibbon, founder of FNX and co-founder and Chairman of Torex Gold Resources Inc. TMAC's management has an exceptional track record of developing high grade, profitable underground mines. TMAC is currently advancing work on the Hope Bay gold project in the Kitikmeot region of Nunavut. Visit: www.tmacresources.com.

Calendar of Events

- **Canada's North 2013**, The Conference Board of Canada's Centre for the North 2nd Northern summit, October 15-17, 2013, Whitehorse, Yukon. Click [here](#)
- **CAMA 2013, Canadian Aboriginal Minerals Association 21st Annual Conference**, *Exploring Values, Mining Decisions*, November 3-5, 2013, Westin Bayshore Hotel, Vancouver, BC. Download brochure [here](#).
- **41st Annual Geoscience Forum**, Yellowknife, NT, November 19-21, 2013. Plan to attend the North's largest tradeshow and conference. Registrations opening soon on the website, www.miningnorth.com.
- **Mineral Exploration Roundup**, The Westin Bayshore, Vancouver, January 27-30, 2014. To learn more, click [here](#).
- **Northern Lights 2014**, Ottawa Convention Centre, a joint venture of the Labrador North Chamber of Commerce and the Baffin Regional Chamber of Commerce. January 29 - February 1, 2014. To learn more, click [here](#).
- **2014 Nunavut Mining Symposium**, April 7 – 10, 2014, Iqaluit, NU. Visit: <http://www.nunavutminingsymposium.ca/>

Mines & Promising Northwest Territories Mine Projects

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

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	Dominion Diamond Corporation , Chuck Fipke and Stu Blusson	Diamonds	Canada's first and largest diamond mine, 310 km. NE of Yellowknife. Open pit and underground. Mine life to 2019. Workforce approximately 1,500.	Sept news release provides encouraging news on diamond sales, but also indicates a plan is underway to try to extend the Ekati mine life by 10-15 years.
Diavik Mine	Rio Tinto and Dominion Diamonds	Diamonds	Canada's largest diamond producer, 300 km NE of Yellowknife. Mine life to 2023. Became all underground mine in 2012. Workforce approximately 1,000.	For the first half of the calendar year 2013, Diavik produced 3.5 million carats from 1.0 million tonnes of ore processed for an average grade of 3.41 cts/tonne valued at over \$100/ct.
Snap Lake Mine	De Beers	Diamonds	Canada's first all underground diamond mine. 220 kilometres NE of Yellowknife. Mine life to 2028. Workforce approximately 750.	2012 Socio-economic report released has been released.
Cantung Mine	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western Northwest Territories, ~300 km by road NE of Watson Lake, Yukon. Mine life to 2014.	March 1 news release reports new zone of mineralization discovered near mine workings. New CEO announced.
Nechalacho	Avalon Rare Metals	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. Target for production start up remains late 2016 with initial product sales anticipated for 2017.	July 26 MVEIRB recommends project advance to permitting and licensing phase.
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	Federal and Tlicho Gov't approved NICO project proceed to regulatory phase. New strategic investment announced with Procon Resources. Fortune received Tlicho Land Access Permit, which provides access to Tlicho Lands for the project, and will support site preparations at NICO this summer.
Yellowknife Gold	Tyhee NWT Corp	Gold	Proposed open pit and underground mine of 2 deposits (Ormsby and Nicholas Lake) about 90 km NE of Yellowknife. Estimated 4,000 tpd. Est. mine jobs: 238	July 23, Tyhee NWT Corp requested a 6 month adjournment to the EA for the Yellowknife Gold Project as the most prudent action to take in this exceptionally challenging equity market.
Prairie Creek	Canadian Zinc Corporation	Lead-zinc-silver	Proposed underground mine 120 km west of Ft. Simpson. Estimated mine jobs: 220	Water license granted early September, and all permits now in place required to begin construction and operation of the mine.
Gahcho Kué	De Beers & Mountain Province	Diamonds	Proposed open-pit diamond mine approximately 180 km ENE of Yellowknife, NT. Estimated mine jobs: 360. Indicated resource increased 12% from 50.5 million carats to 56.6 million carats. Inferred resource increased 80% from 10.3 million carats to 18.5 million carats.	July 19 MVEIRB panel released positive Panel EA report recommending project move to licensing. Gahcho Kué Joint Venture signed socio-economic agreement with and NWT Gov't June 28, and IBA with NSMA July 10.
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	January news releases indicate financing tranche for \$1.7m complete. In February, new experienced miner John Key appointed as CEO.
Courageous Lake	Seabridge Resources	Gold	Proposed open pit mine 240 km northeast of Yellowknife. 6.5 million oz proven and probable	New 5-year land use permit issued December 28 to allow up to 700 drill holes.

			reserves. (Positive Preliminary Feasibility Study July 2012)	
Selwyn	Selwyn Chihong	Zinc, lead	Proposed underground mine in Yukon on NWT border and access is through NWT. Agreements signed with NWT (Sahtu) Aboriginal land corporations.	Selwyn Chihong has acquired full control of the project from Selwyn Resources .

Mines & Promising Nunavut Mine Projects

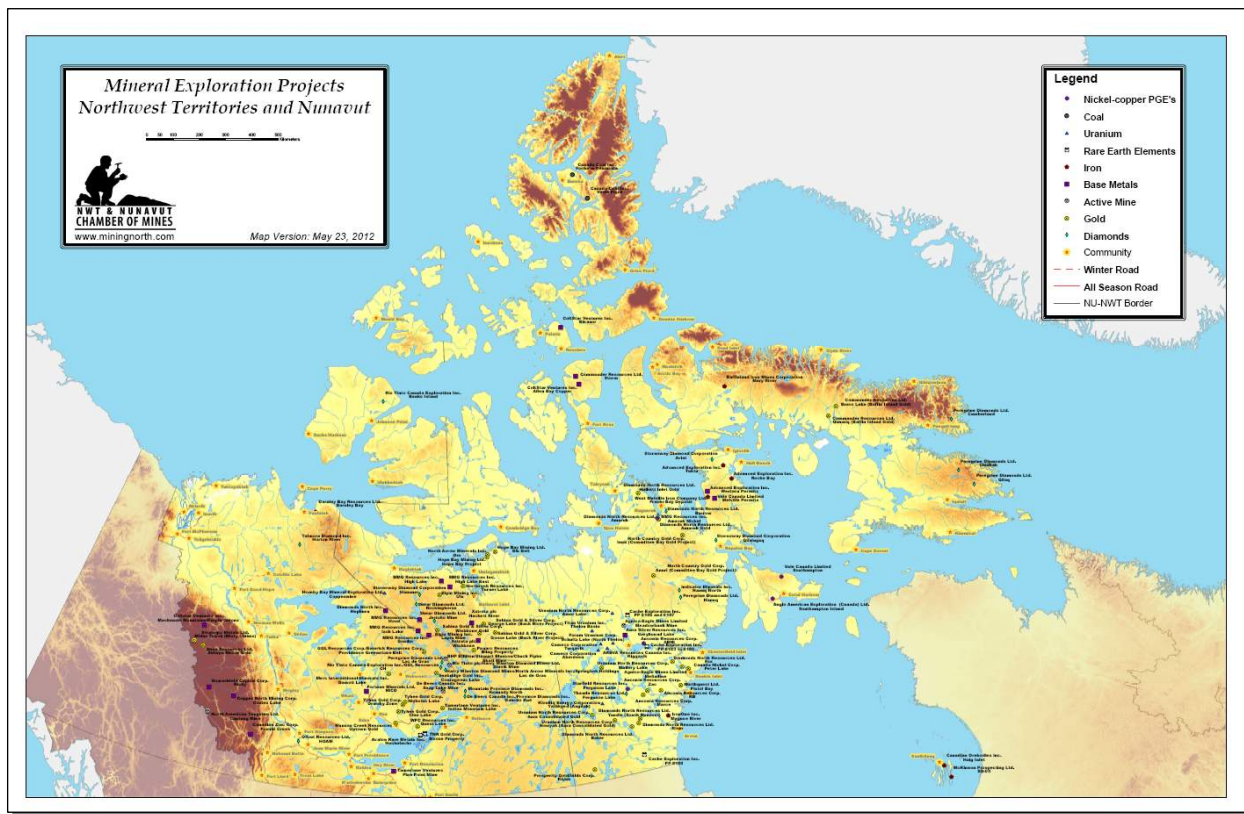
The following table describes a number of leading mineral development projects in Nunavut.

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico-Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 450	Payable gold production for 2012 totalled 366,030 oz. Mine life extended to 2018. Est. expenditures for 2013 - \$83M.
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	Comments on FEIS Addendum due by October 18, 2013; Technical hearings scheduled for November, 2013. On Sept 9, Baffinland and Qikiqtani Inuit Sign Mary River IIBA. Sept 13, Construction decision made. Sept 25, Baffinland Announces First Charter from Kitchener- Waterloo, to Mary River. Sealift to site completed Oct 7.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	AREVA to submit final EIS as September 30, 2014, with final public hearings in 2015.
Meliadine Gold	Agnico-Eagle Mines	Gold	Possible gold mine, 6 deposits, the largest of which is the Tiriganiaq deposit, 25 km NE of Rankin Inlet. Estimated construction jobs: 1000 Estimated mine jobs: 700	Technical review comments on DEIS due November 22, 2013; Est. expenditures for development and exploration for 2013 - \$90M.
Hackett River	GlencoreXstrata	Zinc, Silver, Copper, Lead	Proposed open pit mine. One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Estimated construction jobs: 800 Estimated mine jobs: 500	Pre-feasibility Study initiated in September, 2012; Submission of DEIS scheduled for Q3, 2013. GlencoreXstrata is taking lead on advancing the Bathurst Inlet Road & Port project, with Sabina.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of the George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600. Estimated mine jobs: 900	Plans to file DEIS by end of 2013. PFS expected to be complete by the end of Q3, 2013.
Izok Corridor Project (with High Lake & Hood River deposits)	MMG Resources Inc.	Copper, Zinc, Gold, Silver	High Lake is 1710 hectare, copper-zinc-silver-gold property, 190 km ESE of Kugluktuk. Izok is high-grade zinc-copper-lead-silver deposit, 255 km SW of Kugluktuk. Estimated construction jobs: 1,140. Estimated mine jobs: 710	MMG 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.

Roche Bay	Advanced Exploration Inc.	Iron	Over 500 mt of Indicated Resources within 6 km of a natural deep water harbour at Roche Bay. Estimated construction jobs: 450 Estimated mine jobs: 370 - 380	Positive Feasibility Study August 10, 2012. Announced opportunities for infrastructure support in construction of LNG power plant & port facility, February 5, 2013.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 180 km S of Pangnirtung. Contains 61 known diamond-hosting formations.	CH-6 bulk sample scheduled to be processed for diamond recovery Q4, 2013. Peregrine announced small 2013 exploration program and it raised \$3.5m.
Doris North/ Hope Bay	TMAC Resources	Gold	Proposed gold mines 130 km S of Cambridge Bay; covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 300	NIRB recommends approval of Type A Water License renewal for 10-year period on August 16, 2013.
Angilik	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit; 43.3 Mlb inferred resource at 0.69% U308.	Kivalliq acquired property in 2008. 87,500 m on exploration and resource drilling to date. 2013 drill program planned.

Detailed deposit map

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



Project Maps

