

Northern Mining News

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From the Executive Director ...

Challenging times require action. And if ever there was a need for action for the North's exploration and minerals industry it is now. The challenge we face, particularly in the NWT, is a declining industry which means a declining economy. Coming from the esteemed Conference Board of Canada, the report is worth acting on.

At the Chamber, we're admittedly biased because we've seen first-hand the benefits that our industry has provided and we know very well what is at stake. Mining's thousands of high-paying jobs and billions in business benefits and its many initiatives through community contributions help drive the northern economy.

Now's the time for Canada to help, and particularly with infrastructure investments, for the same reasons as a former Federal and Liberal Minister, Arthur Laing said 50 years ago.

But the Conference Board projects that almost 1,300 NWT residents will lose their jobs by 2035; when all three diamond mines are projected to have closed. With action today, we can avert the future pain to almost every sector of the NWT economy. Our Chamber has shared a list of action items (included in this newsletter below) and are here to do what we can to help.

Shifting to that optimism, in just a few weeks, NWT Mining Week will be upon us with events including the Miners Picnic and Mine Rescue competition on Saturday June 2. It's a great time to celebrate mining's benefits and to also take time to consider the future. Please join us in recognizing and celebrating mining!

Happy reading! ... Editor

Our Mission: To provide leadership on, and advocate for, responsible and sustainable mineral exploration and development in the NWT and Nunavut.

NWT economic outlook ‘grim’, Nunavut ready to grow, says Conference Board

([Chamber of Mines News release – May 2, 2018](#)) A dire economic forecast is projected for the Northwest Territories as diamond mines mature toward closure, warns the Conference Board of Canada, while Nunavut’s economy is on the cusp of a mining boom.

Globally, metals markets are heating up, igniting renewed interest in Canada’s North and this will benefit Nunavut and Yukon the most, where gold output will quadruple with new mining capacity. However, the Northwest Territories’ economy (Prospects Grim) is about to shift into a lower gear. Gahcho Kué has finished its ramp-up of production and no new diamond mines are expected to be built in the next decade. Thus reads the Board’s [Territorial Economic Outlook Forecast Spring 2018](#).

“It needs to be a severe wakeup call to all of our leaders reading the Conference Board’s headline ‘Economic Prospects Grim’ for the Northwest Territories,” said NWT & Nunavut Chamber of Mines President Gary Vivian. “What makes this deeply troubling is that while world markets are finally improving, we in the NWT will be on the sidelines watching our economy fall further behind,” Vivian added. “The situation is not helped when governments haven’t arrested the [NWT’s decline](#) in the essential exploration investment we rely on to find new mines. And it’s a double whammy when the Federal government [denies infrastructure funding](#) applications to support long term mineral development, the backbone of the northern economies.” According to the report, peak diamond mining has passed, production will begin to fall, and three diamond mines will close by 2035. While the report acknowledges two new metal mines will open in the next five years, it observes they will not make up for the coming decline in [diamond mining benefits](#).

For Nunavut, the economic outlook is more optimistic, according to the report. Increased mining production drove the territory’s GDP up 32 per cent last year and will continue to raise the value of the economy for several years, and wages will rise and unemployment decline. “Nunavut will add new gold mines bringing even more new benefits including a boost from the related construction,” said Vivian.

“Mining and the exploration work required to find mines, are powerful tools to provide community and government benefits, while improving economic self-reliance across the North. This does not happen magically. Supportive public and Indigenous governments can help make the territories attractive to investment, so that industry can come and turn rock into jobs and enhance business spending and tax revenues for governments. As we continue to tell governments, mining can be strengthened and sustained through a number of actions, including infrastructure investment, regulatory improvements, settling land claims, and generally maintaining access to land to explore,” he added. “Our Chamber is here to help make things better, so that we don’t face dire economic times.”

For highlights of the report, and for the Chamber’s recommendations for actions to improve investment, see chart below.

Actions Public and Indigenous Governments can take to improve the economic climate, and their Status		Government
Reduce Cost pressures	Say NO to regulatory cost recovery (MVRMA)	Canada
	Prevent small early exploration undergoing Environmental Assessment (MVRMA)	Canada
	Neutralize Carbon Tax when no alternatives to diesel exist	Canada
	Ensure Mineral Resources Act supports investment	NWT
	Assess and address potential costs and effects of upcoming New NWT Legislation	NWT
	Yellowknife Airport Improvement tax (lost this argument)	NWT
Improve Access to Land	Settle Indigenous Land Claims and open withdrawn lands to exploration	NWT
	Complete land use planning process and revisit existing land use plans	NU, NWT, Canada
	Reduce land conservation initiatives – federal, territorial	Canada, NWT
	Invest in more science for caribou protection plans	NWT, NU
	Coordinate Land Access across all jurisdiction, public and Indigenous so that the rules are the same through to feasibility study at least	NWT
Build Infrastructure	NWT: Tlicho Road funding & construction	NWT, Canada
	Advance Nunavut's Grays Bay Road & Port (Slave Province)	NU, Canada
	Advance NWT Slave Geological Province road	NWT, Canada
	Advance cheaper hydropower	NWT, Canada
Provide Exploration Incentives	Double MIP (Exploration Incentive Program)	NWT
	Extend the 150% assessment credit	NWT
	Invest in Geoscience	All
	Federal 15% Mineral Exploration Tax Credit	Canada
Increase Public Awareness & Support for Mining	ECE put mining into school curriculum	NWT
	Support increased Public Awareness Program	NU, NWT
	NWT Regional (Indigenous) Mineral Development Strategies	NWT
	Prospector & mine training funding	NWT, NU
Public & Indigenous Governments Market North	"Unlocking Our Potential" investor messaging	NWT
	Indigenous government marketing of investment	NWT

Red problematic to investment, Green is good and Yellow is questionable.

Actions Public and Indigenous Governments can take to help minerals industry. (See [Chamber News Release Backgrounder](#))

Denial of infrastructure funding disappointing – is another opportunity coming?

([Chamber of Mines News Release, May 1, 2018](#)) Announcements that major northern infrastructure funding failed to get Federal Government support are disappointing not only to the northern and Indigenous governments proposing them, but also to the minerals industry. The nation-building projects which failed to gain National Trade Corridors Fund support include:

The Government of the Northwest Territories' (GNWT) funding request to improve access to the mineral rich Slave Geological Province that makes Canada a global diamond producer.

The Government of Nunavut partnership with the Kitikmeot Inuit Association to seek funding for the Grays Bay Road and Port, to open their northern portion of the Slave Geological province, to link to the NWT's road and link western Nunavut by road to Canada.

The Government of Nunavut's funding application for an initial winter road to link the central Kivalliq region with northern Manitoba.

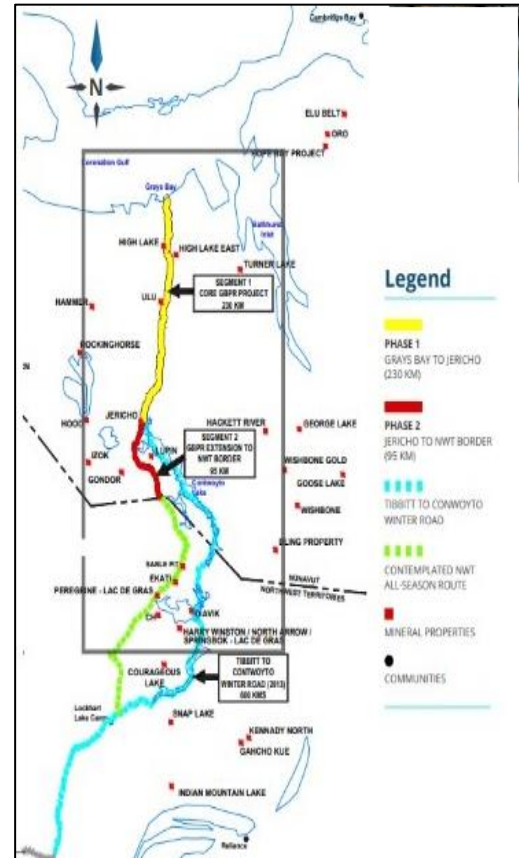
"It is unfathomable that these much-needed infrastructure projects which are vital to the future of the North were not supported by the Government of Canada," said NWT & Nunavut Chamber of Mines President Gary Vivian. "It really is time for Canada to get some vision and get back into supporting resource development with critical infrastructure as they once did. The

Arctic Policy Framework, currently being developed, still provides timely opportunity for creating that vision. We are reminded that in 1966, the Honourable Arthur Laing, Liberal Minister of Northern Affairs and National Resources, stated: *It is inconceivable that all lands north of the 60th parallel, representing 35% of Canada's land area, which we believe contain a great resource potential, will remain as an undeveloped portion of Canada.*" Vivian added, "We are in exactly the same place as we were in 1966, looking for Federal funding for nation-building projects."

The National Aboriginal Economic Development Board in its report [Northern Infrastructure to Support Economic Development](#) stated: "Bold investment in large, nation-building infrastructure is required alongside increased investment in community level infrastructure to support Northern communities." An industry study [Levelling the Playing Field](#) outlines the effects of having the largest infrastructure deficit in Canada, with capital costs up to 2.5 times higher and exploration up to six times more than in the south.

The benefits of mining are well worth the investment. Data shows the many and significant employment and business benefits that are being created today from mining. For the benefits of diamond mining in the NWT see: [Measuring success 1996-2016: Diamond mines deliver big benefits to the Northwest Territories](#). For the benefits from Nunavut's new and growing mining industry, see: [Benefits growing with Nunavut's new mining industry](#).

The Chamber of Mines remains supportive of industry, and public, Indigenous, and federal government collaboration which is necessary to unlock the tremendous mineral potential, and to bring new, long-term wealth and prosperity to Nunavut, the Northwest Territories, and Canada. The GNWT and the Kitikmeot Inuit Association have said they are hopeful Canada might grant funding support in a future round of funding submissions.



Disappointingly, two Slave Geological Province road proposals, including the Nunavut Gray's Bay Road and Port were denied funding by Ottawa.

Dear Ottawa: looking for traditional Federal vision

Guest editorial in News/North, May 7, 2018. By Gary Vivian, President, NWT & Nunavut Chamber of Mines

“It is inconceivable that all lands north of the 60th parallel, representing 35% of Canada’s land area, which we believe contain a great resource potential, will remain as an undeveloped portion of Canada.”

Strong words indeed, and I wish they were mine. Rather they are the words of Liberal Minister of Northern Affairs and National Resources, the Right Honourable Arthur Laing in 1966, as he addressed Canadian Institute of Mining members in Edmonton.

His visionary speech included a very key message: *“Very often the discovery of one mine ... will lead to more, but as long as we continue to do nothing to replace that activity during the time allowed we will continue to experience the social upheavals and personal hardships that result when the resource comes to an end.”*

Wise words indeed! Now here we are, 50 years later, apprehensively awaiting a new Federal government vision for the north and for our minerals industry. One might expect Federal support for the keystone of our northern economies should come easily. After all, mining continues to make huge strides in northern and Indigenous jobs and business, and in tax and royalty streams to public and Indigenous governments. Industry does this to high environmental standards under land claims based legislation and a co-management system.

Instead, we see announcements that Ottawa has denied funding for game changing road and port infrastructure projects. We see the Federal environment minister sticking to her guns that less than 10% of the north is protected, when we all know development is blocked on over 30% of the NWT alone. We see mineral exploration investment continuing to flat line for the tenth year in a row. And the latest Conference Board of Canada’s dire warnings and grim outlook for the NWT economy echoes the minister’s prophetic message that if we continue to do nothing, *“we will continue to experience the social upheavals and personal hardships that result when the resource comes to an end.”*

Mining doesn’t just happen. Even with attractive rocks and stable and certain legislation, it takes years and millions of dollars of risky exploration to get success. Risky because only 1 in 1,000 projects becomes a mine (the odds of winning at Bingo are better than that), and even when you’ve got a mine, a drop in the market price can shut you down. This has always been a risky business and that’s why we need governments’ support.

In a jurisdiction with great geology, and with a mining industry providing some of the greatest socio-economic performance in the country, one hopes the new Federal Arctic Policy might take another strong line from the esteemed former Liberal Minister Laing: *“I say to you, we welcome those searching for the resource wealth of the North, and I mean this not only as a friendly gesture in the hope that your success will make my task easier. Canada must expand and grow and my government, through the Department of Northern Affairs and National Resources, is endeavouring in many ways to assist private industry on to the road to success.”*

Over to you, Prime Minister Pierre Trudeau. [View editorial](#)

Hearne pit now in production at Gahcho Kué Mine

Gahcho Kué Mine has reached another major production milestone with the addition of new diamond mining from the Hearne Pit, the second of three kimberlite pipes in the mine plan, De Beers Canada announced April 30.

Prestripping of the overburden began earlier this year. Hearne is the smallest of three pipes scheduled to be mined at Gahcho Kué but shows the highest grade at about 200 carats per 100 tonnes of kimberlite mined.

“I want to congratulate the Gahcho Kué team for achieving this latest significant milestone,” said Mine General Manager Allan Rodel. “What makes this accomplishment even more



Diamond production from De Beers Canada’s Hearne Pit has begun. Hearne contains about 5.5 million tonnes of kimberlite ore and will be mined to a depth of 240 metres over the next four years. De Beers Canada photo

impressive is the fact that the team completed all the key preparation work safely during the extremely harsh and extended winter we experienced this year. Their commitment to put safety first for each and every task was instrumental in their successful performance and we continue to grow our safety maturity as we take on each new and exciting challenge and opportunity.”

The pit is located in the southwest corner of the mine site, approximately 380 metres from the current 5034 pit that launched production at Gahcho Kué in 2016. The Hearne pit is now being mined concurrently with the 5034 pit until 2019, when the Tuzo pit will join them to become the third pit in production.

Click [here](#) to see a short video of the first blast.

About 45M tonnes of rock will also be removed from the pit during mining, crushed to use around the site for building roads, berms, building pads and dykes or permanently deposited into an engineered mine rock storage facility.

In comparison, close to 10M tonnes of ore remains in the 5034 pit, which has been actively mined since 2016. Mining in 5034 will continue until 2024. The Tuzo pipe contains 16M tonnes of ore and is scheduled to be mined between 2019-2028.

Diamond mines exceed northern hiring projections by 64 per cent

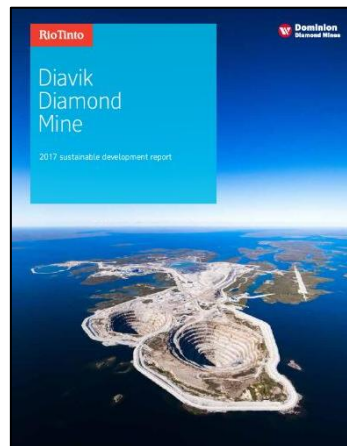
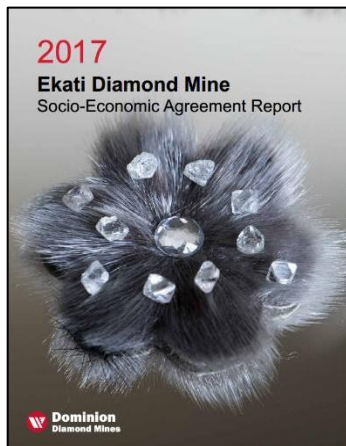
The NWT’s three diamond mines report combined northern employment well above what they originally projected. Together, the three mines generated 1,585 person years of employment in 2017 in the North, according to their recently reported socio-economic data. Prior to construction, in feasibility, the three mines projected a total of 964 jobs for northern residents.

The data was included in presentations made to the Government of the Northwest Territories Economic Development and Transportation standing committee at the Legislative Assembly in April and is published each year in public socio-economic agreement reports.

Mine	Projected northern employment	Actual northern employment*	Percentage above projection
Ekati	574	807	41%
Diavik	264	542	105%
Gahcho Kué	126	236	87%
Total	964	1,585	64%

*Person years

The cumulative employment effects of these three mines are enormous. They have now generated over 27,000 person years of northern employment. Put another way, it is the same as one thousand people working for just over a quarter century. As significant as these totals are, so too will be the loss of these jobs after the mines close. With no diamond mine replacements on the horizon, and two smaller mines projected to begin operations in the territory in the next five years, the effects on the NWT’s economy are “grim” according to the Conference Board of Canada (see related article in this newsletter).



The mines release socio-economic data through annual reports required under their respective socio-economic monitoring agreements. To date, two, Ekati and Diavik, have released their socio-economic reports. The reports include detailed annual and historic information on northern employment, business spending, training, and community contributions.

To learn more about the benefits provided by diamond mines, please see the latest reports including the [2017 Ekati Diamond Mine Socio-Economic Agreement Report](#) and the [2017 Diavik Diamond Mine Sustainable Development Report](#). De Beers Canada’s 2017 report is expected to be released soon.

NWT Mining Week, June 2-9

It's that time of year again, when we celebrate our NWT minerals industry. Mining is the cornerstone of the NWT economy and a rich and diverse part of the territory's history. NWT Mining Week celebrates the industry's vital role in our territory's past, present, and future. Special events are being held in Yellowknife to mark the occasion. They're free and open to everyone.

Several events are planned include the annual Chamber of Mines Miners Picnic on Saturday June 2 from noon to 3 p.m. at the Yellowknife Multiplex fieldhouse parking area. Join us at the picnic for hamburgers and hotdogs, and kid activities. The picnic coincides with the 61st annual WSCC mine rescue competition.

Other events include rock walks showcasing local geology, Farmers Market geology tent, Northwest Territories Geological Survey tour and Resources and Energy Development Information (REDI) event. As mining week gets closer, check out miningnorth.com for poster with confirmed details.

Sabina & KIA finalize IIBA and land agreements for Back River Mine Project

Sabina Gold & Silver Corp. and the Kitikmeot Inuit Association announced they have finalized an Inuit Impact Benefit Agreement and land agreements for the Back River Project.

These agreements, signed April 23, provide Inuit of the Kitikmeot Region with financial and socio-economic benefits including, training, jobs, initiatives to create additional opportunities outside of the mining industry, share ownership in Sabina and a 1% net smelter royalty on future production from the proposed mine on the Goose property. These are comprehensive milestone agreements that provide the long-term certainty of tenure required to de-risk, finance, develop and ultimately mine at Back River. "We are very pleased to have completed these agreements and to welcome the KIA as Sabina shareholders," said Bruce McLeod, President & CEO.

"These agreements have been negotiated in good faith with a result that benefits both Sabina shareholders and our Nunavut stakeholders. For our shareholders we have created more value in the company by securing tenure and further de-risking the project. Inuit of the Kitikmeot Region have the opportunity to benefit from gold production on their lands both financially and through initiatives to create long term economic sustainability in jobs and training in and outside of the mining industry. We appreciate the significant efforts of the KIA as we worked to finalize these agreements and look forward to working with them to implement the various initiatives contemplated under these agreements. We are pleased to be working in one of the world's safest mining jurisdictions."

"On behalf of the KIA Board, I would like to congratulate Sabina on the completion of these Agreements for the Back River Project," said Stanley Anablak, President of the Kitikmeot Inuit Association. "These Agreements allow a mine to be built and operated on Inuit Owned Land and will provide significant social and economic opportunities and benefits to Inuit of the Kitikmeot Region. Sabina has been very professional in these negotiations. We wish them

success in their development plans for the mutual benefit of Sabina Shareholders and Kitikmeot Inuit.”

The agreement has a maximum term of 20 years and includes, among others, the following key provisions and agreements:

- KIA consent to operations and confirmation KIA has been adequately consulted on Back River
- Land use licenses which permit Sabina to conduct exploration work at Back River
- Advanced exploration leases permitting various advanced exploration and pre-production activities at Back River
- Commercial leases authorizing the development of mines and related operations and closure activities at the Goose Property
- A 1% net smelter return royalty paid to the KIA on production at Back River on the properties that are subject to a commercial lease
- A grant of 6.7 million Sabina shares to KIA expected on or about May 20, 2018 subject to regulatory approval
- An IIBA setting out commitments associated with Inuit employment, training and education, Kitikmeot business opportunities, formation of an Inuit Environmental Advisory Committee and investments in community infrastructure projects with the objective of supporting regional wealth creation initiatives within Kitikmeot communities
- An initial investment of \$4 million in regional wealth creation initiatives in the Kitikmeot, \$2 million of which will be paid forthwith and the remainder no later than upon a production decision, with additional payments commencing the third year following commercial production if Sabina-related employment targets are not achieved. The purpose of the regional wealth creation initiative is to create new long term operating jobs outside of the mine to expand and diversify the Kitikmeot economy
- An annual payment to the KIA of up to \$1 million to cover KIAs cost of implementing the FA
- Water and wildlife compensation agreements including additional payments if Sabina fails to implement caribou mitigation commitments regarding calving and post-calving periods made to the Nunavut Impact Review Board.

[View release](#) and for project details, including videos, visit the company’s [Back River web page](#).

Required Nunavut reading: New Owners in Our Own Land!

“To build a Nunavut economy on one of our greatest strengths—minerals and the mining of them”

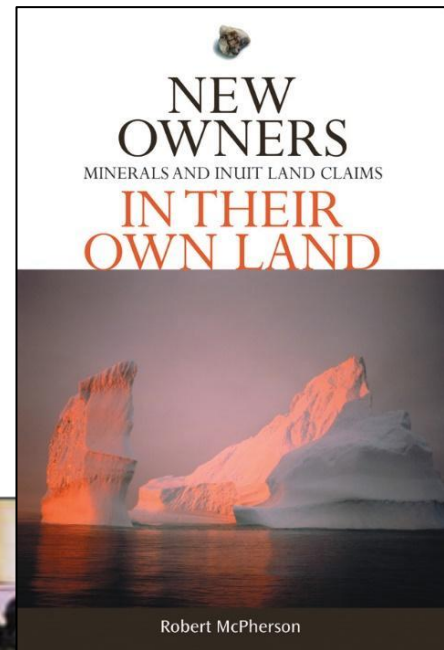
The following is a guest column published in Nunatsiaq News by Alex Buchan, Nunavut Vice President, NWT & Nunavut Chamber of Mines

A few weeks ago, I [shared some thoughts](#) with readers from a [presentation](#) I gave at the Northern Lights Conference in Ottawa. I reminded the largely southern audience that it was 25 years ago this year that we Inuit signed our land claim with Canada; and that our claim made us the largest private land owners in the world. I believe it also made us the largest subsurface land owners as well, meaning we are owners of lots of great mineral potential.

Our land claim negotiators—like our new Premier Paul Quassa—had a deliberate purpose in claiming mineral resources in their negotiations, and that was to build a Nunavut economy on one of our greatest strengths—minerals and the mining of them.

Now is a good time to remind ourselves of this, because it’s the 25th anniversary of that great land claim signing. There is an excellent book titled “New Owners in Their Own Land,” which describes in very accurate detail our land claim negotiation process. The book was written by Robert McPherson, who was a geologist that our own Inuit land claim organization, the Tunngavik Federation of Nunavut, hired to identify mineral rich lands that we would eventually select.

Those lands that we selected are starting to pay dividends today, with millions of dollars in royalties going into our Inuit government—Nunavut Tunngavik Inc.’s—coffers. These



These agreements enhance KIA and Sabina’s existing relationship of mutual respect and demonstrate that Nunavut is a pro-responsible development/mining region and underscore its “open for business” strategy, the company said it’s release. Pictured is a community meeting. Sabina photo

royalties are just the bonus benefits, on top of the training, high-paying jobs, and Inuit business that we are reaping. Our negotiations of 25 years ago are starting to really pay off.

Another important aspect of our land claim was to successfully negotiate the right to share with the government the management of resource development in all of Nunavut. This was a very new and unique concept then, for the government to share resource management with us. And it's not the case in most of Canada today.

So we are leading the country in that aspect too. That co-management has given us a strong environmental protection system, to ensure that any developments, not just mining, are done responsibly and in such a way that Inuit knowledge is considered in ensuring that our land and waters and wildlife are protected. It's important that we teach our youth about their history, and there is no better time to start than now, as we celebrate the 25th anniversary of the Nunavut Agreement. It is very important for them to understand what our elder negotiators did for them, why they did it, and how.

A good first step would be to make Mr. McPherson's book required reading for all Nunavummiut, from youth to politicians. Perhaps with this approach, we can look forward 25 years from now to a home-grown Inuk geologist to give us a written account of how we have been able to use our mineral wealth to realize the self-reliance, social and cultural well-being of Inuit that we have sought for so long? We definitely are new owners in our own land.

Mountain Province Diamonds announces first quarter 2018 production results

Mountain Province Diamonds Inc. announced production results for the first quarter ended March 31, 2018 from the Gahcho Kué Diamond Mine.

Highlights:

In the first quarter of 2018, the GK Mine plant recovered approximately 1,641,000 carats on a 100% basis for an average grade of approximately 2.09 carats per tonne, 89% and 18% higher than what was achieved during the same period last year respectively.

Pre-stripping of the Hearne pit continued on schedule during the quarter and the operations team anticipates mining first ore by the end of April.

The shovel and trucks included in the guided capital expenditures were delivered to site in the first quarter. Assembly and commissioning of the shovel is complete, and the completion of the truck fleet is expected by end of the second quarter.

Said David Whittle, the Company's Interim President and Chief Executive Officer, "We have had a solid start to the year in 2018 and these production results keep us on track to achieve our full-year 2018 production guidance of 6.3 to 6.6 million carats recovered on a 100% basis. The grades continue to perform well at the GK Mine and are a key driver of the production results.

The plant also continues to achieve higher throughput than originally anticipated, having achieved and broken daily throughput records in a given 24 hour period during the first quarter of 2018. The winter road program was safely and successfully completed, capping off a great first full year of commercial production at the GK Mine. The Gahcho Kué team is to be congratulated for achieving such a strong performance."

Mountain Province diamond sale results

Market conditions leading up to this third sale were consistent with those experienced during the first two sales of the year. Prices in the larger, better quality goods were stable to firmer, while those for smaller lower-quality goods softened slightly consistent with seasonal expectations. In general, conditions were firmer through the first quarter of 2018 than those experienced in the opening quarters of recent years. Customer participation continued to be robust, with 171 companies attending the tender and an average of 12.9 bids received per lot.

Said Reid Mackie, the company's Vice President Diamond Marketing, "This represents a solid outcome for our third sale of the year. We are encouraged to see high demand levels maintained at our tender process, and the underpinning of price gains we achieved at sales during this past quarter." View release and detailed tables [here](#).

Mountain Province completes business combination with Kennady

Also in April, Mountain Province Diamonds and Kennady Diamonds announced the successful completion of their business combination, in which Mountain Province acquired all common shares of Kennady by way of a court approved plan of arrangement. [View release](#)

For the latest information on Gahcho Kué southwest corridor drilling results view table and release [here](#).

Nighthawk reports new gold discoveries at Indin Lake Gold Property

Nighthawk Gold Corp. announced several new gold discoveries have been made within its 100% owned Indin Lake Gold Property in the Northwest Territories. Summer field activities began in June shortly after the culmination of the 2017 winter drill program and ground geophysical surveys. Fieldwork focused on several priority target areas leading to the discovery of a high-

grade gold showing at Treasure Island, a new mineralized gold zone within the Nice Lake Sill, a newly defined and extensive gold system associated with the Swamp prospect, and enhanced definition and expansion of the high-grade gold trend at Leta Arm. Dr. Michael Byron, President & CEO commented, "Nighthawk is the first company to consolidate the Indin Lake gold camp, including all its gold mines, deposits, and showings. We have been active in the area since 2009, but 2017 was our most ambitious campaign to-

date. The 2018 program will build upon our 2017 initiatives and successes with increased drilling, ground geophysics, detailed geological mapping, structural studies, and prospecting.



Click image for Nighthawk's latest corporate presentation.

The camp has never seen this scale of activity, and given its largely underexplored state, additional near-surface discoveries are to be expected.

"Being well capitalized, we are fortunate to have been able to steadily expand our regional exploration activities outside of Colomac, and advance some of our other prospective Indin Lake area deposits and prospects. Colomac is already a multi-million-ounce gold deposit, with a new high-grade storyline that sits in the centre of an Archean gold camp populated with numerous near-surface gold deposits and showings. Given the camp's underexplored nature, we see tremendous opportunity for expansion of known prospects as well as for new discoveries."

Highlights:

- New high-grade gold discovery at Treasure Island (Seadog showing) - up to 27.80 grams per tonne gold ("gpt" "Au") in grab samples and 19.85 gpt Au over 1.0 metre in channel samples;
- New gold zone defined within the Nice Lake Sill - 20-metre-wide quartz diorite sill exposed for over 160 metres – grab sample assays up to 4.19 gpt Au;
- New 1.6 kilometres ("km") by 1.0 km gold anomaly defined at the Swamp Prospect with grades up to 4.33 gpt Au in grab samples, associated with a large deformation and alteration zone;
- High-grade gold trend at Leta Arm continues to be better defined with assays up to 95.40 gpt Au;
- In early June, Nighthawk will commence its 2018 regional exploration field program to advance these new discoveries while expanding on its mandate to develop new and existing prospects through ongoing detailed geological mapping and prospecting in preparation for drilling.

These results will help direct Nighthawk's 2018 field program where the main objectives are: to better define and expand the new mineralization discovered to-date; explore for other near surface higher-grade opportunities; become more aggressive with regional exploration and drilling activities; and continue to advance the company's many priority deposits and showings that are key to the evolution of this early gold camp including potential mining scenarios for the Colomac Gold Project. View [release with tables](#).

Nighthawk also provided information on:

- New Gold Discovery at Treasure Island – Seadog Gold Showing
- New Zone Discovered within Nice Lake sill – Nice Lake Trend
- Swamp Prospect - Upgraded
- High-Grade Gold at Leta Arm
- Technical Information

Agnico Eagle reports first quarter 2018 results

Nunavut development projects progressing on budget and on schedule Exploration drilling yields favourable results at multiple projects

Agnico Eagle Mines Limited reported quarterly net income of \$44.9 million, or \$0.19 per share, for the first quarter of 2018.

"Our operations continued to deliver strong cash flow in the first quarter with unit production costs on the lower end of full year guidance and gold production tracking slightly above full year guidance. We remain focused on optimizing unit costs and increasing production as we transition through 2018 and begin to see the positive results of our growth phase in 2019", said Sean Boyd, Agnico Eagle's Chief Executive Officer. "During the first quarter, we continued to make very good progress at our Nunavut growth projects, with Amaruq permitting activities advancing as expected and development of the underground exploration ramp proceeding as planned. Construction activities and underground development remain on schedule and on budget at Meliadine", added Mr. Boyd.

Nunavut

Agnico Eagle has identified Nunavut as a politically attractive and stable jurisdiction with enormous geological potential. With the company's Meadowbank mine and two significant development assets (Meliadine and the Amaruq satellite deposit at Meadowbank) and other exploration projects, Nunavut has the potential to be a strategic operating platform with the ability to generate strong production and cash flows over several decades.

Meadowbank – production affected by adverse weather conditions and ore hardness

The 100% owned Meadowbank mine in Nunavut, northern Canada, achieved commercial production in March 2010. The mine produced its two millionth ounce of gold in 2015.

Production costs per tonne in the first quarter of 2018 increased when compared to the prior-year period primarily due to lower throughput levels and the timing of unsold inventory.

Production costs per ounce in the first quarter of 2018 increased when compared to the prior-year period due to reasons described above, the strengthening of the Canadian dollar relative to the U.S. dollar between periods and lower gold production.

Mine site costs per tonne in the first quarter of 2018 increased when compared to the prior-year period due to the reasons described above. Total cash costs per ounce in the first quarter of 2018 increased when compared to the prior-year period due to the reasons described above.

Gold production in the first quarter of 2018 decreased when compared to the prior-year period due to harder ore and reduced access to the pits due to adverse winter weather conditions.

Gold production guidance remains unchanged at 220,000 ounces for the full year 2018.

Amaruq satellite deposit – permitting and development activities on budget and schedule for start-up in the third quarter of 2019

Agnico Eagle has a 100% interest in the Amaruq satellite deposit, approximately 50 kilometres northwest of the Meadowbank mine. Amaruq is situated on a 99,878-hectare property, almost adjacent to the 68,735-hectare Meadowbank property.

Development of the Amaruq property was approved in February 2017 by the company's Board of Directors as a satellite deposit to supply ore to the existing Meadowbank mill, pending the receipt of the required permits. The Amaruq project was included in a National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101") technical report about the Meadowbank Complex, posted on SEDAR on March 22, 2018.

The initial mining plan at Amaruq contemplates production of approximately 2.1 million ounces of gold between 2019 and 2024, leaving approximately 60% of the current mineral reserve and mineral resource base uncovered by the mine plan. Pre-mining activities are expected to start in 2018 at the Whale Tail deposit, which is a satellite pit that will produce ore to feed the Meadowbank mill.

Production is currently forecast to begin in the third quarter of 2019. On March 15, 2018, the project certificate for the development and operation of the Whale Tail pit was received from the Nunavut Impact Review Board.

Meliadine Project - mine development and construction schedule progressing on plan and on budget

In February 2017, the company's board of directors approved the construction of the Meliadine project. The mine was initially forecast to begin operations in the third quarter of 2019. However, given the progress of construction and development activities in 2017 and through the first quarter of 2018, the company announced in February 2018 that the Meliadine project is expected to begin operations in the second quarter of 2019. The Meliadine project remains on budget with capital expenditures in 2018 forecast to be approximately \$398 million. The 2019 project capital forecast is unchanged at about \$130 million. [View release and tables](#)



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De Beers launches 'books for babies' at Stanton Territorial Hospital

De Beers Canada is expanding its investment in literacy with the donation of 700 children's books to the Stanton Territorial Hospital Foundation. The books will be distributed during 2018 to the families of each newborn baby at Stanton Territorial Hospital in Yellowknife.

Gahcho Kué Mine General Manager Allan Rodel said the 'Books for Babies' program was a natural extension of De Beers 'Books in Homes' that began 15 years ago. "It is all about building a legacy through educating generations. We have seen the tremendous response to our De Beers Books in Homes program in students from kindergarten right through to Grade 12, so we felt we could also make a positive impact regarding the value and love of reading by providing these terrific books for younger children in the Northwest Territories as well."

Stanton Territorial Hospital Foundation Chair Sandra Mackenzie said "the Foundation is pleased to partner with De Beers Canada to offer this wonderful gift because encouraging families to ensure their children have access to books at an early age can create benefits which last a lifetime. Since 2007 De Beers Canada has been a strong partner of the Foundation. De Beers Canada has helped raise over \$250,000 for the Stanton Territorial Hospital Foundation. This commitment shows the company is a community-minded business supporting initiatives which make a real difference in communities across the Northwest Territories."

Families will receive one of two books by renowned Tlicho author Richard Van Camp.

Van Camp was pleased his work could make a positive impact with a new generation of readers.

[View release](#)

110,000 recyclables donated by De Beers to NWT SPCA since 2016

De Beers Canada has donated 110,000 recyclables worth \$12,000 to the NWT SPCA from its NWT operations since 2016.

Recyclables, including soda bottles, milk cartons and other containers, are collected at Gahcho Kué and Snap Lake mines, flown to Yellowknife and then taken to the SPCA. Volunteers with the animal welfare group sort the items and return them to the bottle depot to collect the deposit refund. Money raised goes towards shelter operations, medical treatment for the animals upon intake such as vaccinations, spay or neutering, food, and other necessary care. Rod Brown, with Discovery Mining Services in Yellowknife, makes sure the recyclables donated by De Beers are taken to the NWT SPCA. He also volunteers at the shelter.

"We cannot thank all you folks enough and appreciate you keeping us in mind," he said. "Last year alone the NWT SPCA rescued close to 700 dogs and cats. It's mining groups like De Beers Canada and your commitment to the North that helps us in so many ways."

De Beers NWT employees have also supported the NWT SPCA by hosting a silent auction during their annual Christmas party in Yellowknife, including \$4,000 raised in at the 2017 event and \$2,900 in 2016.

Exploration & development news briefs (see [website](#) for more information)

Aston Bay Holdings Ltd. is pleased to [announce](#) it has closed a non-brokered private placement, raising gross proceeds of \$2,041,000. The offering, which was announced on April 11, 2018, has been oversubscribed by \$41,000. The company has issued 12,756,250 flow-through shares at a price of \$0.16 per FT Share. In connection with the offering, Aston Bay will pay aggregate cash finder's fees of \$120,960 to four arm's length finders, representing 6% of the proceeds raised from subscriptions by certain placees introduced by the finders. All shares acquired by the placees under the Offering are subject to a hold period until August 26, 2018, in accordance with applicable Canadian securities legislation. Completion of the offering is subject to all required regulatory approvals, including final acceptance by the TSX Venture Exchange. Conditional acceptance of the offering was received from the Exchange on April 6, 2018. The company is awaiting final acceptance of the offering. Proceeds of this offering will be used to expand existing plans for exploration activities at the Storm Copper and Seal Zinc Projects during the 2018 summer exploration season, and in particular to fund a second drill rig and expand the amount of drilling to be undertaken during the campaign. "This placement adds two strong institutional shareholders to our registry and strengthens the position of a third, bolstering an already impressive slate of institutional support," stated Thomas Ullrich, CEO of Aston Bay. "Planning is underway for the expanded drill program with expected mobilization in mid-June. We are in the process of refining drill hole targeting with Dr. David Broughton and our team. Details of the targeting will be released in the coming weeks."

Auryn Resources Inc. announced the appointment of Natasha Frakes as the company's Manager of Corporate Communications. She is now the main point person for the development, implementation, and management of external communications and investor relations strategies. Frakes is taking over the role previously held by Jay Adelaar, who remains with the company in a consulting capacity. Frakes' background is in journalism, formerly working as a news reporter for CBC Vancouver and producing content for television, radio, and web. She has also spent several years in leadership roles as a news anchor for CBC Calgary and CTV Regina. Her more recent work as a host for Market One Media, in which she interviews mining executives for broadcast on Canada's national business news network (BNN), gained her valuable insight into the resource sector and helped lead her to her new role with the company. Frakes has a bachelor's degree in English with an emphasis on writing and a certificate in journalism from Loyola Marymount University in Los Angeles. [View release](#)

Dunedin Ventures Inc. [announced](#) it has closed an over-subscribed non-brokered private placement of non flow-through and flow-through units for gross proceeds of \$1,702,500. The company has also received \$378,124

through exercise of common share purchase warrants since March 2018, for total gross proceeds of \$2,080,624. Chris Taylor, CEO of Dunedin, said, "We look forward to advancing our exploration program at the Kahuna diamond project and testing a comprehensive suite of priority drill targets. The first phase of drilling is currently under way and we expect the diamond recovery results in Q2 and Q3. These results will inform the prioritization of further drill targets and we are now funded to add a second phase of drilling in the summer." Proceeds of the offering will be used in part to fund the company's 2018 exploration program on the Kahuna Diamond Project in Nunavut and for general corporate purposes.

Avalon Advanced Materials Inc. is pleased to report that it has once again placed among Corporate Knights' 2018 Future 40 Responsible Corporate Leaders in Canada from a shortlist of eligible small and mid-size organizations. Don Bubar, Avalon's President and CEO, commented, "This is well-earned recognition for everyone at Avalon and the sustainability culture we have developed. We believe that making environmental and social responsibility a priority enhances shareholder value by reducing risk while enhancing business opportunities for our Indigenous partners." Avalon is a leader among junior mineral development companies in adopting best practices to reduce its environmental footprint, protect water resources and engage with local communities. The Company has reported annually on its sustainability performance since 2011. Avalon's sixth and current Sustainability Report's theme is *Concentrating on Cleantech Materials Production*: a theme chosen to reflect the Company's focus on defining profitable business opportunities in the technology metals sector. Avalon's 2017 Sustainability Report can be found [here](#). This is the third time Avalon has been ranked as a Future 40 Responsible Corporate Leader in the last four years. This year, Avalon is listed among top-ranking companies such as London Hydro, Vancouver Fraser Port Authority and Dundee Precious Metals. [View release](#)

De Beers Q1 2018 production report shows rough diamond production for Q1 2018 increased 15 per cent to 8.5 million carats, reflecting the ramp-up of production from Gahcho Kué in Canada, which reached nameplate capacity in Q2 2017, and increased production from Orapa in Botswana in response to the sustained healthy trading conditions. In Canada, production increased 69 per cent to 1.1 million carats due to the ramp-up of Gahcho Kué, which reached nameplate capacity in Q2 2017. Total rough diamond sales volumes in Q1 2018 were 8.8 million carats (8.4 million carats on a consolidated basis³) from two Sights, compared with 14.1 million carats (13.7 million carats on a consolidated basis³) from three Sights in Q1 2017. In addition to the difference in the number of Sights over the period, Sight 1 2017 also saw an unusually strong demand for lower value goods following the effects of

Indian demonetisation in Q4 2016, leading to higher than normal sales volume. Full year production guidance¹ remains unchanged at 34 to 36 million carats, subject to trading conditions.

Dunedin Ventures Inc. announced it will expand its 2018 exploration program and undertake a C\$1,500,000 million private placement to fund this additional work. Advisors, management and close associates will participate for approximately C\$1,000,000 of the placement. Dunedin has defined over 30 drill targets to test for diamondiferous kimberlite, 17 of which are scheduled to be drilled during its current spring program (see March 29, 2018 news release). Further targets will be tested in a second phase of drilling, slated to begin in summer 2018. In addition, kimberlites found to be diamond-bearing during Phase 1 will require follow-up drill holes to define their size and shape, and to collect larger samples for diamond recovery. While a rotary air blast rig is being utilized during Phase 1 drilling, a core rig will be used to accurately define phases of kimberlite and correlate them to diamond content during Phase 2. Maps showing all drill targets, including those planned for Dunedin's Phase 2 program, are provided as Figures 1a and 1b below. Dr. Charles (Chuck) Fipke, Dunedin's advisor and discoverer of Canada's first diamond mine at Ekati commented, "The abundance and quality of diamond indicator minerals at Dunedin's Kahuna project is exceptional and bodes well for the potential discovery of new diamond sources. I look forward to the drill results and will continue assisting the Dunedin team with the exploration and development of this project."

Fortune Minerals provided project finance update on financing for its 100% owned NICO Cobalt-Gold-Bismuth-Copper Project in Canada. The NICO Project is one of few new cobalt assets globally with the potential to be in production by the early 2020's and respond to the accelerating demand from transformative automotive electrification, portable electronic devices and stationary storage. Fortune has engaged Hatch Ltd. ("Hatch"), P&E Mining Consultants Inc. and Micon International Limited ("Micon") to update the National Instrument 43-101 technical report on the NICO Project Feasibility Study prepared in 2014 based on new design developments and improvements, current capital and operating costs, commodity prices and currency exchange rates, and the economies of scale of an approximate 30% increase in the mill throughput rate. As this study nears completion, Fortune has been advancing discussions with a number of parties to participate in a complete project finance solution to fund construction of the NICO Project. The company has entered into approximately 25 Confidentiality Agreements to date with prospective investors and has also been conducting marketing trips to meet with potential partners in North America, Asia and Europe. [View release](#)

Sabina Gold & Silver Corp announced April 8 results from an additional two drill holes, testing the Llama Extension

Target at its 100%-owned Back River gold project in Nunavut. Two drill holes, 18GSE533 and 18GSE535 targeted the area of high grade mineralization that is located down plunge of the current Llama resource where previously reported intersections in drill hole 18GSE530 included 15.67g/t Au over 23.25m and 9.48g/t Au over 38.55m in drill hole 17GSE516B (interpreted to be the fold nose of the Llama synform). Drill hole 18GSE535 was completed approximately 60 meters up plunge of previously reported drill hole 18GSE530 and over 120 meters up plunge of drill hole 17GSE516B and intersected, 28.95g/t Au over 5.65m within a greater than 20m interval of strongly altered and mineralized host stratigraphy. Further high grade intercepts hosted within this same interval are highlighted as 24.72g/t over 2.20m, 25g/t over 1.00m and 15.75g/t over 0.60m, demonstrating the tremendous potential for additional high grade resource growth within the Llama trend. Drill hole 18GSE533, an overcut of drill hole 17GSE516B, intersected high grade gold values that included 47.04g/t Au over 0.55m and 15.43g/t Au over 3.15m including 34.48g/t Au over 1.25m, all within a total interval of greater than 22m of strongly altered silicate and oxide iron formation.

Seabridge Gold's 2017 Annual Report reviews the success of its programs for the year just ended measured against previously announced goals and sets out its plans and objectives for the current year. This year's report also highlights the company's sustainable development initiatives and analyzes the potential impact of its unique strategy of growing its gold ownership per share. Seabridge Gold holds a 100% interest in several North American gold resource projects. The company's principal assets are the KSM and Iskut properties located near Stewart, British Columbia, Canada and the Courageous Lake gold project located in Canada's Northwest Territories. For a breakdown of Seabridge's mineral reserves and resources by project and category please visit the company's website at www.seabridgegold.net.

Solstice Gold Corp. provided details of its 2018 exploration program on its 100% owned, 806km² Kahuna Gold Project and also provide an updated interpretation on the Project. The Program will consist of winter and summer programs with a combined goal to further define drill targets in high priority areas of the Project and to daylight additional targets. Winter programs began on April 12 and are expected to continue until late May. Summer programs are expected to start late June and will continue until late September. Highlights include:

- Up to 5,000m of shallow Rotary Air Blast ("RAB") drilling in 34 target areas commencing late April, 2018
- 5,000 line km of ground magnetic surveys at 25m spacing (ongoing)
- Multi-crew ground surveys of prospecting, geological mapping, rock, sand, till sampling commencing June, 2018
- 635 till samples from 2017 program undergoing gold grain analysis (pending).

Calendar of Events

- **Mining Week is June 2-9.** Events include the NWT & Nunavut Chamber of Mines Miners Picnic which gets underway at the multiplex Saturday June 2 at noon.
- **Resources for Future Generations (RFG2018)**, June 16-21, 2018, Vancouver Convention Centre. Organizers are calling for sessions and proposals at: www.RFG2018.org. Resources for Future Generations—RFG2018—will examine three critical resources—energy, minerals, and water—in the context of the earth, environment, education, society, and the needs and roles of future generations.
- **2nd Annual Arctic Indigenous Investment Conference 2018**, August 9&10, Yellowknife, NT. <http://yfncc.ca/aiic2018/>. This event will highlight and promote northern First Nation Aboriginal Development Corporations and Aboriginal businesses.
- **46th Annual Yellowknife Geoscience Forum**, the North's largest combined tradeshow and conference, November 20-22, 2018 in Yellowknife, NT. www.miningnorth.com

Welcome New Members!

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

Nuqsana Inc., based in Rankin Inlet, provides education, employment/human resources training services. www.nuqsana.com

Eco Waste Solutions Nunavut. Based in Rankin Inlet, provides environmental services and waste management.


Nuqsana Promec Mining, based in Rankin Inlet, provides project management, and education, employment/human resources training services.

Member news releases this past month

- 7 May 2018 [Chamber of Mines editorial: Dear Ottawa: looking for traditional Federal vision](#)
- 7 May 2018 [Presentation: NWT Chamber of Mines to NWT Chamber of Commerce AGM](#)
- 2 May 2018 [NWT economic outlook 'grim', Nunavut ready to grow reports Conference Board](#)
- 2 May 2018 [Sabina Gold & Silver reports additional Llama high grade results](#)
- 1 May 2018 [Seabridge Gold publishes annual report](#)
- 1 May 2018 [Denial of northern federal funding disappointing – another opportunity coming?](#)
- 1 May 2018 [Solstice Gold outlines details of 2018 exploration program at Kahuna](#)
- 30 April 2018 [Hearne pit now in production at Gahcho Kué Mine](#)
- 26 April 2018 [Agnico Eagle reports first quarter 2018 results](#)
- 26 April 2018 [Aston Bay Holdings closes oversubscribed non-brokered private placement](#)
- 24 April 2018 [Diavik 2017 socio-economic report](#)
- 24 April 2018 [Mountain Province third quarter first quarter production results](#)
- 23 April 2018 [Sabina & KIA finalize IIBA and land agreements for Back River](#)
- 20 April 2018 [Auryn Resources appoints manager of corporate communications](#)
- 20 April 2018 [De Beers 'books for babies' launched at Stanton Territorial Hospital](#)
- 19 April 2018 [Fortune Minerals provides project finance update](#)
- 18 April 2018 [Mountain Province Diamonds results of third diamond sale of 2018](#)
- 18 April 2018 [Dunnedin closes over-subscribed placement and raises \\$2 million](#)
- 13 April 2018 [Mountain Province complete business combination with Kennady](#)
- 12 April 2018 [Nighthawk reports new gold discoveries within its Indin Lake Gold Property](#)
- 11 April 2018 [Dominion Diamond 2017 socio-economic report](#)
- 11 April 2018 [Baffinland 2017 socio-economic report](#)
- 10 April 2018 [Mountain Province Diamonds provides drilling results from southwest corridor](#)
- 10 April 2018 [Mountain Province and Kennady shareholders approve business combination](#)
- 8 April 2018 [Sabina continues to grow high grade gold zone at Llama](#)
- 6 April 2018 [North Arrow Discovers Kimberlite at Loki Diamond Project, Lac de Gras](#)
- 4 April 2018 [Road clears environmental assessment process to enable NICO mine operations](#)
- 2 April 2018 [Peregrine files updated technical report for Chidliak](#)

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	<p>For further information contact us at: #103, 5102 50 Ave, Yellowknife, NT X1A 3S8 Email: info@miningnorth.com Website: www.miningnorth.com</p>

Mines & promising Northwest Territories mine projects

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

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	Dominion Diamond Mines , and Dr. Stewart Blusson.	Diamonds	Canada's first and largest diamond mine, 310 km. NE of Yellowknife. Open pit and underground. Mine life potentially to 2041. Workforce in 2017, 1,734. The Ekati mine consists of two joint ventures, the Core Zone Joint Venture and the Buffer Zone Joint Venture, in which the company has an interest of 88.9% and 72.0%, respectively. Reserves at 31 January 2017 were 68.9 million tonnes at 1.5 carats per tonne for 105.4 million carats. Inferred mineral resources were 20.6 million tonnes at 1.0 carats per tonne for 19.8 million carats. Additionally, Fox Deep indicated and inferred resources of 51.0 million tonnes at 0.4 carats per tonne for 18.7 million carats.	Socio-economic report, April 2018, Dominion Diamond 2017 socio-economic report released News release, 1 November 2017, Dominion Diamond announces completion of plan of arrangement which saw the private corporation, The Washington Group of Companies, acquire Dominion Diamond Corporation and its interests in the Ekati and Diavik diamond mines.
Diavik Mine	Rio Tinto (operator) & Dominion Diamond Mines	Diamonds	Canada's largest producer of diamonds, 300 km NE of Yellowknife. Mine life to 2025. Became all underground mine in 2012. Workforce in 2017, 1,233. New A21 open pit development will cost US\$350m over 4 years. A21 commence ore production in the first half 2018. Reserves at Dec 31, 2017 were 15.1 million tonnes at 2.8 carats/tonne for total of 42.5 million carats.	Socio-economic report, April 2018, Diavik 2017 socio-economic report released News Release, 31 March 2017, Dominion Diamond files updated technical report for Diavik Diamond Mine
Gahcho Kué Mine	De Beers Canada (51% and operator) and Mountain Province (49%)	Diamonds	Located approximately 280 km NE of Yellowknife, NWT. Open pit mine with life of 12 years. Mine reached commercial operation in Q1 2017. Workforce in 2017, 483. Plan is for three open pits to mine 5034, Hearne and Tuzo ore bodies producing average of 4.5 million carats/year. Hearne began production in April 2018. Reserves at 31 March 2014 (production commenced Q3 2016) were 35.4 million tonnes at 1.6 carats per tonne for 55.5 million carats.	Media release 30 April 2018, Hearne pit now in production at Gahcho Kué Mine Media release, 24 April 2018 Mountain Province third quarter first quarter production results Media release, 20 April 2018, De Beers 'books for babies' launched at Stanton Territorial Hospital Media release, 18 April 2018, Mountain Province Diamonds results of third diamond sale of 2018 Media release, 13 April 2018, Mountain Province completes business combination with Kennady 10 April 2018, Mountain Province Diamonds provides drilling results from southwest corridor Media release, 10 April 2018, Mountain Province and Kennady shareholders approve business combination

NWT & Nunavut Chamber of Mines – Northern Mining News

<p>Prairie Creek</p>	<p>Canadian Zinc Corporation</p>	<p>Zinc-lead-silver</p>	<p>Proposed underground mine 120 km W of Ft. Simpson. Estimated mine jobs: 220 All permits now in place to construct and operate the mine. Feasibility Study completed in 2017 supports 15-year mine life. Subject to completion of financing, and 2.5-year construction phase, production proposed for mid-2020. In 2017, the Mackenzie Valley Environmental Impact Review Board recommended approval of the proposed all season road. Over the past eight years Canadian Zinc has successfully completed numerous environmental assessments related to exploration and development of the Prairie Creek Mine. Canadian Zinc has obtained all the significant regulatory permits and social licences required to complete construction and development and undertake mining and milling at Prairie Creek, including construction and use of a winter access road to the mine site.</p>	<p>News Release, 29 March 2018, Canadian Zinc reports 2017 results</p>
<p>NICO</p>	<p>Fortune Minerals Ltd.</p>	<p>Cobalt-gold-bismuth-copper</p>	<p>Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150. In March 2018, The Mackenzie Valley Environmental Impact Review Board has recommended that the Tlicho all-season road be approved. The approval is subject to measures designed to mitigate potential environmental, social, and cultural impacts. The Government of the Northwest Territories, Department of Transportation and Tlicho Government received this conditional approval on March 29, 2018, enabling construction of the 97-kilometre Tlicho Road to connect the community of WhaTi to the territorial highway system.</p>	<p>Media release, 19 April 2018, Fortune Minerals provides project finance update Media release, 4 April 2018, Public road clears environmental assessment process to enable NICO mine operations</p>
<p>Kennady North</p>	<p>Mountain Province Diamonds</p>	<p>Diamonds</p>	<p>Kennady North project comprises 13 leases and claims immediately to north and west of 4 leases controlled by the Gahcho Kué Joint Venture (see above). Project aims to identify a resource along the Kelvin – Faraday kimberlite corridor of between a 12 and 15 million tonnes at a grade of between 2 and 2.5 carats per tonne and also to identify new kimberlites outside of the corridor. The Kelvin – Faraday corridor is a target for further exploration. The tonnage estimate is based on the drilling completed to date. Potential quantity is conceptual as there has been insufficient drilling to define a mineral resource and it is uncertain if further</p>	<p>Media release, 13 April 2018, Mountain Province completes business combination with Kennady Media release, 20 March 2018, Update on the Kennady North winter drilling program Media release, 7 March 2018, Update on the Kennady North winter drilling program Media release, 6 March 2018, Kennady obtains interim order for plan of arrangement</p>

NWT & Nunavut Chamber of Mines – Northern Mining News

			exploration will result in target being delineated as a mineral resource.	
Indin Lake	Nighthawk Gold	Gold	Nighthawk controls over 90% of the prospective Indin Lake Greenstone Belt in this historic gold camp with a total ground position now comprising 930 sq km, approximately 220 km north of Yellowknife, NT. The Indin Lake Greenstone Belt is one of Canada's most underexplored gold camps. The property contains 14 known gold deposits and showings, 3 are historic mines (eg Colomac)	Media release, 12 April 2018, Nighthawk reports new gold discoveries within its Indin Lake Gold Property
Pine Point	Pine Point Mining (formerly Darnley Bay)	Lead-zinc	Proposed open pit mine east of Hay River, NT. 10 open pits mined sequentially with 321 jobs. Darnley Bay Resources acquired the project in 2017, and has begun active exploration to advance the project. Darnley Bay Resources is planning to start feasibility study in September, with results expected the following year. PEA quotes 13-year mine life.	News release, 26 February 2018, Osisko Metals announces 50,000 metre drill program at Pine Point and outlines exploration and development program
Courageous Lake	Seabridge Gold Inc.	Gold	Proposed open pit mine 240 km NE of Yellowknife. 6.5 M oz proven and probable reserves in 91.0 million tonnes at 2 g/t (2016 Annual Report). Positive PFS July 2012. The FAT deposit is one of Canada's largest undeveloped gold projects. Seabridge is currently focusing on their KSM mine and other BC projects.	News release, 21 March 2018, Seabridge Gold files Form 40-F with the SEC
Selwyn (Howard's Pass Project)	Selwyn Chihong Mining Ltd.	Zinc, lead	Proposed base metal mine in Yukon on NWT border and access is through NWT. Agreements signed with NWT (Sahtu) Indigenous land corporations. The project will process multiple open pit mines over an approximate 10+ year mine life and includes a mineral processing plant, tailing management facility and the required on-site infrastructure. The mine is being designed to process 38,500 tonnes per day (tpd) of ore which, after processing, is expected to result in 2,500 tpd of zinc and 600 tpd of lead concentrate, which would be trucked to the Port of Stewart for export. Selwyn Chihong estimates the proposed mine will create approximately 1500 jobs during construction and approximately 750 during operation.	Selwyn Chihong Mining's proposed upgrade of a road to its lead-zinc mining project in Yukon's Selwyn Mountains will undergo an environmental assessment. Parks Canada has referred the 79km Howard's Pass Access Road (HPAR) to Environmental Assessment under the MVEIRB, which accepted the referral in July 2015. The HPAR was developed in the 1970s, and runs from the Nahanni Range Road to the NWT-Yukon border. Passing through 2 national parks. Yukon media reported in Feb 2016 that Selwyn Chihong has decided to slow their project down due to the current low zinc prices, and will not to take the project to the permitting stage this year. According to External Affairs VP Maurice Albert, SC has opted for a traditional drilling program and hopefully add another 10 years to the mine life.
Nechalacho	Avalon Advanced Materials Inc.	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 to advance the project.	News release, 29 November 2017, Avalon releases annual sustainability report with 2017 annual filings

Mines & promising Nunavut mine projects

The following table describes 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: 775 AEM announced they will develop Amaruq satellite deposit, 50km from mine site and add 6 years to mine life, beginning in 2019. Construction of the Amaruq Exploration Access Road commenced in first quarter 2016. Road construction is ongoing with nine kms completed to date of expected total length of 64kms.	Media release, 26 April 2018, Agnico Eagle reports first quarter 2018 results
Mary River Iron Mine	Baffinland Iron Mines Corporation	Iron	In operation since September 2014; Open pit mine 936 km N of Iqaluit. Mine jobs: 602 Production from Early Revenue Phase (ERP) began September 8, 2014. company has proposed a Phase 2 project with increased production and shipping. AANDC Minister has approved application for exemption from NPC negative conformity determination, July 2015.	News release: 18 October 2017, Baffinland Iron Mines concludes record-setting shipping season
Hope Bay (Mine began commercial production May 15, 2017)	TMAC Resources Inc.	Gold	Gold mine 130 km S of Cambridge Bay. TMAC's property covers the majority of the Hope Bay Greenstone Belt. Workforce in 2016: 335 First gold poured in first quarter 2017 and achieved commercial production in second quarter 2017.	News release, 13 March 2018, TMAC appoints Maarten Theunissen as chief financial officer and Ron Gagel as executive vice president, corporate affairs
Meliadine	Agnico Eagle Mines Ltd.	Gold	Proposed open pit and underground gold mine, 25 km NE of Rankin Inlet. Estimated construction jobs: 1,000 Estimated mine jobs: 700 IIBA signed June 2015. Initial capital cost estimate \$911m; mine life 14 years. On February 15, 2017: Agnico Eagle approved Meliadine and Amaruq projects for development with production beginning in 2019. The high-grade Meliadine gold project has 3.4 million ounces of gold in proven and probable reserves* (14.5 million tonnes at 7.32 g/t) and a large mineral resource.	The Meliadine project was approved for development on February 16, 2017 and is now under construction. News Release, February 14, 2018: Agnico Eagle Reports Fourth Quarter and Full Year 2017 Results – Record Annual Gold Output; Production Guidance Increased for 2018 And 2019; Reserves Increase Year-Over-Year
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600 Estimated mine jobs: 900	Media release, 23 April 2018, Sabina & KIA finalize Inuit Impact Benefit Agreement and land agreements for Back River Media release, 8 April 2018, Sabina continues to grow high grade gold zone at Llama

			Sabina's Feasibility Study on its 100% owned Back River Gold Project presents a project designed on a fit-for purpose basis, with the potential to produce ~200,000 ounces a year for ~11 years with a rapid payback of 2.9 years (at a US\$1,150 gold price and a 0.80 exchange rate). Initial CAPEX of \$415 million. Environmental assessment complete	
Kiggavik	AREVA Resources Canada Inc.	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	25 July 2016, Federal Minister of Indigenous and Northern Affairs Canada, on behalf of responsible ministers for authorizing whether the Kiggavik Project should or should not proceed, accept NIRB's determination that the Project should not proceed at this time.
Izok Corridor Project (with High Lake & Hood River deposits)	MMG Ltd.	Copper, Zinc, Gold, Silver	High Lake is 1,710-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	Nunavut Government announced that the Grays Bay Port and Road project did not qualify for federal Transport Corridor funding. Company stated publicly that project needs Grays Bay Road and Port project infrastructure to become a mine.
Chidliak	Peregrine Diamonds Ltd.	Diamonds	Located 120kms NE of Iqaluit, Nunavut, and 180 km S of Pangnirtung. 71 kimberlites discovered with 8 potentially economic on 413,000-hectare site. Positive Phase One PEA, July 2016 highlights: <ul style="list-style-type: none"> • After-tax payback - 2 years, • LOM of 10 years. • Commercial production 2021 with 3-year construction schedule. • LOM average production rate of 1.2 million carats per annum, peaking at 1.8 million carats/year. • LOM average head grade 1.67 ct/T • Estimated pre-production capital of approximately C\$434.9 million, includes construction of 160-kilometre, all-weather road to connect to Iqaluit. • 2,000 tonnes per day. • LOM Opex of C\$94.4/tonne of C\$57.7/carat. 	Media release, 2 April 2018, Peregrine files updated technical report for Chidliak
Angilak	Kivalliq Energy Corp.	Uranium	340,268-acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit	News release, 27 March 2018, Kivalliq receives royalty payment from Sandstorm, exercises Baffin Gold Property option
Qilalugak	North Arrow Minerals	Diamonds	7 km from tidewater; 9 km from Repulse Bay, Melville Peninsula; 7,143 hectares of contiguous mineral claims. Largest kimberlite in Nunavut.	News release, 28 March 2018, North Arrow reports additional diamond results from Q1-4 Kimberlite, Naujaat Diamond Project News release, 5 March 2018 North Arrow starts exploration drilling program at Loki Diamond Project, Lac de Gras, NWT
Committee Bay Gold Project	Auryn Resources (purchased North Country Gold Corp.)	Gold	Committee Gold Bay Project Highlights: <ul style="list-style-type: none"> • High grade gold endowment • Existing exploration infrastructure • 217,600 hectares with district scale discovery opportunities 	Media release, 20 April 2018, Auryn Resources appoints manager of corporate communications

Project maps

