



# **Northern Mining News**

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#### From the Executive Director ...

We have another new mine to announce, as TMAC's Doris mine at Hope Bay declares commercial production. That's great news as now each region of Nunavut has a mine contributing to community benefits and to Nunavut Tunngavik Inc., the land claim organization. With Gahcho Kué in the NWT, each territory has a new mine this year. Not something that happens very often.

This month has been rife with awards, with three CIM Awards and a NAPEGG award to northern individuals and companies.

Spring means NWT Mining Week and the annual Mine Rescue Competition and Miners' Picnic in early June. Come on out to see and participate in the events.

Finally, we announce with some sadness that Elizabeth Kingston our Nunavut General Manager has left for warmer climes. We will miss her and her strong championing of mining in Nunavut. Thank you Liz for all of your hard work on our behalf.

Happy reading! ... Editor

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

# TMAC Resources Announces Commercial Production at Doris Mine and Mill

TMAC Resources Inc. announced May 23 that commercial production has been achieved, effective May 15, 2017, at its Doris Mine and Mill Complex situated on the Company's Hope Bay property located in the Kitikmeot region of Nunavut, Canada.

The Processing Plant has operated at an average in excess of 60% of its 1,000 tonnes per day ("tpd") name plate capacity over a 45-day period, and at an average of over 80% of capacity from May 4 to 15. The Company continues to make improvements and optimizations to operations that will enable ramp up to steady state throughput of 1,000 tpd. As the throughput increases in the Processing Plant, the tonnes of ore brought to surface from underground mining will also be increased. In addition, the Company is focusing on optimizing recoveries, which have yet to reach expected levels. As improved recoveries are achieved, a transition to higher grade feed from the currently blended, lower grade stockpile ore will be fed to the processing plant.

Catharine Farrow, CEO of TMAC Resources stated: "Achieving commercial production is a significant achievement of which our entire team is proud. It is a great step toward achieving steady state operations at our Doris Mine and Mill Complex, which is the first step in our plans to funding the development of the Madrid and Boston deposits. We are proud of the work and dedication of our employees, contractors and consultants as we complete the transformation of TMAC to a producing company and position ourselves for the next phase of growth at Madrid."

## Future looking good too!

In a follow up release on May 24, TMAC announced positive results from drilling "below the dyke", where highlights include:

- TM50049 Doris North BTD 40.5 g/t Au over 1.2 metres
- TM50050 Doris North BTD 14.2 g/t Au over 1.8 metres
- TM50051 Doris North BTD 7.0 g/t Au over 3.1 metres

Dr. Catharine Farrow, Chief Executive Officer of TMAC, stated, "The Doris North BTD underground drilling began from BTD development in March and results reported today ... confirm the Doris North ore-hosting structures continues at depth below the diabase dyke, approximately 400 metres south of the drilling completed in 2016. We will now be able to focus our BTD drilling on parts of those structures where high-grade gold has been intersected outside of the known BTD East Limb mineral envelope in order to evaluate their potential extent, continuity and grade. As a result of today's encouraging drill intersections, we have been able to refine our understanding of the major ore-hosting structures at depth at Doris North, and to have the confidence to add a second drill to the underground drill program as drill bays become available. Ultimately this work is expected to provide TMAC with the opportunity to significantly extend mine life at Doris."

## And it just gets better...

On May 24, TMAC announced that the Nunavut Water Board in consultation with the Nunavut Impact Review Board has issued a new Type B Water Licence for the Madrid North and Madrid



Aerial view of Hope Bay Mine, Nunavut now in commercial production.

South deposits which are situated on the Company's Hope Bay property located in the Kitikmeot region of Nunavut, Canada.

According to Dr. Catharine Farrow, CEO of TMAC: "Receipt of these licences will allow the Company to proceed as planned to advance the testing of the Madrid deposits and, should the testing be successful, to provide ore feed to the Doris Mill Complex starting in 2020. This is another important milestone for TMAC as we transition from developer to producer."

The Madrid North deposit is approximately eight km south of TMAC's Doris North Mine and Mill Complex, and is connected to Doris by an all-weather road.

# Best wishes to Elizabeth, our former Nunavut General Manager

Elizabeth Kingston, the General Manager of our Nunavut office, has left the Chamber at the end of May to pursue new opportunities in Nova Scotia.

Elizabeth joined the Chamber of Mines in April 2011 when she took on her role as the Nunavut representative for our Chamber with professionalism and diligence. Over the past six years, she has served the Chamber well with her adept management of the issues, a professional approach, and ardent championing of the Nunavut minerals industry.

Change brings mixed emotions, and while we will very much miss Elizabeth, we are also happy knowing she will be pursuing new goals and closer to family.

On behalf of the Board and members of the NWT & Nunavut Chamber of Mines, we want to thank Elizabeth for her many years of hard work for the Chamber, and we want to wish her much success in Nova Scotia.

The Chamber will be taking steps to fill the big void Elizabeth has now left.



All the best, Liz and ... Thank You!

## Many Positive announcements for Dominion Diamond & Ekati Mine

This past month has been one of positive announcements from Dominion Diamond Corporation on its mining future. That's a good thing given it's the largest mine in the Northwest Territories.

#### Jay Project Water Licence Recommended for Approval

Dominion Diamond Corporation reported May 30 that the Wek'èezhii Land and Water Board (WLWB) has amended the Type A Water Licence for the Ekati Diamond Mine to include the Jay project. The WLWB has recommended that the amended Water Licence be approved by the Minister of Environment and Natural Resources, Government of the Northwest Territories, the Honourable Robert C. McLeod.

"We appreciate the work of the WLWB in continuing to advance the Jay project through the permitting process, and we look forward to final Ministerial approval and receipt of the Water Licence," said Jim Gowans, Chairman of the Board of Directors of Dominion. "The Jay project is a platform for future growth at Ekati, extending the mine life to 2033, and is part of our overall growth pipeline that will deliver benefits to our many stakeholders."

#### Positive Misery Deep Pre-Feasibility Results Update on Fox Deep Project

A week earlier, Dominion reported positive results of a pre-feasibility study (Misery Deep PFS) on the development of an underground operation below the Misery open pit at the Ekati Diamond Mine. The Company is also providing an update on the Fox Deep project below the mined-out Fox open pit at the Ekati mine. The Misery and Fox kimberlite pipes are located in the Core Zone Joint Venture in which the Company has an 88.9% participating interest. Unless otherwise indicated, all amounts are presented on a 100% basis, and all financial information is presented in US dollars.

#### Highlights

- Inaugural probable mineral reserve of 1.8 million tonnes and 8.7 million carats at Misery Deep
- Positive pre-feasibility study on Misery Deep project, based on underground sublevel retreat mining method, with incremental post-tax net present value of \$92 million (Dominion's share) and internal rate of return of 40%
- Misery Deep enhances production profile at Ekati mine from fiscal 2020 to 2023, with initial capital development of \$94 million, 8.7 million carats recovered, and a construction decision expected June 2017
- Ekati mine life extended from fiscal 2034 to fiscal 2035
- Misery pipe continues to produce outstanding large fancy yellow diamonds, providing upside to modelled diamond prices
- Recently recovered "Arctic Sun" diamond is largest fancy yellow stone recovered to date in North America at 65.93 rough carats, with estimated polished value of \$5 million [Editor's Note: see story and pictures of Arctic Sun following this article]
- Preliminary economic assessment (PEA) on Fox Deep project expected in third quarter of fiscal 2018, and pre-feasibility study scheduled for late fiscal 2018

"Our exciting high-return Misery Deep project, with a post-tax IRR of 40%, is advancing towards development and is expected to enhance our production profile at Ekati over the medium term," said Jim Gowans, Chairman of the Board. "The new mineral reserve at Misery Deep reflects the addition of high grade ore close to our existing mining operation and demonstrates the near- to longer-term upside potential at known kimberlites in the Lac de Gras district."

## Exploration Update and Maiden Resource at Leslie Pipe at Ekati

On May 18, DDC provided an update on its renewed strategic focus on greenfield exploration activities at the Ekati Diamond Mine ("Ekati mine"), Diavik Diamond Mine ("Diavik mine") and other properties in the Lac de Gras region in the Northwest Territories in Canada. The Company also announced a maiden resource at the Leslie kimberlite pipe at the Ekati mine. Unless otherwise indicated, all financial information is presented in US dollars.

#### Highlights

- Maiden inferred mineral resource of 51 million tonnes and 16 million carats at the Leslie pipe, the highest priority amongst pipes at the Ekati mine that have been bulk sampled, but not yet included in the mine plan
- Renewed strategic focus on exploration with success-based five-year budget of approximately C\$50 million
- 150 known kimberlites on the Ekati property, including approximately 110 pipes that have not had follow-up bulk sampling programs
- Kodiak pipe at the Ekati mine is the highest priority amongst pipes that have not been bulk sampled, and is land-based
- Kodiak and Leslie pipes are close to existing infrastructure at the Ekati mine, with potential to be included in a future life of mine plan
- At Diavik, the 2017 program includes drilling, microdiamond sampling and additional mineral chemistry analysis on three priority kimberlites
- Large land position, with exposure to more than 680,000 hectares, and infrastructure advantage in highly prospective Lac de Gras region

"Our renewed focus on exploration is generating strong results along the entire project pipeline, reflecting near-, mid- and longer-term potential," said Jim Gowans, Chairman of the Board. "We expect to complete pre-feasibility studies on Misery Deep and Fox Deep during the current fiscal year, and have identified high potential pipes in proximity to our existing infrastructure in the Lac de Gras region. The Leslie pipe is our highest-priority pipe amongst kimberlites that have been bulk sampled, as demonstrated by the announcement of its maiden resource."

"We are mining and exploring in what is still a relatively young mining district," continued Gowans. "There has been no greenfield exploration at Ekati since 2007, and of the 150 known kimberlites, only about 40 have had follow-up bulk sampling. We believe there is strong potential for further exploration success at Ekati and Diavik, and throughout the highlyprospective Lac de Gras region."

# Arctic Sun: the fabulous Big Yellow Ekati Diamond

In October 2016, Dominion Diamond's Ekati mine turned up something unexpected – a 65.93 carat diamond. What was unexpected was its strong yellow colour and size. This stone was so special that Dominion elected to document it through the cutting and polishing process.



Ekati's Arctic Sun diamond, before and after cutting and polishing.

This is not an easy process, and particularly challenging and no doubt stressful, when you're working with a large expensive stone. The stone was cut at New York City–based Optimum Diamonds, which specializes in manufacturing rare fancy colored pieces. The final weight of this beautiful emerald cut stone is now 30.54 carats. Watch for the full story coming out shortly.

# Mountain Province Diamonds Announces Q1 Results plus two big stones

Mountain Province Diamonds, 49% owner of the Gahcho Kué mine, <u>announced</u> May 10 the results for the quarter ended March 31, 2017. Some highlights are below (All quoted figures in CAD\$):

- The Gahcho Kué Diamond Mine declared commercial production on March 1, 2017 having achieved more than 70% of nameplate capacity of 8,226 tonnes per day over the preceding 30-day period.
- Mining of overburden, waste rock and ore in the 5034 open pit for the three months ended March 31, 2017 was approximately 7.7 million tonnes, with approximately 222,600 tonnes of ore stockpiled at period-end on a 100% basis.
- For the three months ended March 31, 2017, the GK Mine treated approximately 492,000 tonnes of ore through the process plant and recovered approximately 867,000 carats on a 100% basis for an average grade of approximately 1.76 carats/tonne. This recovered grade is approximately 17% above budget for the first quarter. It remains unclear at this time whether or to what extent this positive grade variance will be sustainable. The Company's attributable share of first quarter diamond production was approximately 424,830 carats.
- Gem and near-gem diamonds contributed approx. 96% of the diamond sales proceeds at an average price of US\$118 per carat. The remaining 4% of proceeds came from

industrial diamonds at an average price of US\$7 per carat. Gem and near-gem diamonds represented approx. 57% of the first quarter sales by volume.

- Participation at the Company's first sales increased steadily over the quarter. The average run-of-mine prices increased by approximately 16% in the March sale over the January 2017 sale. Bids per parcel (approx. 115 parcels per sale) increased from an average of 8.1 in January to 10.4 in March. Fifty seven percent of the winning bidders were repeat customers indicating a high level of interest in the Gahcho Kué diamonds.
- Subsequent to quarter end, on May 5, 2017 the Company closed its fourth sale at an average price of US\$86 per carat, a 19% increase from the average first quarter realized price per carat. Bids per parcel at the fourth sale increased to 11.4 and 73% of the winning bidders were repeat customers confirming strong and growing interest in the Gahcho Kue diamonds.

#### **Big diamonds recovered**

On May 31, Mountain Province announced the recovery during April of an 84.65 carat and 53.90 carat gem quality diamond. The joint venture partners bid for the production of fancy coloured and special (+10.8 carat) diamonds on almost a monthly basis, and Mountain Province won the April bid, which included the two exceptional diamonds mentioned above. The fancies and specials will be included in the Company's upcoming sales through its broker in Antwerp, Belgium.

Mountain Province President and CEO Patrick Evans commented: "The 84.65 carat diamond is the largest gem quality diamond recovered to date and provides further confirmation that Gahcho Kué hosts a population of large, high quality gem diamonds. The 53.90 carat diamond is the highest quality exceptional stone recovered to date and is expected to achieve a record price at tender."

The Company also announced the receipt today of a unanimous waiver from all seven participants in its loan facility of the requirement to fund the cash call reserve account until August 31, 2017.



A big, 67.87 carat Gahcho Kué diamond, found earlier.

Mountain Province also announced that the Gahcho Kué Joint Venture has approved a US\$19M budget for winterization of the conveyor systems and installation of expanded dust mitigation systems at Gahcho Kué. Installation of the new systems is scheduled to commence in the second half of 2017 with completion expected in Q1 2018. These new systems are expected to reduce unscheduled extreme cold weather downtime and also increase equipment and operational efficiencies.

Read full release here.

# Canadian Zinc provides Prairie Creek Project Update with financial results

## Feasibility Study Well Advanced

In January 2017, the Company engaged AMC and Ausenco to complete a definitive feasibility study ("DFS") to support the debt financing for the development and construction of the Prairie Creek Mine. This comprehensive study will address all geological, engineering, operating, economic, environmental and other relevant factors in the required detail to serve as support for financing the project to production. This feasibility work is ongoing and the Company expects that the DFS will be completed by mid-2017.

## Mineral Processing Optimization

In tandem with the development of the DFS, CZN also initiated a mineral processing optimization program in January 2017, including further mineral processing optimization testing on new composite bulk samples collected from underground drill holes drilled in the Prairie Creek Mine in 2015. The principal objectives of the metallurgical program are to optimize the proposed mineral processing flow sheet and simplify the flotation circuit design, thereby improving projected metal recoveries and lowering milling costs.

## Alternative Energy Options

In February 2017, CZN entered into an agreement with the Northwest Territories Power Corporation to examine and develop an electrical power strategy for the Prairie Creek Project. The exercise is evaluating the best way to deliver power to the Mine and the potential integration of energy alternatives such as liquefied natural gas ("LNG"). LNG is a cheaper and much more environmentally friendly source of fuel for power generation and use of LNG would result in reducing the dependency on diesel fuel.

## Project Debt Financing

HCF International Advisers, a leading independent corporate finance advisory firm based in London, UK, has prepared a three-staged approach to source and negotiate debt financing for the Prairie Creek Mine. The preliminary stage includes preparation of a new financial model to be incorporated into the DFS, development of a funding strategy, appointment of an independent technical engineer, and conducting preliminary market soundings of potential lenders. This will be followed by formal engagement with potentially interested parties and thereafter negotiation and finalization of financing documentation.

## All Season Road EA Nearing Completion

The environmental assessment of the upgrade of the current winter access road to all season use has now completed the Hearings Phase. The Review Board held Community and Formal (Technical) Hearings in Nahanni Butte and in Fort Simpson April 24 to April 28. The Hearings provided an opportunity for local communities to hear and to participate in a discussion of the issues related to the proposed road development and to raise any concerns directly with the Review Board. There was strong support shown for the Prairie Creek project from both communities. With the Hearings completed, the next step is filing of closing submissions by all parties in May, to be followed shortly thereafter by the closure of the public record. The Review Board is required to determine whether the proposed road development is likely to cause a significant adverse impact on the environment or to be a cause of significant public concern. The Review Board will prepare a Report of Environmental Assessment and submit the Report to the Minister of Indigenous and Northern Affairs Canada. It is anticipated a decision from the Review Board may be made by August 2017.

Read the full release here.

## Kennady Diamonds Announces Faraday 2 Bulk Sample Diamond Results

- Sample grade 2.81 carats per tonne
- Largest diamonds recovered: 4.72 carats, 4.28 carats, 3.45 carats

On May 23, Kennady Diamonds Inc. announced diamond recovery results from its large diameter drilling program on the Faraday 2 kimberlite. A total of 737.6 carats of diamonds (+0.85mm) were recovered from 262.6 tonnes for a sample grade of 2.81 carats per tonne. The result is similar to the mini-bulk sample grade of 2.69 carats per tonne reported in 2016 (see news release, July 25, 2016). In this latest result, 45 diamonds of one carat or greater were recovered of which 12 are described as white in color. The largest stone is a 4.72 carat white/colorless octahedron with minor inclusions. Table 1 below summarizes the diamond recovery results from the 2017 Faraday 2 bulk sample.

Kennady Diamonds President and CEO Dr. Rory Moore commented: "We are delighted with this excellent result from Faraday 2, as it confirms the high diamond grade suggested by the 21 tonne mini-bulk sample completed in 2016. Moreover, even with the limitation of the small parcel size, the size distribution and quality characteristics of the Faraday 2 diamonds are better than the diamonds recovered from Kelvin to date. These results firmly support the potential for Faraday 2 to add additional high-grade diamond resources to those already established for the Kennady North Project."

The four largest diamonds recovered from the Faraday 2 bulk sample are described as:

- 4.72 carat white/colorless octahedron with minor inclusions
- 4.28 carat off-white transparent octahedron with noticeable inclusions;
- 3.45 carat brown transparent octahedron with noticeable inclusions;
- 2.69 carat white/colorless, transparent tetrahexahedroid with noticeable inclusions

Images of select diamonds from the 2017 Faraday 2 bulk sample will be posted on the Company's <u>website</u>. Read the full release <u>here</u>.



See more diamond photos from the 2017 mini-bulk sampling here.

## NWT Mining Week, June 5-10

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. Check out the poster below, or read a larger version <u>here</u> on our website.

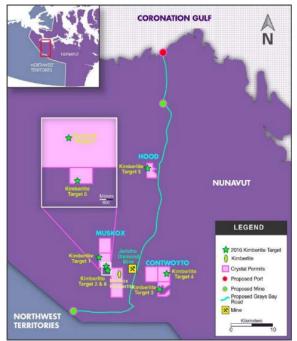


# **Exploration & Development News Briefs**

(See our website for more information)

**Crystal Exploration** <u>announced</u> May 12, it proposes to complete a non-brokered private placement financing on a best efforts basis of up to 10 million units ("Units") at a price of \$0.10 per Unit for gross proceeds of up to \$1,000,000. Each Unit will consist of one common share and one common share purchase warrant. Each whole warrant entitles the holder to purchase one additional common share of the Company at an exercise price of \$0.18 for a period of 24 months from the date of issue of the warrant.

Proceeds from the private placement will be used for



Crystal Exploration Targets in NU.

working capital and to advance gold and diamond projects located in Nunavut, Canada.

**Kennady Diamonds Inc.** announced May 17 the closing of the previously announced non-brokered private placement of flow-through and non flow-through common shares, for aggregate gross proceeds of \$12,035,422.93. The Company has issued 1,538,461 flow-through common shares at a price of \$4.38 per share and 1,629,835 non flow-through common shares at a price of \$3.25 per share. The shares are subject to a four month hold period, expiring September 18, 2017. Proceeds of the Offering will be used in part to fund the Company's 2017 exploration and evaluation

program on the Kennady North Project, and for general corporate purposes.

**Kivalliq Acquires Gold District on Baffin Island**: On May 8, Kivalliq announced the acquisition of a dominant land position in one of the largest undeveloped greenstone-iron formation gold belts in Nunavut, Canada. This land package, totalling 408,981.6 hectares and covering 160 kilometres of the Foxe Fold Belt on central Baffin Island, comprises a Mineral Exploration Agreement (MEA) with Nunavut Tunngavik Inc. (NTI); the acquisition of 15 prospecting permits; and a transaction with Commander Resources Ltd. (Commander).

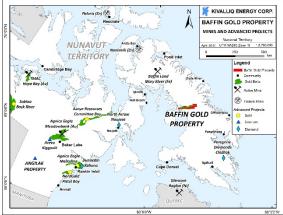
Baffin Gold Acquisition Highlights:

- Large land position with exclusive control of one of the largest undeveloped greenstone belts in Canada
- Covers a strongly mineralized gold system hosting known high-grade gold occurrences in multiple geological settings: iron formation, shear zones, quartz veins, metasediments and metavolcanics
- Over \$25 million of exploration data and extensive geoscience databases from BHP-Billiton, Falconbridge, Commander Resources and AngloGold Ashanti exploration programs performed between 2001 and 2011
- An existing camp, tidewater access and two 1,200 metre DEW Line airstrips will help to accelerate future work programs and potential development
- Only 158 drill holes to date (<150 m depth) along entire belt, focused mostly on four prospects
- 61% of historic drill holes returned weighted assay intervals of > 1.0 g/t Au over 1.0 metre

"With the acquisition of the Baffin Gold project in Nunavut Territory, we have strengthened our relationship with NTI and we now hold an entire district with proven gold potential," stated Kivalliq Energy CEO Jim Paterson. "Our team will benefit greatly from the significant exploration expenditures from previous operators, which generated extremely high-grade gold numbers at exploration targets that also exhibited potential for significant size and scale. We feel the combination of the Baffin Gold project's key attributes, including: low entry cost; high potential for discovery and expansion of known gold zones; in a mining friendly jurisdiction, make this a highly valuable acquisition for the shareholders of Kivalliq. Our group has multi-decades of experience running successful northern projects and the Baffin

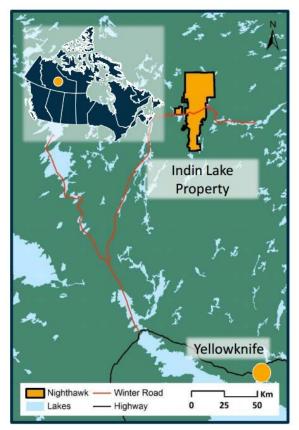
Gold Property is a great addition to the Kivalliq portfolio."

The Baffin Gold Property is a district-scale land package covering an entire Proterozoic gold belt having geological and structural similarities to multimillion ounce gold mines in the north (i.e. Meadowbank, Lupin) as well as the prolific Homestake Mine in South Dakota. Previous exploration has identified numerous prospects along 140 kilometres of strike length, with high-grade gold occurring in multiple settings: silicate and sulphide iron formation; shear zones and quartz veins hosted in granodiorite, metavolcanics and metasediments.



The Baffin Gold Property is comprised of consolidated mineral tenure located approximately 230 kilometres southwest of the community of Clyde River on Baffin Island, in the Qikiqtani region of Nunavut. This property comprises fifteen prospecting permits, six crown mineral claims and three Inuit Owned Land parcels subject to MEA's with NTI.

Nighthawk Gold Corp. announced May 25 that it has graduated to the Toronto Stock Exchange (TSX). Its common shares will commence trading on the TSX on Monday, May 29, 2017, and the common shares will be delisted from the TSX Venture Exchange at such time. The Company will continue to trade under the ticker symbol "NHK" on the TSX. Nighthawk's President and Chief Executive Officer Dr. Michael Byron said: "The Nighthawk story has come a long way from its humble beginnings in 2008 and our move to the TSX signals a pivotal moment in our evolution. We initiated our 2017 drill program in March, consisting of a minimum of 25,000 metres of drilling (focussed on growing and further delineating the high-grade potential at Colomac). We expect to release our first set of drill results shortly. As well, 2017 is slated to be our most extensive regional



exploration campaign to-date. Activities will include geological mapping, ground geophysics, and prospecting, focused on developing new drill targets on some of our prioritized prospects as well as identifying new regional opportunities, all geared towards unlocking the future value of this district scale opportunity.

We are committed to delivering on the prospective nature of the Indin Lake gold camp, an archetypal Archean gold camp which simply has not seen the scale of exploration effort over the past 100 years as have similar Archean gold camps such as the Timmins camp. Nighthawk controls 90% of the Indin Lake camp, giving us the room to explore all of our targets freely and unencumbered. We look forward to updating our shareholders on our continued success as we move forward in our evolution."

North Arrow Closes Non-Brokered C\$5M Private Placement Financing. The non-brokered private placement closed on May 18. The Company has issued 20,000,000 units at a price of C\$0.25 per unit (the "Units") for aggregate proceeds of C\$5,000,000. Each Unit issued under the private placement consisted of one common share in the capital of the Company and one common share purchase warrant (a "Warrant"). Each Warrant entitles the holder thereof to purchase one additional common share of the Company at a price of C\$0.40 for a period of three years up to May 18, 2020. As part of the private placement, Electrum Strategic Opportunities Fund L.P. and Ross Beaty (collectively, the "Purchasers") have each made an investment of \$2,000,000, together \$4,000,000, towards the private placement. Each of the Purchasers will own 19.01% of North Arrow's outstanding shares on a partially diluted basis assuming the exercise of all Warrants acquired by such Purchaser. The net proceeds of the private placement will be used for general working capital and to fund the continued evaluation of North Arrow's Canadian diamond exploration properties, including exploration programs at the Naujaat and Mel Diamond Projects, Nunavut, which are expected to commence in June. Insiders of the Company participated in the private placement on the same terms and conditions as arm's length subscribers. All securities issued in the private placement are subject to a hold period expiring on September 19, 2017.

Sabina Gold & Silver reported on May 9 the financial results for the guarter ended March 31, 2017. "Much was accomplished during the first quarter as we continued to de-risk the Back River Project. On the permitting front, we continued to work with all stakeholders on the Project prior to the NIRB final hearing at the end of this month," said Bruce McLeod, President & CEO. "We have worked particularly hard on our wildlife mitigation proposals which we believe are now the best in class in the north. We continue to build support for the Project through further community engagement efforts, and have also continued to progress project development with basic engineering underway and have completed a high impact drilling program for which assay results are pending. We look forward to the next steps for the Company and the Project as we work towards becoming a gold producer."

#### Q1, 2017 Highlights:

- The Company had cash and cash equivalents and short-term investments of \$43.1 million at March 31, 2017.
- On January 12, 2017, the Minister of Indigenous and Northern Affairs Canada ("INAC"), with the agreement of other responsible ministers, decided that the Back River Project be returned to the Nunavut Impact Review Board for further consideration. On February 15, 2017, the

Company submitted an addendum to its Final Environmental Impact Statement to the NIRB. All parties are currently reviewing the addendum and will submit responses to culminate in a second final hearing in Cambridge Bay, Nunavut on May 31 through June 3, 2017.

- Subsequent to the quarter, the Company completed further consultation with the communities in the Kitikmeot region and with aboriginal groups in the Northwest Territories. The Company continues to receive strong support from Kitikmeot communities in favour of advancing the Project.
- On February 28, 2017, the Company completed a bought deal private placement flow-through financing to raise total gross process of approximately \$6.1 million through the issuance of 3,470,000 flow-through commons shares. The total gross proceeds from the financing must be used to incur Canadian exploration expenditures as defined by the Income Tax Act (Canada) by December 31, 2018.
- Subsequent to the quarter, the Company initiated a spring drilling campaign focused on potential high impact targets at the Goose site around the existing reserves with a view to demonstrating additional mine life at the Project. This program has since been completed and assay results are pending.
- During the quarter the Company announced its budget for 2017 which included a base budget of \$8.5 million and further discretionary expenditures, based on achieving certain permitting milestones, of up to a total of ~\$31 million.
- For the quarter ended March 31, 2017, the Company reported a net loss of \$1.4 million or \$0.01 per share.

#### Read full release here.

Sabina Gold & Silver announced May 23 the first results from the recently completed spring exploration diamond drilling program at its 100% owned Back River Gold Project in Nunavut. Approximately 7,000 m of drilling has been planned for 2017 in two drill programs, with the first completed this spring, and the balance in a summer drill campaign to commence in August. Priority drill targets were selected based on the potential to enhance project economics by adding or demonstrating potential additional mine life in the footprint of the proposed Goose Project. The spring drilling program has successfully concluded with approximately 2,700m of drilling in five drill holes. One drill hole (17GSE511B) targeted the Umwelt "Vault" zone with the objective of demonstrating the extension of a high-grade zone indicated by three historical drill holes included in the Umwelt resources. Sabina is highly encouraged by the results of this hole returning 16.86 g/t Au over 13.5 m from 734.00 m to 747.5 m, including 27.11 g/t Au over 7.95 m from 736.75 to 744.70 m. This strongly mineralized zone was intersected at a vertical depth of 675 m and is open to the east in the down dip direction. Results from a total of 43.60m of the drill hole have been returned to date; additional assays are pending for the remainder of the sampled intervals. Read the full release <u>here</u>.

Seabridge Gold announced May 11 that its 2016 Annual Report is now available on its website at www.seabridgegold.net/sharefinrep.php. Here are some excerpts on their NWT Courageous Lake project. Limited resources have been allocated to its Courageous Lake project in the NWT in recent years as the Company focused on advancing its BC projects. Seabridge will continue its objective of advancing its major gold projects, KSM and Courageous Lake, and to further explore its new Iskut Project, to either sell or enter into joint venture arrangements with major mining companies. Limited work is planned for Courageous Lake and the Company is planning to deploy a ground geophysical survey over a limited area. In each of 2015 and 2016, the Company incurred \$0.6 million of exploration and other costs completing a limited exploration program while the Company continued its primary focus on exploration programs at KSM in 2015 and KSM and Iskut in 2016.

Silver Range Resources Ltd. announced May 17, 2017that it has staked five new gold targets and quadrupled its land position in the emerging South Kitikmeot Gold Belt between the Lupin Mine and the Back River Project in western Nunavut. The South Kitikmeot Gold Belt covers a 200 km long package of Archean Beechey Lake metasedimentary rocks which host the Lupin Mine (3.4 M oz past production) and the Back River Project (5.3 M oz Measured and Indicated) currently being advanced to production by Sabina Gold & Silver Ltd. (TSX:SBB). Silver Range owns four projects in the belt and has augmented its dominant land position with the following acquisitions and additions:

- Uist South.
- GB West.

- Higiniq.
- Ujaraq.
- Wasp Lake.

With this additional staking, Silver Range has increased its ground position from 10,500 acres to 42,700 acres and acquired the last of the open gold showings in the Beechey Lake Group between the Lupin Mine and the Back River Project. Descriptions of the properties in Silver Range's South Kitikmeot Gold Project may be found at

#### www.silverrangeresources.com

During the spring and summer, Silver Range is planning to complete geophysical surveys at Bling and Uist; to complete community consultations and apply for drill permits; and to conduct a regional prospecting program to identify new gold showings in the South Kitikmeot Gold Belt.

Read the full release here.

**TerraX Gold & Silver** announced on May 8, the appointments of Russell Starr and Rene Carrier as Directors of the Company and of Alan Sexton, P. Geo, as VP Exploration.

Mr. Starr is a successful mining entrepreneur having most recently been a director and senior member of the management team of Cayden Resources, which was acquired by Agnico Eagle Mines in 2014. He has over 16 years of experience with global investment banks and independent boutique investment dealers; working as a salesperson, trader and investment banker. He is currently an SVP at Auryn Resources and holds an MBA from the Richard Ivey School of Business and a Master of Economics from the University of Victoria.

Mr. Carrier also served as Director of Cayden Resources prior to its acquisition by Agnico Eagle. He has been the President of Euro-American Capital Corporation, a private investment company, since May 1991. He served as Vice-President of Pacific International Securities Inc. where he worked for ten years until 1991. He served as Lead Director of International Royalty Corp. ("IRC") from 2003 to 2010. IRC was a global mineral royalty company engaged in the acquisition and creation of natural resource royalties which was acquired by Royal Gold Inc. in 2010.

Joseph Campbell, Chairman and CEO of TerraX, states "We are very fortunate to have individuals of Russell and Rene's caliber join the Terrax team as we pursue the continued discovery of a high grade Canadian gold district. They bring a depth of successful experience in the financial, marketing and corporate governance areas of our business which will compliment TerraX and its efforts moving forward."

Additionally, Mr. Alan Sexton, P. Geo has been appointed as VP Exploration. Much of Al Sexton's career has been with major mining companies, specifically Western Mining Corporation (WMC) where he was the Site Manager for the Meliadine gold project in Nunavut (now owned by Agnico Eagle Mines) over a seven year period from discovery through to pre-feasibility. Mr. Sexton has also been the technical expert on mine development Environmental Impact Assessment reviews on several projects in the Kivalliq Region of Nunavut for the Kivalliq Inuit Association. In addition, he has managed several advanced diamond drilling programs on gold projects throughout the Abitibi Greenstone Belt of northeastern Ontario and authored numerous NI 43-101 compliant mineral resource estimates.

Mr. Tom Setterfield, one of the original founders of TerraX, has resigned as a director to facilitate the appointment of Mr. Starr and Mr. Carrier to the board. TerraX would like to thank him for the significant role he has played in the development of TerraX and our current success with the Yellowknife City Gold project. We wish him well in his future endeavours.

The board of directors of TerraX now consists of Joseph Campbell, Stuart Rogers, Elif Lévesque, Paul Reynolds, Russell Starr and Rene Carrier.

**TMAC Resources** provided an updates on May 23 of the below the diabase dyke "BTD" access development and initial exploration drilling results at Doris North Mine, Hope Bay. Highlights Doris North BTD:

- Hole TM50049 40.5 g/t Au over 1.2 metres
- Hole TM50050 14.2 g/t Au over 1.8 metres
- Hole TM50051 7.0 g/t Au over 3.1 metres

Dr. Catharine Farrow, Chief Executive Officer of TMAC, stated, "The Doris North BTD underground drilling began from BTD development in March and results reported today are interpreted to have intersected the Doris North stratigraphy and BTD East Limb mineralization, and confirm the Doris North ore-hosting structures continues at depth

below the diabase dyke, approximately 400 metres south of the drilling completed in 2016. We will now be able to focus our BTD drilling on parts of those structures where high-grade gold has been intersected outside of the known BTD East Limb mineral envelope in order to evaluate their potential extent, continuity and grade. As a result of today's encouraging drill intersections, we have been able to refine our understanding of the major ore-hosting structures at depth at Doris North, and to have the confidence to add a second drill to the underground drill program as drill bays become available. Last year, the excellent drill results of 2016 on the Doris North BTD target provided TMAC management with the confidence to extend mine development below the diabase dyke. Consistent with TMAC's philosophy of optimizing infrastructure, the current Doris North BTD development ramp will be multifunctional, providing physical access to the Doris North BTD East Limb, more efficient drilling platforms proximal to both the BTD East Limb and the BTD Extension, and drill platforms to facilitate targeting of additional exploration areas below the diabase dyke. Ultimately this work is expected to provide TMAC with the opportunity to significantly extend mine life at Doris."

On May 24, TMAC announced that the Nunavut Water Board in consultation with the Nunavut Impact Review Board has issued a new Type B Water Licence for the Madrid North and Madrid South deposits. The receipt of the Type B Water Licence for Madrid North and Madrid South will allow TMAC to conduct advanced exploration programs at both deposits, including establishing underground infrastructure for exploration and collection of bulk samples for testing at the Doris Mill Complex. The Madrid North deposit is approximately eight km south of TMAC's Doris North Mine and Mill Complex, and is connected to Doris by an all-weather road. Dr. Catharine Farrow, Chief Executive Officer of TMAC, stated: "Receipt of these licences will allow the Company to proceed as planned to advance the testing of the Madrid deposits and, should the testing be successful, to provide ore feed to the Doris Mill Complex starting in 2020. This is another important milestone for TMAC as we transition from developer to producer."

# Agnico Eagle releases annual Sustainable Development Report

AEM has released its annual Sustainable Development Report and it can be downloaded here.

The following excerpt related to Nunavut is excellent.

## Setting Inuit and Nunavut Businesses Up for Success

Over the next two years Agnico Eagle will complete the construction of our new Meliadine mine, which is located in the Kivalliq region of Nunavut, about 25 km north of Rankin Inlet in Canada's Low Arctic. Building a mine in such a remote location takes extensive planning and preparation.

*In 2017 alone, over \$350 million will be spent to complete the underground development, surface infrastructure and the construction of a camp complex.* 

The Meliadine IIBA with the KIA outlines our joint commitment to ensure that business, employment and training opportunities for Meliadine will benefit Inuit in the region.

Local Inuit business leaders have appreciated Agnico Eagle's support. Peter Tapatai, President of Peter's Expediting Ltd. in Baker Lake says, "Meadowbank was one of my first clients when I started my overland hauling business. It has gone from no employment to so many opportunities – which is what we need as we build Nunavut. This is what Meadowbank has done for us. It's been great to work side-by-side with them."

Richard Connelly, Vice-President of Sarliaq Holdings Ltd. in Rankin Inlet adds, "We started out very small and the fact that Agnico Eagle believes in supporting local business, and giving opportunities to local business, gives us the chance to hire more people, do more training and provide more jobs locally. All of the skills that people learn here, whether its mining, whether its environment – it doesn't matter, all



of the skills that they learn here are transferable. They can use them somewhere else and that is very important for us."

*If 2016 was all about information, awareness and preparation, 2017 is all about execution as we work in partnership with the KIA to share the benefits of economic development with the region.* 

Download the report <u>here</u>.

# De Beers Pioneers Research to Make Carbon-Neutral Mining a Reality

De Beers Group announced in early May that it is leading a ground-breaking research project that aims to deliver carbon-neutral mining at some of the company's operations in as few as five years.

The company's scientists are working in close collaboration with a team of internationallyrenowned scientists to investigate the potential to store large volumes of carbon at its diamond mines through the mineralisation of kimberlite 'tailings', the material that remains after diamonds have been removed from the ore.

De Beers Group will investigate the storage potential across its diamond mines globally. It is the first time such extensive research has been undertaken to assess the carbonation potential of kimberlite, a rare type of rock that has been found to offer ideal properties for storing carbon through mineral carbonation technologies.

## Three CIM Awards to Northerners and our Operations

#### CIM Memorial Award for Excellence to Diavik Wind Engineer

The Canadian Institute of Mining's Donald J. McParland Award For excellence in maintenance engineering and reliability in the minerals industry was presented to Liezl van Wyk at this year's CIM Awards Banquet, in recognition of her pioneering contribution to the field of renewable energy in mining.

Lieszl is known in the NWT's mining industry for her work at Diavik to design and develop the first large scale off-grid, wind-diesel power project. That wind system is serving Diavik well, offsetting approximately 10% of the mine's diesel power needs, and reducing Green House Gas emissions.

Liezl is a Namibian by nationality. She obtained her B.Eng degree in Electrical and Electronic Engineering at the University of Stellenbosch, South Africa in 1994 and her M.Sc in High Voltage Engineering in 1996. She worked for many years in the power utility industry before acquiring her MBA in Lausanne, Switzerland. She has held a number of positions within Rio Tinto, where she continues to contribute to the technical business.



*Liezl van Wyk and her award winning Diavik wind project.* 

The medal commemorates Donald J. McParland, a founding member of the Mechanical-Electrical Division and its first Chairman whose brilliant career was tragically ended in 1969 at the age of forty in an airplane crash at Labrador City. The fallen maple leaf in the design depicts a young Canadian abruptly severed from his life and country at the height of his career - a most fitting tribute. Learn more <u>here</u>.

## CIM Award for Excellence to Hendrik Falck

Hendrik Falck, geologist with the Northwest Territories Geological Survey has received the CIM's Julian Boldy Geological Society Service Award, for exceptional service to the Geological Society of CIM.

Hendrik has been living and working as a geologist in Yellowknife since 1990. He graduated from Carleton University with a Masters degree in 1990, and a Bachelors degree at the University of Toronto. After arriving in Yellowknife to study gold showings for the Government of the NWT (GNWT), Hendrik has worked as an exploration geologist for Covello, Bryan and Associates, as the Kennecott Canada Inc. bulk-sample geologist and plant manager, during the assessment of the Diavik Diamond Mine kimberlites. Following gold exploration projects with Royal Oak Mines, Hendrik returned to the Territorial Government. Currently, Hendrik is currently the Mineral Deposits Geologist and supervising a multi-year program to complete geochemical sampling in the



Hendrik receiving his award from a former Yellowknife mining man, and CIM President Michael Winship.

Northwest Territories' extent of the Cordillera and research projects examining mineral deposits in the territory.

Hendrik is the president for Geoscientists Canada where he has also served as the NWT/NU director. He is also a past-president of the NWT and Nunavut Association of Professional Engineers and Geoscientists. Hendrik is a member of the CIM Geological Society Council, and a technical editor for the CIM Journal. He is also a director for the Canadian Geological Foundation.

The Julian Boldy Geological Society Service Award was initiated in 1986 to commemorate the exceptional contributions made to the Geological Society of CIM by the late Julian Boldy. Sponsored by the Geological Society of CIM, the Award consists of a silver-framed gold medal.

## CIM Health and Safety Award to Gahcho Kué Mine

Gahcho Kué Mine received the 2017 Hatch-CIM Mining & Metals Project Development Safety Award, in recognition of its outstanding safety systems, culture and performance during the project phase. Sister diamond mine, Victor in Ontario, also received a safety award.

"To have our teams recognized at this level for their demonstrated commitment to Zero Harm is an outstanding achievement that reflects the collective contributions of all employees across De Beers Canada," said Kim Truter, Chief Executive Officer of De Beers Canada. "I want to congratulate all employees at Victor and Gahcho Kué for their outstanding safety performance and for helping establish De Beers Canada as a global mining safety leader."

This is the fourth major award for Gahcho Kué in the past year: 2017 Viola R. MacMillan Award from the Prospectors and Developers Association of Canada (PDAC) in March 2017; Gold at the 11th Annual Project Management Institute's awards gala in October 2016; and, Workplace Health and Safety Award from the Yellowknife Chamber of Commerce in November 2016. The Gahcho Kué Mine in the Northwest Territories is a joint venture between De Beers Canada (51%), the Operator, and Mountain Province Diamonds (49%).

# **Dominion Diamond Wins NAPEG Award for Environmental Excellence**

On May 11, Dominion Diamond Corporation (Dominion) received the Environmental Excellence Award from the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG) at an awards banquet in Yellowknife for the company's efforts in the preservation of the environment, and practice of sustainable development.

The award was presented to Dominion for the organic waste management process at the Ekati mine, which includes an industrial scale composter, along with incineration, landfill, and hazardous waste management practices. Chantal Lavoie, Dominion's Chief Operating Officer, received the award on behalf of the company.

Brendan Bell, Chief Executive Officer, said, "Dominion is honoured to be recognized once again for our efforts in progressive waste management. We are particularly proud of our teams at site, who have worked hard to transform how waste is managed in order to reduce emissions, improve sustainability, and keep the environment clean and safe."

Since purchasing the Ekati mine in 2013, Dominion has been working hard to modify procedures, improve organic waste management awareness across site and invest in innovative technologies to reduce waste, fuel and water consumption.

Dominion has received particular recognition for being the first northern mine to compost a significant portion of waste through its industrial composting unit, which was brought online in 2015. Today, over half of the organic waste at the Ekati mine is composted.



Chantal Lavoie, Dominion Diamond's COO accepted the 2017 NAPEG Award (Credit: NAPEG/Dave Brosha)

Dominion thanks the team that worked on the program for many years, including Rodney Gamble, Dustin Chaffee and Joe Poirier, under the leadership of Howard Nowell in his role as Superintendent of Facilities at that time. Further information about the Waste Management Program is included below.

Earlier this month, Dominion also received the Environmental Excellence Award from Towards Sustainable Mining (TSM) in recognition of the company's comprehensive waste management program at the Ekati mine.

This is the second NAPEG award the company has won in recent years. In 2015, NAPEG awarded Dominion in the Civic Award category for local community initiatives that the company supports, specifically the Food Rescue program.

# Advancing Aboriginal Land Claims in the NWT

On April 5, the Honourable Carolyn Bennett, Minister of Indigenous and Northern Affairs, and the Honourable Bob McLeod, Premier and Minister of Executive and Indigenous Affairs for the Government of the Northwest Territories, met with leadership of the Dehcho First Nations, the Akaitcho First Nations and the Northwest Territory Métis Nation in Ottawa to discuss their respective land claims.

The meeting follows the submission of two reports from Ministerial Special Representatives (MSR) who were appointed to facilitate discussions between the negotiating parties to advance resolution of their claims. The reports, which highlight current challenges in negotiations and provide recommendations to address them, provide the opportunity for a path forward with each Indigenous group in a spirit of reconciliation and collaboration. The GNWT and Canada plan to make new offers to each Indigenous group by the middle of May.

For some good background reading on the land claim issue in southeast NWT, the report by Tom Isaac provides an excellent summary. Download the MSR reports and release <u>here</u>.

Shortly after these reports were filed, in a surprise move Peter Marcellais, Chief of the Nahanni Butte Dene Band announced that they were pulling out of the Dehcho land claim. If the band follows through with this, they will be the second group to have pulled out of the Dehcho [land claim] Process. The Acho Dene Koe First Nation from Ft. Liard pulled out of the Dehcho Process to negotiate their own land claim in 2008.

# De Beers Report to Society 2016

De Beers 11<sup>th</sup> annual sustainability report, *Building Forever: Report to Society 2016*, is now available. It highlights that acting responsibly has long been an imperative for De Beers Group

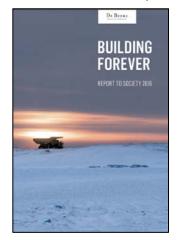
and its joint venture partners— not only because being a good corporate citizen brings all-round socio-economic benefits to our key stakeholders, but also because it makes good business sense.

Lit up by some stunning photography from their operations around the globe, the Report reflects on how 2016 was a year defined by partnerships.

It details how, through strong financial and operating performance, we have been able to deliver further benefits to our partners across the value chain. And it reflects on how we have gone beyond compliance to ensure our benefits go beyond diamonds.

Four main topics – Society, Confidence, People and Environment –

turn the spotlight on the main aspects of the company's activities across the world. Find out more at: <u>www.debeersgroup.com/reporttosociety</u>.



# De Beers Rough Diamond Sales for Cycle 4, 2017

In mid-May, De Beers Group announced the value of rough diamond sales (Global Sightholder Sales and Auction Sales) for the fourth sales cycle of 2017.

	Cycle 4 2017	Cycle 3 2017	Cycle 4 2016
	(provisional) <sup>1</sup>	(actual) <sup>2</sup>	(actual)
Sales value <sup>3</sup> (\$m)	520	586	636

Bruce Cleaver, CEO, De Beers Group, said: "We are continuing to see steady demand for rough diamonds, despite the industry entering a typically quieter season. Sentiment remains positive as we head towards the important Las Vegas trade show in early June."

<sup>1</sup> Cycle 4 2017 provisional sales value represents sales as at 15 May 2017.

<sup>2</sup> Cycle 3 2017 actual sales value is restated following the earlier publication of a provisional figure for the third sales cycle of 2016.

<sup>3</sup> Sales values are quoted on a consolidated accounting basis and are before capitalisation of pre-commercial production revenues at Gahcho Kué. Auction Sales included in a given cycle are the sum of all sales between the end of the preceding cycle and the end of the noted cycle.

# Funding for Nunavut Prospectors – Deadline June 30

#### Are you a prospector?

The Nunavut Department of Economic Development and Transportation is accepting applications for the Prospectors Program. Application deadline: June 30

Qualified prospectors may apply for a contribution of up to \$8,000 per year to cover basic expenses while exploring for new mineral occurrences in Nunavut. This financial support applies to project-related expenses such as fuel, vehicle maintenance, food allowance while in the field, assistant wages, prospecting supplies, and mineral assay costs.

NPP contribution agreements are awarded on a one-year basis. People may apply in subsequent years. Applications are still being accepted until June 30.

To qualify for NPP support, you must:

- Be a Nunavut resident
- Be of legal age (18 or older)
- Have prospecting experience

Resident Geologists based in Cambridge Bay and Arviat administer the NPP, and are available to advise prospectors on their individual projects. The Resident Geologists also offer introductory prospecting courses in every Nunavut community. Completion of the Prospecting Course will fulfill the experience requirement for NPP support (if you have no prior prospecting experience).

For more information, call 1-888-975-5999, email minerals@gov.nu.ca or visit <u>www.edt.gov.nu.ca</u> and click on the Programs/Funding tab. You can also visit your hamlet office for assistance. or contact the Resident Geologist or Community Mining Advisor closest to your community.

## NWT land claims offers provide flexibility to reach final land claim agreements

Premier Bob McLeod announced May 26 that government negotiators have new land claim offers to both the Akaitcho Dene First Nation (ADFN) and the Northwest Territory Métis Nation (NWTMN) that incorporate recommendations from the Ministerial Special Representative, Tom Isaac. The two offers provide for flexibility so that the priorities of all parties can be achieved.

The Government of the Northwest Territories has made a commitment to resolve outstanding land, resource and self-government agreements during its term. Concluding these agreements will bring increased certainty to land and resource management in the Northwest Territories and create economic opportunities and prosperity for communities and regions across the NWT.

Negotiations are scheduled to further discuss these offers and the other remaining outstanding issues in the draft agreements. Both Akaitcho Process negotiations and negotiations with the Northwest Territory Métis Nation will continue as they have to date, on a confidential basis.

NWT Premier Bob McLeod: "The Government of the Northwest Territories is a national leader in relationship building with Indigenous governments, which are essential partners in shaping the future and creating opportunities for all residents, and each level of government has an important role to play and responsibilities to deliver upon. We are committed to concluding the remaining land claim and self-government agreements in the Northwest Territories by taking innovative, flexible approaches that will result in fair and equitable agreements to recognize and protect Indigenous and treaty rights consistent with their aspirations."

## Completion of final winter construction season on the Inuvik Tuk Highway

One more northern highway is nearly complete.

The last winter construction season of the Inuvik Tuktoyakyuk Highway (ITH) concluded in April, and consisted of completing the final two bridges, as well as crushing and stockpiling surface gravel. Construction this summer season will focus on grading, packing, and shaping the base of the highway in preparation for gravel surfacing. Signage and guardrails will be installed this fall.

The ITH is scheduled to be completed by November 15, 2017. Upon opening, it will be the first public highway to the Arctic Ocean, connecting Canada coast to coast to coast. The highway will decrease the cost of living in Tuktoyaktuk by allowing for year-round transportation of goods by road, and support new economic opportunities in the region by enhancing tourism and reducing the costs of development.

"The opening of the Inuvik-Tuktoyaktuk Highway will represent an important milestone for the Northwest Territories in expanding the transportation system to connect communities, reduce the cost of living, improve access to natural resources, and facilitate increased tourism," said Wally Schumann, NWT Minister of Infrastructure. The project has already contributed to significant local training and employment and will continue to provide social, political, and economic opportunities for residents as a new era of uninterrupted access begins for the community of Tuktoyaktuk."

## Member News Releases this past month

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

- 31 May 2017, Mountain Province Diamonds Provides Operational Update and Announces Extension of Lenders' Waiver
- 30 May 2017, Dominion Diamond Announces Jay Project Water Licence Recommended for Approval
- 26 May 2017, Seabridge Gold Confirms Transfer of Red Mountain Claims to IDM Mining
- 25 May 2017, Attend one of Baffinland's Phase 2 Information sessions
- 25 May 2017, Nighthawk Confirms Graduation to the TSX
- 24 May 2017, TMAC Resources Receives Madrid Type B Water Licence
- 24 May 2017, TMAC Resources Updates on Development Progress and Ongoing Exploration Drilling of the BTD Zones at Doris North Mine, Hope Bay
- 23 May 2017, Sabina Gold & Silver Announces Drilling Expands Mineralization At Umwelt Vault Zone
- 23 May 2017, Kennady Diamonds Announces Faraday 2 Bulk Sample Diamond Recovery Results
- 23 May 2017, Dominion Diamond Announces Positive Results of Misery Deep Pre-Feasibility Study and Provides Update on Fox Deep Project at Ekati Mine
- 23 May 2017, TMAC Resources Announces Commercial Production At Doris Mine And Mill Complex
- 18 May 2017, Baffinland and QIA approve 2017 IIBA Work Plan for Mary River Mine
- 18 May 2017, North Arrow Closes Non-Brokered C\$5M Private Placement Financing
- 18 May 2017, De Beers to Auction Polished Diamonds Manufactured Directly from its Own Rough
- 18 May 2017, Dominion Diamond Provides Exploration Update and Announces Maiden Resource at Leslie Pipe at Ekati
- 17 May 2017, Kennady Diamonds Closes \$12M Private Placement
- 17 May 2017, Nighthawk Announces Graduation To TSX And Appointment Of Non-Executive Chairman Of The Board
- 17 May 2017, Silver Range Stakes Five New Targets in the Lupin Back River Area of Nunavut
- 16 May 2017, Dominion Diamond Wins NAPEG Award for Environmental Excellence
- 15 May 2017, Dominion Diamond's Fiscal 2018 First Quarter Results to be Released Monday, June 12, 2017
- 15 May 2017, Canadian Zinc Reports Financial Results and Activity Update for First Quarter of 2017
- 15 May 2017, TMAC Reports Operating and Financial Results for First Quarter of 2017
- 12 May 2017, Seabridge Gold Files First Quarter Financial Statements and MD&A
- 12 May 2017, Crystal Exploration Financing
- 11 May 2017, Seabridge Gold Publishes 2016 Annual Report
- 10 May 2017, Mountain Province Diamonds Announces March 31, 2017 Quarter End Results
- 9 May 2017, Kivalliq Acquires Prospective Gold District on Baffin Island, Nunavut
- 9 May 2017, Sabina Gold & Silver Announces Financial Results for the Quarter Ended March 31, 2017
- 8 May 2017, TerraX appoints Russell Starr and Rene Carrier to Board of Directors; Alan Sexton appointed VP Exploration

# **Calendar of Events**

- **Opportunities North,** September 12-14, 2017, Edmonton, AB. An annual joint initiative of the Yukon Chamber of Commerce, Northwest Territories Chamber of Commerce and Edmonton Chamber of Commerce, the Opportunities North business conference features: industry renowned speakers, a dynamic tradeshow, and integrated tour components affording numerous networking opportunities for both local and traveling attendees. Learn more <u>here</u>.
- Canadian Aboriginal Minerals Association 25<sup>th</sup> Anniversary Conference: "Water For Life, Mining For Need, Achieving Balance". November 12-14, 2017, Toronto, ON. For more information and to register, visit <u>here</u>.
- **45<sup>th</sup> Annual Yellowknife Geoscience Forum,** the North's largest combined tradeshow and conference, will be held November 14 16, 2017 in Yellowknife, NT. Watch for updates at the website <u>here</u>.
- Our Land, Our Future: National Summit on Indigenous Youth and Natural Resource Development, Conference Board of Canada, Calgary, AB November 21 - 22, 2017. Relationships between industry, government and Indigenous peoples lie at the heart of Canada's natural resource sector. Each holds a powerful position with unique rights and responsibilities. A collaborative, mutually-beneficial approach is also critical to ensuring sustainable, environmentally responsible development. Click title to learn more.
- Association for Mineral Exploration Roundup 2018, January 22-25, 2018, Vancouver, British Columbia. Roundup brings together geoscientists, prospectors, investors, suppliers and First Nation partners to share ideas that will help shape the future of mineral exploration and development in Canada. Learn more <u>here</u>.
- PDAC 2018 International Convention, Trade Show & Investors Exchange March 4 7, 2018, Metro Toronto Convention Centre, Toronto, ON. Learn more here: www.pdac.ca/convention.
- Resources for Future Generations (RFG2018), June 16-21, 2018, Vancouver Convention Centre, BC. With themes covering all of the key geoscience sectors across all of professional practice – Minerals, Energy, Water and the Earth. Organizers are Calling for Sessions and you can submit your session proposal at: <u>www.RFG2018.org</u>. Abstracts will be sought in June 2017.

# **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
<u>Ekati Mine</u>	Dominion Diamond Corporation, and Dr. Stewart Blusson.	Diamonds	Canada's first and largest diamond mine, 310 km. NE of Yellowknife. Open pit and underground. Mine life to 2020. Workforce in 2015 approximately 1,800. 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. All of the production in fiscal year 2017 was sourced from the Core Zone.	News Release, May 18, 2017: Dominion Diamond Provides Exploration Update and Announces Maiden Resource at Leslie Pipe at Ekati News Release, May 23, 2017: Dominion Diamond Announces Positive Results of Misery Deep Pre-Feasibility Study and Provides Update on Fox Deep Project at Ekati Mine News Release, May 30, 2017: Dominion Diamond Announces Jay Project Water Licence Recommended for Approval
<u>Diavik Mine</u>	Rio Tinto & <u>Dominion</u> <u>Diamonds</u>	Diamonds	Canada's largest producer of diamonds, 300 km NE of Yellowknife. Mine life through 2023. Became all underground mine in 2012. Workforce approximately 1,000. Work to develop new A21 open pit has begun and will cost US\$350m over 4 years. A-21 is on track to commence ore production in the second half of 2018. The A-21 workforce will peak at approximately 200 people. Proven and probable reserves at Dec 31, 2016 were 16.3 million tonnes at 2.8 carats/tonne for total of 46.0 million carats.	News Release, March 31, 2017: Dominion Diamond Files Updated Technical Report for the Diavik Diamond Mine
<u>Gahcho Kué</u> Mine	De Beers Canada (51% is operator) and <u>Mountain</u> <u>Province</u> (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 and employs approximately 530 people full-time, with the majority working a two-week in/two-week out rotation. Plan is for three open pits.	Mtn Province News release, May 10, 2017: Mountain Province Diamonds Announces March 31, 2017 Quarter End Results Mtn Province News Release, May 31, 2017: Mountain Province Diamonds Provides Operational Update and Announces Extension of Lenders' Waiver
Prairie Creek	Canadian Zinc Corporation	Zinc-lead- silver	Proposed underground mine 120 km W of Ft. Simpson. Estimated mine jobs: 220 All permits now in place to construct and operate the mine. Preliminary Feasibility Study completed in early 2016 supports longer, 17-year mine life. The company's proposal to construct a new airstrip and all-weather road is undergoing environmental assessment.	News Release: May 15, 2017: Canadian Zinc Reports Financial Results and Activity Update for Q1 2017
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. Requires access to highway to Wha Ti, still to be constructed.	<ul> <li>News Release, April 25, 2017: Fortune Minerals retains Hatch and Micon to update NICO Feasibility Study to support project financing</li> <li>Cobalt demand accelerating in batteries for automotive electrification and stationary storage</li> </ul>
<u>Kennady North</u>	<u>Kennady</u> <u>Diamonds Inc.</u>	Diamonds	Kennady Diamonds controls 100% of Kennady North project comprising 13 leases and claims immediately to	News Release, May 17, 2017: Kennady Diamonds Closes \$12M Private Placement

			north and west of 4 leases controlled by the Gahcho Kué Joint Venture (see above). Kennady Diamonds aims to	News Release, May 23, 2017: Kennady Diamonds Announces Faraday 2 Bulk Sample Diamond Recovery Results
			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	<ul> <li>Sample grade 2.81 carats per tonne</li> <li>Largest diamonds recovered: 4.72 carats, 4.28 carats, 3.45 carats</li> </ul>
			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. The potential quantity is	
			conceptual in nature as there has been insufficient drilling to define a mineral resource and it is uncertain if further exploration will result in the	
Nashalasha		Dava carth	target being delineated as a mineral resource.	Neuro Dologoo, April 7, 2017: Auglan Aprovinte
<u>Nechalacho</u>	Avalon Advanced Materials Inc.	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. The Company remains optimistic that	News Release, April 7, 2017: Avalon Appoints Ms. Patricia Mohr to its Board of Directors
			rare earth demand will recover sufficiently in 2015 to attract Project financing and allow construction work to begin by summer 2015.	
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 sqkm, approximately 220 km	News Release May 17, 2017: Nighthawk Announces Graduation To TSX And Appointment Of Non-Executive Chairman Of The Board
			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	
Pine Point	Darnley Bay Resources	Lead-zinc	are historic mine (eg Colomac) Proposed open pit mine east of Hay River, NT. 10 open pits mined	News Release, April 19, 2017: Darnley Bay Announces Robust Preliminary Economic
			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	Assessment at Pine Point.
Courageous Lake	Seabridge Resources	Gold	year. PEA quotes 13 year mine life. Proposed open pit mine 240 km NE of Yellowknife. 6.5 M oz proven and	News Release, May 12, 2017: Seabridge Gold Files First Quarter Financial Statements 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.	MD&A News Release, May 11, 2017: Seabridge Gold Publishes 2016 Annual Report
<u>Selwyn</u> (Howards'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) Aboriginal land corporations. The project will process multiple open pit mines over an approximate 10+ year mine life and includes a	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

			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.	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.
Snap Lake Mine (Suspended, on care & maintenance)	De Beers	Diamonds	Canada's first all underground diamond mine. 220 kilometres NE of Yellowknife. Mine life to 2028. Workforce approximately 750. Due to low diamond prices, De Beers put the Snap Lake mine on care and maintenance in December 2015.	News Release, December 16, 2016: Extended Care and Maintenance to Proceed at Snap Lake Mine
Cantung Mine (Closed, on care & maintenance)	North American Tungsten	Tungsten, copper	Cantung is in the mountains of western NWT, ~300 km by road NE of Watson Lake, Yukon. North American Tungsten (NATC) filed for Court protection under the CCAA on June 9, 2015. In accordance with the Operating Plan, the mill at the Cantung mine site was shut down on October 26, 2015, and transition of the Cantung mine to care and maintenance is expected to be completed on or about November 18, 2015.	Nov 19 GNWT News Release: NWT Government purchases Mactung assets of Cantung.



Diavik's diamond of the month for May is a Macle (twinned) 11.234 carat beauty (<u>Diavik Facebook page</u>)

# Mines & Promising Nunavut Mine Projects

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

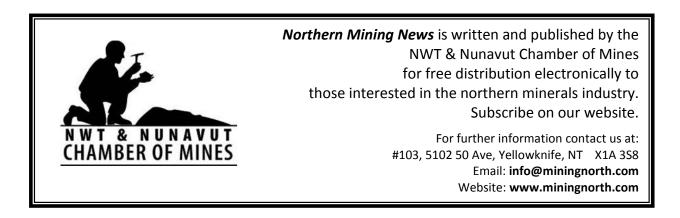
Project	Owner(s)	Commodity	Description	Status
<u>Meadowbank</u> <u>Gold Mine</u>	Agnico Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 775 AEM announced they will develop Amaruq satellite deposit, 50km from mine site and add 6 years to mine life, beginning in 2019. Construction of the Amaruq Exploration Access Road commenced in the first quarter of 2016. Road construction is ongoing with nine kilometres completed to date of the expected total length of 64 kilometres.	News Release, April 27, 2017: Agnico Eagle Reports Q1 2017 Results; including favourable Drilling Results at Amaruq News Release, April 28, 2017: Agnico Eagle Announces Election of Directors
<u>Mary River Iron</u> <u>Mine</u>	Baffinland Iron Mines	Iron	In operation since September 2014; Open pit mine located 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 14, 2015.	News posted May 15th, 2017: Baffinland and QIA approve 2017 IIBA Work Plan for Mary River Mine News posted May 24, 2017: Attend one of Baffinland's Phase 2 Information sessions
Hope Bay (Mine began commercial production May 15, 2017)	TMAC Resources	Gold	Gold mine 130 km S of Cambridge Bay. TMAC's property covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 485 Mine nearing commercial production in February 2017.	News Release, May 15, 2017: TMAC Reports Operating and Financial Results for First Quarter of 2017 News Release, May 23, 2017: TMAC Resources Announces Commercial Production at Doris Mine and Mill Complex News Release, May 24, 2017: TMAC Resources Receives Madrid Type B Water Licence
<u>Meliadine</u>	Agnico Eagle Mines	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 is estimated to be \$911m; initial production life of 9 years. On February 15, 2017: Agnico Eagle announced that Meliadine and Amaruq projects approved for development with production beginning in 2019.	News Release February 15, 2017: Agnico Eagle announced that Meliadine and Amaruq projects approved for development.
<u>Back River</u>	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of the George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600 Estimated mine jobs: 900 Sabina's Feasibility Study on its 100% owned Back River Gold Project presents a project that has been designed on a fit-for purpose basis,	News Release, May 9, 2017: Sabina Gold & Silver Announces Financial Results for the Quarter Ended March 31, 2017 News Release, May 23, 2017: Sabina Gold & Silver Announces Drilling Expands Mineralization At Umwelt Vault Zone

Kiggavik	AREVA Resources	Uranium	<ul> <li>with the potential to produce</li> <li>~200,000 ounces a year for ~11 years</li> <li>with a rapid payback of 2.9 years (at a U\$\$1,150 gold price and a 0.80 exchange rate). Initial CAPEX of \$415 million.</li> <li>Proposed uranium mine 80 km W of Baker Lake.</li> <li>Estimated Construction jobs: 750</li> <li>Estimated mine jobs: 600</li> </ul>	July 25, 2016, Federal Minister of Indigenous and Northern Affairs Canada, on behalf of the Ministers of Fisheries, Oceans and the Canadian Coast Guard, Natural Resources, Transport as responsible ministers for this project with jurisdictional responsibility for authorizing whether the Kiggavik Project should or should not proceed, accept the Board's determination that the Project should not proceed at this time.
Izok Corridor Project (with High Lake & Hood River deposits)	MMG Resources Inc.	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	MMG examining alternative designs to reduce costs, add value, and improve economic viability of the project. Company stated publicly that project needs infrastructure assistance to become a mine. News Release, September 27, 2016: MMG plans CEO succession
Chidliak	Peregrine Diamonds Ltd.	Diamonds	<ul> <li>Located 120 kilometres NE of Iqaluit, the capital of Nunavut, and 180 km S of Pangnirtung. 74 kimberlites discovered to date with 8 potentially economic. Positive Phase One Preliminary Economic Assessment in July 2016 highlights:</li> <li>After-tax payback period of 2 years,</li> <li>LOM of 10 years.</li> <li>Commercial production 2021 with 3-year construction schedule.</li> <li>LOM average production rate of 1.2 million carats per annum, peaking at 1.8 million carats per year.</li> <li>LOM average head grade 1.67 ct/T</li> <li>Estimated pre-production capital requirement of approximately C\$434.9 million, includes construction of 160 kilometre, all- weather road to connect to Iqaluit, the capital of Nunavut.</li> <li>2,000 tonnes per day.</li> <li>LOM Opex of C\$94.4/tonne of C\$57.7/carat.</li> </ul>	News Release, March 6, 2017: Peregrine Diamonds Completes Internal CH-6 Open Pit and Underground Mining Study and Revises 2017 Work Program News Release, March 30, 2017: Peregrine Diamonds Announces Results of Voting For Election of Directors
Angilak	Kivalliq Energy Corp.	Uranium	340,268 acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit	News Release, January 16, 2017: Kivalliq Energy Announces \$3 Million Financing Package; Sandstorm Makes Equity Investment And Payment For Royalty Portfolio
<u>Qilalugak</u>	North Arrow Minerals / Stornoway Diamonds	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 May 18, 2017: North Arrow Closes Non-Brokered C\$5M Private Placement Financing
<u>Committee Bay</u> <u>Gold Project</u>	Auryn Resources (purchased North Country Gold Corp.)	Gold	Committee Gold Bay Project Highlights: • High grade gold endowment • Existing exploration infrastructure • 217,600 hectares with district scale discovery opportunities	News Release, April 20, 2017: Auryn Resources commences spring mobilization at the Committee Bay Gold Project and provides Arctic exploration update

Hackett River	Glencore	Zinc, Silver, Copper, Lead	Proposed open pit mine. One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet.	PFS initiated in September, 2012. No activity reported in 2015.
			Estimated construction jobs: 800 Estimated mine jobs: 500	



Port site and ship loader for Mary River iron mine, Nunavut. (Credit Baffinland Iron Mines)



# **Project Maps**

