

Northern Mining News

Volume 12, No. 6

June 2018



In this June 2018 issue:

NWT Mining and Exploration Awards nominations launched.....	2
Mine rescue teams demonstrate skills during NWT Mining Week.....	3
Group ‘takes to the field’ for prospector’s course.....	5
The Nunavut carbon price two-step.....	7
Mackenzie Valley Highway funding could advance new NWT Mining District.....	8
Latest results: more explorers than ever vie for mining incentive program funds.....	10
Nunavut Government announces introduction to prospecting course.....	10
Baffinland reports first quarter benefits.....	11
NWT Geoscience field assistant training underway.....	12
TMAC marks permitting milestone as Madrid-Boston gets go-ahead.....	13
Exploration & development news briefs.....	15
Calendar of events.....	19
Welcome new members!.....	19
Member news releases this past month.....	20
Mines & promising Northwest Territories mine projects.....	21
Mines & promising Nunavut mine projects.....	24
Project maps.....	27

From the Executive Director ...

Nominations are now open for the NWT’s annual **Mining And Xploration (MAX)** awards! Many individuals, businesses, and organizations have played major roles in making our industry the biggest private sector contributor to our economy and the MAX awards are a great way to recognize them. I encourage you to think of a deserving recipient and submit a nomination. The GNWT nomination [portal](#) makes it easy!

Some good news on the infrastructure side as federal and territorial governments announced funding for the Mackenzie Valley Highway project. Our industry is supportive of any investment which improves transportation and reduces costs. We hope to see more similar announcements in future.

Congratulation to TMAC! Once operational, the Madrid and Boston deposits will be a great addition to the company’s long term mining at Hope Bay. We look forward to continued milestones.

Once again, another impressive mine rescue competition. Congratulations to the teams and volunteers at this amazing event. This is just one way – indeed the most important way – in which our mines show they are world class. I’m referring specifically to safety. These men and women volunteer to keep their colleagues safe and the competition is a venue for them to showcase their skills. Through the miner’s picnic, we’re pleased to partner with the WSCC, and equally pleased to partner with the GNWT for Mining Week. Well done to all involved and thanks to all the volunteers who made the week so successful.

Finally, very encouraging to see funding and courses supporting prospecting and mineral exploration! This on the ground work is the key to the sustainability of our industry.

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 Mining and Exploration Awards nominations launched

Nominations are now open for the second annual NWT Mining and Exploration (MAX) Awards!

The MAX awards are a partnership of the Government of the Northwest Territories and the NWT & Nunavut Chamber of Mines. The awards celebrate and encourage excellence within the NWT's largest industry. Nominations are being sought in the following categories:

- Distinguished Service
- Economic Leadership
- Environmental & Social Responsibility
- Indigenous Achievement
- Special Achievement

The nominations deadline is October 1, 2018. Nominations can be submitted through the GNWT Department of Industry, Tourism and Investment's [MAX Awards Nomination Portal](#) or at the Chamber of Mines office in Yellowknife. The awards will be presented November 22 during the 46th Annual Yellowknife Geoscience Forum.

"The MAX awards recognize northern individuals, businesses, and organizations that have generated opportunities and demonstrated leadership in responsible and successful resource development," said Tom Hoefler, Executive Director, NWT & Nunavut Chamber of Mines.

"As a result of their vision, their skill, and their perseverance and dedication, we have a world-class industry which includes jobs and business benefits, training opportunities, Indigenous participation, and public and government engagement, all of which adds to the well-being of the Northwest Territories," he added. [View release](#)



2017's inaugural NWT MAX Awards recipients included (left to right) Gary Vivian (Aurora Geosciences), Joe Campbell (TerraX Minerals), Chantal Lavoie (Dominion Diamond), Darrell Beaulieu (Denendeh Investments Incorporated), Al Harman (Mine Training Society), Rebecca Alty (Diavik), Jessica Kozian (Diavik), and Altaf Lakhani (Canadian Northern Economic Development Agency). Far right is Wally Schumann, Government of the Northwest Territories Minister of Industry, Tourism, and Investment. Recipient Joe Rabesca, Tlicho Government, was unable to attend. Missing from photo are special guest speakers, Patrick Evans from Dominion Diamonds and Stewart Muir from Resource Works.

Mine rescue teams demonstrate skills during NWT Mining Week

Highly trained teams demonstrated their skills at the 61st annual Workers' Safety and Compensation Commission (WSCC) mine rescue competition in Yellowknife June 1 and 2.

The competition coincided with the start of NWT Mining Week which included the annual NWT & Nunavut Chamber of Mines miner's picnic held Saturday.

Mine rescue teams competed for surface and underground honours in a variety of tasks including bench technician, first aid, bench, firefighting, rope rescue, written test, smoke, and obstacles.

Eight teams participated this year including, Mary River Iron Mine (Baffinland Iron Mines), Diavik Diamond Mine (Rio Tinto), Ekati Diamond Mine (Dominion Diamond), Gahcho Kué Diamond Mine (De Beers Canada/Mountain Province), Hope Bay Gold Mine (TMAC Resources), Meadowbank Gold Mine (Agnico Eagle Mines), Meliadine Gold Project (Agnico Eagle Mines), and Victor Diamond Mine (De Beers Canada) from Ontario. The WSCC sponsored and organized the competition.

Top honours went to Diavik and Gahcho Kué teams, which took home overall underground and overall surface trophies respectively.

Category: Winner

- Bench Technician: Brad Towle, Hope Bay (TMAC Resources)
- Surface First Aid: Mary River (Baffinland)
- Underground First Aid: Meliadine (Agnico Eagle Mines)
- Surface Practical Bench: Mary River (Baffinland)
- Fire Fighting: Ekati (Dominion)
- Surface Rope Rescue: Gahcho Kué (De Beers Canada/Mountain Province)
- Underground Rope Rescue: Diavik (Rio Tinto)
- Surface Written Test: Gahcho Kué (De Beers Canada/Mountain Province)
- Underground Written Test: Diavik (Rio Tinto)
- Surface Smoke: Mary River (Baffinland)
- Underground Smoke: Diavik (Rio Tinto)
- Underground Bench/Field Test: Diavik (Rio Tinto)
- Surface Obstacle/Extrication: Gahcho Kué (De Beers Canada)
- Underground Obstacle: Diavik (Rio Tinto)
- **Overall Surface: Gahcho Kué (De Beers Canada)**
- **Overall Underground: Diavik (Rio Tinto)**

The Chamber of Mines organized the miner's picnic, which included a free barbecue and children's activities. Ekati, Diavik, and Gahcho Kué and others sponsored the picnic and, the Yellowknife Speed Skating Club and others provided volunteers for the event.

Thanks to all involved with the mine rescue competition and trade show and the miner's picnic!

[View Chamber of Mines release.](#)



Group ‘takes to the field’ for prospector’s course

With licences, tags, and tools in-hand, aspiring prospectors were out on-the-land and learning to stake claims. The NWT Geological Survey and the Mining Records Office - divisions of the Department of Industry, Tourism and Investment - partnered with the Mine Training Society (MTS), TerraX Minerals, and the NWT & Nunavut Chamber of Mines to deliver the programming.

The course provided participants with the necessary core skills to prospect in the NWT:

- Prospecting basics
- Claim staking
- Assessment regulations
- Marketing
- Basic geology
- Exploration cycle

Industry professionals demonstrated how to use prospecting tools, assess local terrain, and provided a demonstration on staking claims in an active exploration site.

The first day of the program was classroom-based, while the second had participants learning in the field. In a separate offering, the Introduction to Prospecting course will also be delivered to 20 candidates (four per region) nominated by regional leaders and funded by the Department of Industry, Tourism and Investment to travel to Yellowknife to receive the training.

Increasing public awareness within grassroots mineral exploration is an identified action item in the Government of the Northwest Territories (GNWT) Mineral Development Strategy. Implementing the Mineral Development Strategy is a commitment in the GNWT’s 2016-2019 Mandate.

“At the foundation of many prosperous mines are stories of individuals who took risks, headed to the bush and staked claims that became billion dollar enterprises. This program reflects our desire to get people the skills they need to make sure we see more stories, and ultimately more exploration and mines, in our territory. We’re pleased to once again work with our partners to provide the resources and expertise to advance NWT exploration,” said Wally Schumann, Minister of Industry, Tourism and Investment.

To learn more about the MTS, visit the society’s [web site](#).



The two day Introduction to Prospecting course was offered to residents of Yellowknife, Dettah and N’dilo from June 23-24. Course instructor Jessica Bjorkman, with 20 years of northern prospecting experience, maps out the claim staking plan with students. Bill Braden photo courtesy NWT Mine Training Society.



Course participants included Lloyd Baton, Lloyd Bekale, Taig Connell, Sharon Corneille, Jason Cottam, Lynda Lenni, Peter Lockhart, Calvin MacCauley, James Marlowe, Deana McGee, Cathy Nahanni, Michel Romie, and Lisa Marie Zoe, with instructors Jessica Bjorkman, Landen Powell, and Eric Hebert. Bill Braden photo courtesy NWT Mine Training Society.

The Nunavut carbon price two-step

Guest editorial by Alex Buchan, Nunavut Vice President, NWT & Nunavut Chamber of Mines

Exploration companies and mineral producers in Nunavut spend a great deal of time, effort and money dealing with fossil fuels.

This is for good reason. It is our biggest cost factor in operating in this remote, off-grid part of Canada.

Managing fossil fuels safely and efficiently has a great deal to do with our ultimate success or failure. We are reliant on fossil fuels; our industry is in second place after the Government of Nunavut in present day fuel usage.

As developers, we must consider local climate change effects when building mine infrastructure on permafrost. We also collect Inuit ecological knowledge as part of our baseline studies, which starkly point to recent changes in climate.

Therefore, we are acutely aware of the need to reduce atmospheric carbon emissions in order to secure a stable, healthy environment for future generations.

Like every Nunavut community, the mineral sector in Nunavut has few, if any, energy choices. We already face costs that are over double what mineral explorers and mine developers face in southern Canada.

This leaves no leeway to invest in alternatives on how we move our people, supplies and product, how we power our operations, and how we heat our buildings.

When it comes to energy choice, Nunavut residents, communities, and chamber of mines members are all in the same boat. Climate change is not in dispute. Rather, it is a question of what concrete carbon reduction steps should be effectively and efficiently taken, to do our part in addressing this global issue.

As Canada is a federation, these concrete steps result from a dance of sorts. An interplay of actions and jurisdiction between responsible governments; the Governments of Nunavut and Canada.

The Government of Canada has set the tune through the Pan Canadian Framework on Climate Change and Clean Growth, which places a price on polluting the air with carbon.

The problem with this tune is that it assumes that this it is an efficient way to encourage people and businesses to pollute less.

As operators that already squeeze every drop of fuel out to move our projects forward, while having no slush fund of tens of millions of dollars for new wind farms, hydro development, or small scale nuclear, this will not work.

It will simply cost more to do what we already must to conduct our affairs while not eliminating one kilo of carbon emissions.

Canada has given Nunavut 18 months to learn some new dance moves by opening up carbon pricing implementation to made-in-Nunavut policies, targets and mechanisms.

Judging from the recent Nunavut budget address, Nunavut has not used this time to learn any moves or songs, and is now refusing to dance.

This leaves us facing a backstop tax. Under this option, no mechanisms have been worked out to generate the required emissions reductions, innovations or changes to alternatives. Again, we are left enduring more cost, to do what we must to keep our businesses going without any change in how much carbon goes up in smoke.

Canada and Nunavut need to get their collective act together, or we will all end up in a tumble on the bottom of the dance floor. As private enterprise, we pride ourselves in our adaptability, initiative and focus on results.

When Canada and Nunavut can figure out what alternative energy sources can be cost-effectively deployed in the North so real concrete carbon reduction steps can be taken without placing an extra burden on northern communities and our northern employees and running us out of business, Nunavut's mineral sector stands ready to contribute.

If we cannot or will not get to this point, then Canada and Nunavut need to leave matters well alone and accept that in Nunavut, diesel is still king. View the [editorial](#) published in the Nunatsiaq News.

Mackenzie Valley Highway funding could advance new NWT Mining District

Last week's announcement of \$140 million in funding from the governments of Canada and the Northwest Territories (NWT) to advance the Mackenzie Valley Highway (MVH), holds new promise to advance exploration opportunities and mining in a region of the NWT that hasn't seen mining since the 1980s. The combined federal and NWT government funding of \$140 million will pay for construction of the Bear River bridge and 15 kilometres of all-weather road from Wrigley north to Mount Gaudet, as well as environmental and planning studies to inform final highway routing, design and construction permits.

The Sahtu Region is one of five administrative regions in the NWT, and at 280,238 square kilometres is the size of Labrador. It hosts 4 geological provinces with diverse mineral potential including lead, zinc, iron, copper, silver, uranium, lithium, cobalt, diamonds, tungsten and even emeralds. Despite this tremendous potential, it has seen a disproportionately low amount of mineral staking and exploration over the last 30 years, in large part due to its nearly 100 year reliance on oil and gas production. Most recently, as the petroleum economy has waned, Sahtu regional leaders have increased their participation at exploration and mining shows to revive flagging mineral investment. This highway funding announcement now provides them with a stronger message to help attract investment to the Sahtu region, since the long awaited MVH would not only help lower costs for communities but also for mineral exploration and mining.

Chamber of Mines President Gary Vivian said: "We were thrilled to see outspoken and respected Sahtu elder Cece McCauley at a recent Vancouver exploration conference, helping promote the road and mining in her region. As a strong, self-proclaimed 'woman warrior' for the Sahtu, for the highway, and for economic opportunities for her people, I am sure she is smiling now from above at this positive announcement. We truly believe that the MVH, when combined with strong leadership support, marketing, and a strategic plan to welcome

investment to the region, the people of the Sahtu will be able to attract new mineral exploration and mining opportunities to that part of the NWT. As our diamond mines are so ably demonstrating in another part of the NWT, there are significant numbers of high paying jobs, billions in northern business and in tax and royalty revenues now flowing to northern communities, and public and Indigenous governments. They're creating a new economic future for northerners, one that isn't so reliant on government subsidies from the South."

Constructing the MVH is but one step in addressing the significant deficit in northern infrastructure. "The Chamber of Mines continues to strongly urge governments to invest in nation-building roads and a port to reduce costs to explore and mine in the mineral rich Slave Geological Province which straddles both the NWT and Nunavut territories," said Vivian. "That region alone has already produced tens of billions in mineral wealth, and we have just barely scratched the region's potential. Investing in infrastructure in the Slave Geological Province will bring a quick and healthy return on investment." [View release.](#)



Todd McCauley, Premier Bob McLeod, Minister Carolyn Bennett, Minister Wally Schumann, MP Michael McLeod and Charles McNeely, representing the Sahtu Secretariat made the Mackenzie Valley Highway announcement in the NWT legislative assembly. Todd and the Premier hold a photo of "woman warrior" Cece McCauley, long term advocate of the Mackenzie Valley Highway. Photo credit: Wally Schumann

Latest results: more explorers than ever vie for mining incentive program funds

The Government of the Northwest Territories (GNWT) is investing another \$1 million in the future of mineral exploration in the NWT. Eighteen projects will benefit this year from funding provided under the [Mining Incentive Program](#) (MIP).

The program, now in its fourth year, invests in qualifying prospecting and exploration projects across the NWT to advance mineral exploration. It is administered by the NWT Geological Survey, a division of the GNWT's Department of Industry, Tourism and Investment.

This is the program's second intake since contributions for the program were more-than doubled to address rising demand, and a need to stimulate activity in the NWT mining sector. The program has realized over \$9.8 million in leveraged spending since its inception.

Last year, more than \$3.4 million in mineral exploration spending was realized from projects which received \$881,055 in total GNWT investment; a 3 to 1 ratio.

A total of 34 applicants applied for nearly \$3.5 million in funding this year, the largest applicant and funding numbers the program has ever attracted. Applicants were evenly split between prospectors and corporate entities.

Quick facts

- \$854, 000 was awarded to corporate applicants
- \$138, 000 was awarded to prospectors
- Corporate projects may receive up to \$200,000 in funding
- Prospectors may receive up to \$50,000 in funding

Nunavut Government announces introduction to prospecting course

Do you want to learn how to prospect for iron or gold, identify different rocks and minerals, and acquire prospecting skills and techniques?

To find out more about the geology of Nunavut and the mining industry, the Department of Economic Development and Transportation (EDT) is offering a free, week-long Introduction to Prospecting evening course in eight communities:

- Gjoa Haven, June 11-16
- Coral Harbour, July 23-28
- Pangnirtung, June 11-16
- Igloolik, July 30 - August 4
- Sanikiluaq, July 16-21
- Nauyasat August, 13-18
- Whale Cove July, 16-21
- Arviat August, 20-25

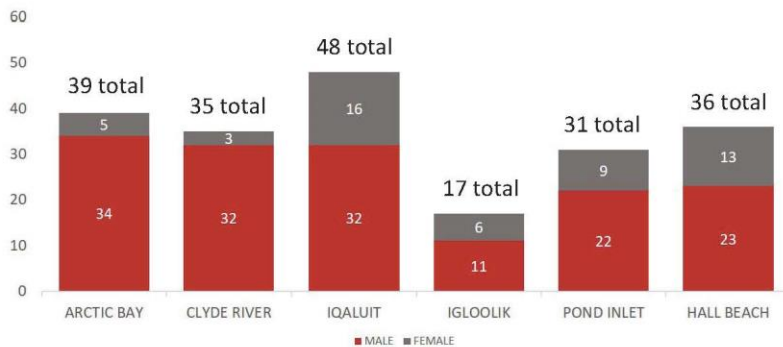
For more information, call 1-888-975-5999 or email minerals@gov.nu.ca. You can also sign up for the course at your local ED&T or hamlet office.

Baffinland reports first quarter benefits

Q1 2018 IIBA Report

Highlights from Jan. 1 - Mar. 31, 2018

Inuit employed at the Mary River Project



Over **2.7\$ Million** paid to Baffinland Inuit employees

~241 Inuit employees working in Q1

Over **69\$ Million** committed to Inuit firms in Q1

\$25,000 given in scholarships to Inuit students

23 Inuit graduated from the Heavy Equipment Operator training program 

Over **Six Thousand** training hours for Inuit 



48% of all training hours delivered to Inuit

Want to **learn** more?

Email: contact@baffinland.com

Visit: www.baffinland.com



NWT Geoscience field assistant training underway

With maps, GPS and compasses in hand, the first-ever students of the territory's [Geoscience Field Assistant Training Program](#) demonstrated their newly-learned skills to Minister of Industry, Tourism and Investment Wally Schumann and MLA Cory Vanthuyne.

During the June 8 visit, students were keen to share what they'd learned and what they have enjoyed most so far. Putting their classroom studies and theory-based work to the test outdoors has been the biggest advantage, they said.

Adam Woogh, one of the trainers with Arctic Response explained that the students were one of the most engaged groups they've ever had for safety training, and that their level of commitment has been impressive.

The Geoscience Field Assistant Training includes five weeks of classroom learning followed by 160 hours of on-the-job training. They will be learning about basic geology, claim staking, prospecting, and wilderness first aid, among a variety of other topics.

The training opportunities don't end there. Minister Schumann spoke about the newly-available Prospector Training (see preceding article) and there was great interest by the students to continue their learning and put some of their new skills to use.

MLA Vanthuyne has been an advocate for geoscience training and spoke to the group about how the skills they were building are both practical and transferable.

The Department of Industry, Tourism and Investment's NWT Geological Survey, the Mine Training Society, and the NWT & Nunavut Chamber of Mines collaborated to develop the curriculum. The training is one of the ways that the Government of the Northwest Territories is fostering a skilled local workforce in the mineral sector. Click [here](#) for the GNWT blog.



Eight students participated – five from Yellowknife, and one each from Lutsel K'e, Tulita, and Behchoko. Bill Braden photo courtesy NWT Mine Training Society.

TMAC marks permitting milestone as Madrid-Boston gets go-ahead

TMAC Resources Inc.'s Madrid and Boston gold deposits have been given the green light from the Nunavut Impact Review Board (NIRB).

The company announced NIRB has recommended to the Minister of Crown-Indigenous Relations and Northern Affairs that the company's Madrid-Boston Project proceed.

The Madrid-Boston Project proposes the construction and commercial mining at three separate gold deposits at Hope Bay; Madrid North, Madrid South and Boston. This recommendation has come 45 days after the completion of final public hearings in Cambridge Bay and is the result of extensive public and government consultation and support. This is a significant permitting milestone for TMAC indicating that all environmental and socio-economic effects of the Project have been adequately addressed to the satisfaction of the NIRB. TMAC looks forward to developing these additional deposits while operating our existing Doris mine.

Mr. Jason Neal, President and Chief Executive Officer of TMAC said, "We are pleased that the permitting process is proceeding smoothly. This progress is in large part a testament to the proactive and diligent work by the Kitikmeot Inuit Association and our environmental affairs team during the NIRB process. We look forward to working with the Kitikmeot Inuit Association, Kitikmeot communities and government departments during the balance of the NIRB and NWB coordinated review process that is anticipated to provide TMAC with new Project Certificates later in 2018 and Water Licences in 2019."

Mr. Neal went on to say, "It's important to note TMAC already has an exploration permit to conduct surface exploration over the entire 80 kilometre by 20 kilometre Hope Bay gold belt. In addition, TMAC has advanced exploration permits that allow for a bulk sample program at Madrid, funding dependent, and to do further surface and underground exploration at Boston where we have an exploration camp and three kilometres of underground infrastructure. Once the Project Certificates and Type A Water Licenses are obtained we will be able to put both Madrid and Boston into production. In total, we will have permits that will allow TMAC to process up to 6,000 tonnes per day at Hope Bay." View the full release [here](#).

In other news, TMAC also reported achieving record processing plant results, substantially improved balance sheet and high-grade exploration success at its operating site.

"Our management team has taken several significant steps forward in the month of May, operationally and financially. We have achieved a new level of plant recovery and performance and are planning the next steps for further improvement. As well, a key objective for 2018 has been to use more efficiently the equity that TMAC has raised historically. The first success was a diesel fuel consignment transaction to lower peak inventories by more than \$20 million, and the second success we are announcing today is a new payment and bonding collateral structure with an expectation to efficiently release by July at least \$25 million of our current restricted cash balance. We also have an opportunity today to remind our stakeholders of TMAC's great potential to grow value with the drill-bit with the release of significant exploration results in a concurrent release that includes a hole with 2,710 grams per tonne over 0.66 metres, the second-best drill intercept in the history of the Hope Bay project," said Neal.

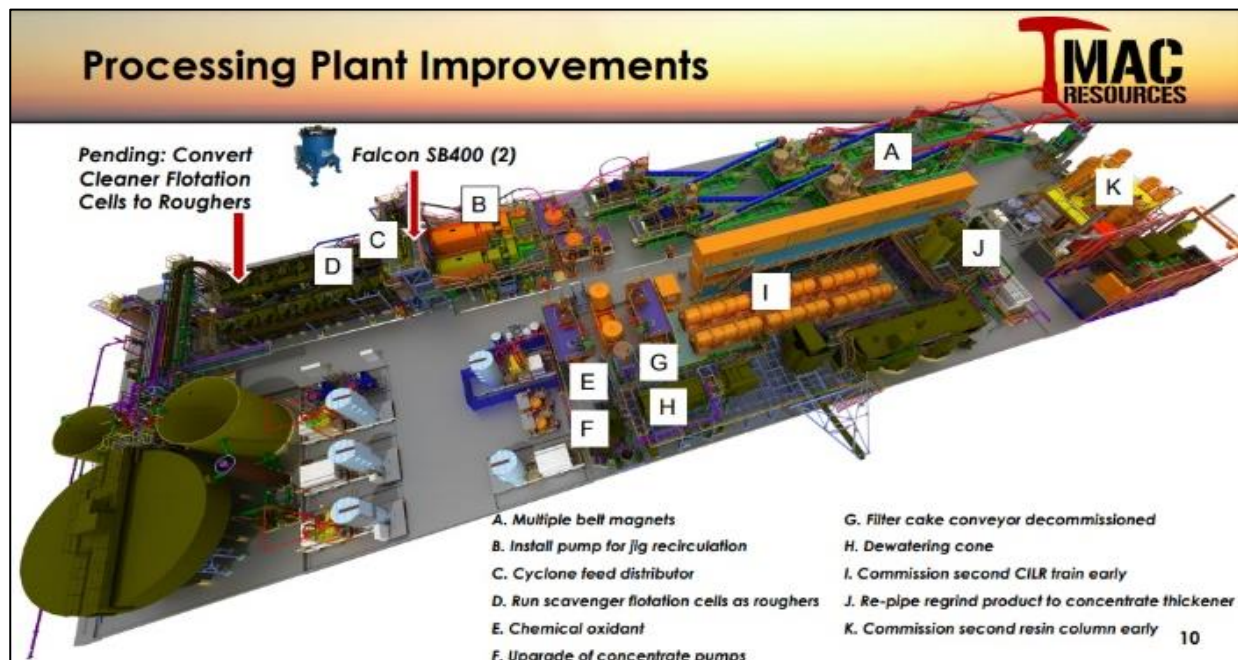
“In our first month operating a Falcon SB400 in the Plant we achieved a recovery for the month of 83%, which is very encouraging for the very first month of its operation. We tested the unit with our lowest grade stockpile for about half the month before feeding the Plant with higher grade blends. The performance improvement of the concentrator line met our expectations given the various grade regimes that were tested to achieve this average recovery. We have ordered additional gravity concentrator units that will be installed beginning later this summer that will drive further improvements and take us to the point where we will begin optimization and seek our ultimate recovery target of greater than 90%. We commenced feeding low-grade ore to CL2 in early June and it is ramping up to deliver overall Plant capacity of 2,000 tonnes per day. The mine continues to ramp up production to feed the growing Plant capacity. With increased throughput, grade and recoveries we expect to drive our all in sustaining costs significantly lower as fixed costs are spread over increasing gold production,” said Gil Lawson, Chief Operating Officer of TMAC.

See the [full release](#) which includes more information about:

- May process plant performance
- South concentrator line startup
- Balance sheet and liquidity
- Exploration at Doris and Madrid

Additionally, TMAC, in its [exploration update](#) provided details on the following:

- Doris deposits
- Doris North BTD exploration drilling
- Madrid North deposits
- Madrid North Naartok West exploration drilling



TMAC reports first quarter processing of 28,900 tonnes at an average ore grade of 12.7 grams per tonne resulting in record gold production of 9,850 ounces and record gold pours of 10,108 ounces. Click image for the company's latest corporate presentation.

Exploration & development news briefs

(see [website](#) for more information)

Aston Bay Holdings Ltd. announced additional results of targeting at its 100% owned Aston Bay Property. Based on modeling and inversion of the >15,000 line-kilometre (km) airborne gravity gradiometry (AGG) survey flown in 2017, and integration with existing VTEM, geochemical and geological datasets, the company has generated multiple priority drill targets at the Storm Copper prospect for testing during the summer drill program. Storm Copper lies within the company's >1,000,000 acre (4,145 km²) Aston Bay Property in the Polaris Mining District, Somerset Island, Nunavut. Drill targets were previously announced for the Seal Zinc deposit and surrounds.

The Storm Copper prospect contains high-grade copper mineralization hosted in gently dipping Paleozoic carbonate rocks, along and adjacent to the northern and southern margins of a west-northwest to east-northeast trending, ~1 km wide, fault-bounded valley or graben.

Mobilization of crew and equipment to the Aston Bay site via Yellowknife and the air base at Resolute has commenced. Approximately 6000 m of drilling is planned for the summer 2018 program. The Company expects to commence drilling before the end of June, initially at the Storm Copper targets and subsequently at Seal Zinc.

Auryn Resources announced that high-resolution till sampling has become an integral layer of data for six targets at Committee Bay, Nunavut. These targets include the already disclosed Aiviq sampling, which was drilled in 2017. The gold assay results from the high-resolution (100 meter by 100 metre spacing) till surveys across nine regional targets demonstrate greater precision for identifying the potential source areas of high-grade gold mineralization seen throughout the belt. The results of the surveys have delineated gold-in-till anomalies that are consistent with the size of potential deposit footprints and will form the basis of future drill campaigns at Committee Bay. Originally, the high-resolution tills were collected during the 2017 summer exploration program to be analyzed using portable X-Ray fluorescence technology. After receiving the results from the Aiviq discovery drill hole (12.2 meters at 4.7g/t Au), Auryn sent the high-resolution tills to ALS laboratories for ICP to analyze for gold. The gold results demonstrated that the high-grade discovery drill hole spatially overlapped with the gold results from the high-resolution tills. In addition, these results also redefined targets that had not been adequately drilled in 2017. [View release](#)

Avalon Advanced Materials announced it has completed a non-brokered private placement financing consisting of 150 Series C1 Preferred Shares on a private placement basis at a price of \$5,000 per Preferred Share for gross proceeds of \$750,000 with an entity managed by The Lind Partners, a New York based asset management firm.

The Preferred Shares do not carry a dividend and have a redemption value per share that starts at \$5,000 and increases by \$250 per share each quarter over the next 24 months, to a cap of \$6,750 per share. After the four month Hold Period (defined below), the Preferred Shares can be converted by Lind into common shares of the company at a price per common share equal to 85% of the five-day volume weighted average price of the common shares on the Toronto Stock Exchange immediately prior to the date that notice of conversion is given.

In conjunction with the closing, Lind will receive a commitment fee of \$37,500 and 3,750,000 common share purchase warrants. Each warrant entitles the holder to purchase one common share of the company at a price of \$0.125 per common share until 60 months after today. [View release.](#)

Auryn Resources announced voting results for election of its Board of Directors at the Annual General Meeting of Shareholders held on June 7, 2018 in Vancouver, British Columbia. The director nominees as listed in the company's Information Circular dated April 26, 2018 and SEDAR filed May 2, 2018 were elected as directors of the company at the meeting to serve until the next annual general meeting. [View release and table](#)

Canadian Zinc reports voting results of the Annual General AND Special Meeting of Shareholders held on June 27, 2018. A total of 123,132,049 common shares were voted, representing the votes attached to 46.27% of all outstanding common shares. Shareholders voted in favour of a motion to fix the number of directors for election at seven and in favour of the election of all director nominees. Voting results for John F. Kearney, Robert J. (Don) MacDonald, Dave Nickerson, Jean-Charles Potvin, Malcolm J. A. Swallow, Ian R. Ward, and John M. Warwick are included in the [full release](#). Shareholders also voted in favour of the issuance of 100 million Units of the company to RCF VI CAD LLC at a price of \$0.20 per Unit, approving and ratifying an increase in the number of shares for issue under the company's stock option plan, the arrangement to effect an internal reorganization such that the company's common shares will be exchanged, subject to provisions respecting small lot shareholders, on a one-for-one basis for common shares of newly formed NorZinc Ltd. shares, and the appointment of KPMG LLP as the company's auditor for the upcoming year. Alan Taylor did not stand for re-election and the board thanks him for his service. Following the Meeting, John F. Kearney retired as Chief Executive Officer and became non-executive Chairman of the company, and Robert J. (Don) MacDonald was appointed Chief Executive Officer of the company, in addition to his role as President.

Dunnedin Ventures Inc. announced drilling has recommenced at its 100% owned Kahuna diamond project, Nunavut. Drill crews and equipment have been

mobilized and drilling of high-priority kimberlite targets is underway. The company will be drilling approximately 30 targets in June and July 2018. These are mainly located on the northern half of the property, which was not drilled during the first phase of drilling in April 2018.

Dunedin Ventures Inc. announced estimates of the adjusted cost base allocation of Dunedin common shares and Solstice Gold Corp. common shares for Canadian income tax purposes following the recent spin-out of Solstice through a statutory plan of arrangement, and as outlined under the heading “Canadian Federal Income Tax Considerations” in Dunedin’s Management Information Circular dated November 24, 2017 (the “Circular”). This is only applicable to shareholders of Dunedin as of July 17, 2017, the record date of the Arrangement (the “Record Date”) who received Solstice shares. It is not applicable to the shares acquired as part of the Solstice Private Placement that closed January 31, 2018, nor to Dunedin or Solstice shares acquired in the market after the Record Date. Dunedin also reported each Dunedin warrant and stock option held as of the Record Date is deemed to have been exchanged for a fully-vested Dunedin replacement warrant and stock option and one-third of one fully-vested Solstice warrant and stock option. Additionally, Dunedin announced Sorin Posescu has resigned, effective May 18, 2018, from the company’s board of directors for personal reasons. [View release and tables](#)

Fortune Minerals Limited [reported](#) nominees listed in the management information circular for the 2018 Annual General Meeting of shareholders held on June 19, 2018 were elected as directors of Fortune. Shareholders at the Meeting also approved the appointment of Fortune’s auditors. Fortune’s board and management team gratefully acknowledge the support and contributions of Shou Wu (Grant) Chen for his service to the company as a director since April 2010. Grant was previously Deputy Chairman of China Mining Resources Limited, a significant Fortune shareholder at the time. Fortune is pleased to welcome Mr. John McVey as a director of the Company at the Annual General Meeting. Mr. McVey is CEO and an Executive Director of the Procon Group of Companies based in Burnaby, British Columbia, a leading full-service mine development and civil infrastructure contractor. John has B.A.Sc and M.A.Sc. Degrees in Chemical Engineering and more than 35 years of experience in the mining, energy and power industries in Canada and internationally.

Fortune Minerals Limited provided an [update](#) for its 100% owned NICO Cobalt-Gold-Bismuth-Copper Project in Canada. The NICO Project is a development stage primary cobalt asset currently consisting of a planned mine, mill and concentrator in the Northwest Territories and hydrometallurgical refinery in Saskatchewan to process concentrates from the mine to cobalt sulphate, gold, bismuth ingot and oxide, and copper precipitate. Fortune was recently approached by several global mining and refining companies interested in purchasing metal

concentrates directly from the mine. If this is pursued, it would enable the company to defer the Saskatchewan refinery, reducing up-front capital by about 50% and mitigating risks in commissioning and downstream processing. Fortune is making the requisite adjustments to the NICO Project engineering designs to allow flexibility to accommodate all of its downstream process options.

The cobalt industry has experienced more than 20-year, approximately 6% compounded annual growth rates (“CAGR”) and at current prices for metal, the value of the market is greater than US\$10 billion. Accelerated double digit CAGR is projected by most industry analysts in the 2020’s, primarily due to cobalt demand in the cathodes of lithium-ion batteries that power portable electronic devices, electric vehicles and stationary storage cells to improve the efficiency of the electrical grid.

Fortune is in discussions with a number of companies interested in participating in the development of the NICO Project and/or securing a reliable Canadian and ethical supply of cobalt. The company has entered into approximately 30 confidentiality agreements with potential strategic partners from diverse business sectors.

In its release, Fortune also provided detail on:

- Updated Technical Report
- Refinery Lands Rezoning
- Tlicho All-Season Road

Generation Mining announced the receipt of a Land Use Permit from the Inuvialuit Land Administration which will allow the company to perform geophysical surveys on the company’s Darnley Bay, Northwest Territories property. The company received the Permit on June 11th, 2018 and expects to commence its field exploration work by the middle of July. The company is following up on the successful Magnetotelluric (MT) geophysical survey completed by the Government of Canada in 2015 from their GEM program and interpreted by the company’s consultants. The government’s 10-station survey on the Property had identified a MT anomaly 800 metres from surface coincident with Gravity and Magnetic highs. The company is planning to conduct a large ground 100-site MT station survey over a 40 x 50 km area blanketing the Darnley Bay geophysical anomaly, which covers most of the strongest land-based gravity anomaly in the world.

Kivalliq Energy Corporation announced that on June 28, 2018, the company’s name will be officially changed to ValOre Metals Corp. and that ValOre’s shares will trade on the Toronto Venture Exchange under the ticker symbol (“VO”) on the basis of ten (10) pre-consolidation shares for one (1) post consolidation share (the “Consolidation”). See Kivalliq news release on June 13, 2018 for more details on ValOre’s new corporate structure [here](#). ValOre is currently reviewing several potential financing alternatives in order to take advantage of the company’s improved capital structure post-Consolidation and will make appropriate disclosure as required.

Kivalliq Energy Corporation announced a proposed consolidation of the common shares of the company on the basis of ten (10) pre-consolidation shares for one (1) post consolidation share (the "Consolidation"). In conjunction with the Consolidation, the company's name will be changed to ValOre Metals Corp. Currently, a total of 247,246,731 common shares are issued and outstanding. Upon Consolidation, a total of approximately 24,724,673 common shares will be issued and outstanding, with no maximum number of authorized common shares. The proposed Consolidation and name change has been approved by Kivalliq's board of directors, however, this transaction is subject to TSX Venture Exchange Approval. The company is currently reviewing several potential financing alternatives in order to take advantage of the company's improved capital structure post-Consolidation. The company will issue appropriate disclosure as required. Kivalliq Energy Corporation (TSX-V: KIV) is a Vancouver-based company with a portfolio of high-quality uranium and precious metal exploration projects in Canada. In addition to the new Baffin Gold Property, Kivalliq holds Canada's highest-grade uranium resource outside of Saskatchewan. The company's flagship project, the Angilak Property in Nunavut Territory, hosts the Lac 50 Trend with a NI 43-101 Inferred Resource of 2,831,000 tonnes grading 0.69% U3O8, totaling 43.3 million pounds U3O8. [View release](#)

Nighthawk Gold Corp. reported an [updated inferred mineral resource estimate](#), of 50.305 million tonnes with an average grade of 1.62 grams per tonne gold for 2.613 million ounces of gold for its 100% owned Colomac Gold Project ("Colomac"), Northwest Territories, Canada. The resource estimate was prepared by CSA Global Canada Geosciences Ltd. (CSA Global), Toronto, Ontario, in accordance with National Instrument 43-101 ("NI 43-101"). The updated resource estimate incorporates a total of 1,088 drill holes totaling 141,013 metres (913 historical drill holes totaling 85,178 metres, and 175 drill holes totaling 55,835 metres completed by Nighthawk between 2012 and 2017). Since the 2013 resource estimate, Nighthawk has drilled 145 holes for 44,600 metres which is captured within this latest resource update.

Resource Highlights:

- 24.4% increase in inferred resources
- Modest average grade variation within sensitivity analysis
- Zone 1.5 adds 317,000 ounces of gold to the updated resource estimate
- Oriented drill core data improves geological model
- Colomac Main Sill accounts for 90.7% of total resources

Nighthawk Gold Corp. announced all resolutions proposed to shareholders at the annual and special; meeting of shareholders held on June 26, 2018, were duly passed. Based on proxies received and votes cast at the meeting, 129,213,004 common shares of the company, representing 68.51% of the company's issued and

outstanding shares were voted and the following individuals were elected as directors of the company to hold office until the next annual meeting of shareholders: Michael Byron, Ernie Eves, Brian Howlett, Luc Lessard, Brent Peters, and Morris Prychidny. [View release](#)

Nighthawk Gold Corp. [announced drill results](#) for eleven holes (2,513 metres) recently completed at its North Inca gold deposit. North Inca is one of four gold deposits within the company's Leta Arm Gold Project that straddle a well mineralized, 10 kilometres long by 500 metres wide, deformation zone located sixteen kilometres southwest of the Colomac Gold Project, Northwest Territories, Canada (Figure 1). Drilling of the other three Leta Arm deposits (Diversified, Number 3, and Lexindin) is now complete with results forthcoming.

Drilling highlights:

- Hole NI18-03B intersected 25.50 metres (13.00 metre true width) of 2.68 gpt Au, including 9.95 metres of 4.90 gpt Au, and 4.60 metres of 6.60 gpt Au;
- Hole NI18-02B intersected 9.25 metres (5.00 metre true width) of 4.49 gpt Au, including 4.25 metres of 6.52 gpt Au, and 2.25 metres of 10.45 gpt Au;
- Hole NI18-03 intersected 15.10 metres (9.70 metre true width) of 2.36 gpt Au, including 6.55 metres of 4.60 gpt Au, and 3.05 metres of 8.03 gpt Au;
- Hole NI18-05 intersected 11.25 metres (6.50 metre true width) of 3.26 gpt Au, including 8.25 metres of 4.16 gpt Au, and 2.25 metres of 8.35 gpt Au;
- Drilling has validated the modelled steep northern plunge to mineralized veins zones;
- Near-surface mineralization - not drilled below 100 metres - remains open in all directions;
- East Zone extended an additional 100 metres south and remains open.

North Arrow Minerals Inc. announced closing the concurrent non-brokered private placements of flow-through common shares (the "Flow-Through Shares") and non-flow-through units (the "Non-Flow-Through Units") announced on May 28, 2018.

The company has issued 10,135,000 Flow-Through Shares at a price of \$0.20 per share and 6,481,717 Non-Flow-Through Units at a price of \$0.17 per Non-Flow-Through Unit for combined total gross proceeds of \$3,128,892. Each Non-Flow-Through Unit issued under the private placement consisted of a single non-flow-through common share of the Company (a "Non-Flow-Through Share") and one transferable non-flow-through common share purchase warrant (each a "Warrant"). Each Warrant entitles the holder to purchase one additional Non-Flow-Through Share at a price of \$0.30 for a period of 24 months up to June 19, 2020. If, commencing on October 20, 2018, the closing price of North Arrow's shares is at or above \$0.40 for 10 or more consecutive trading days, the expiry date of the Warrants may be accelerated to the

date that is 30 trading days after the acceleration trigger date. [View release](#)

Osisko Metals announced assay results from an additional 35 shallow drill holes completed along the Central Zone trend in the L65 deposit and along the East Mill Zone trend in the L 35 and L36 deposits. Drill hole L65-18-PP-004 intersected 4.29% Zn & 0.56% Pb over 11.10 metres. Also worthy of mention is hole L65-18-PP-007 that intersected 11.20% Zn & 3.42% Pb over 5.35 metres. All intersections are within near surface flat lying tabular-style deposits and all intercepts in the Central Zone are located above 102 metre depths. The intersections in the East Mill Zone trend are above 57 metre depths. (See 2018 Winter Drill Campaign East Mill Zone Map B6).

The Central Zone that trends over 7.5 kilometres hosts the L65 deposit and the mineralized trend currently measures 3.0 kilometres in length. Its eastern end is located 11 kilometres to the west of the electrical sub-station along the main haulage road. This zone hosts six deposits with historical resources reported by Cominco Limited including L65 (1.9Mt at and 4.2% Zn & 2.1% Pb) (See 2018 Winter Drill Campaign Central Zone Map B6).

Geological evidence suggests that the Zinc and Lead mineralization may connect these deposits with a keel of higher grade mineralization. Near-surface mineralization was intersected at L65 above 103 metres vertical depth, with multiple mineralized intercepts reported in 6 drill holes. [View release and tables](#)

Osisko Metals announced assay results from an additional 13 shallow drill holes completed along the East Mill Zone trend in the K-35 and L-35 deposit areas. Drill hole EM-18-PP-107 intersected 4.95% Zn and 0.16% Pb over 4.50 metres. Also warranting mention is hole EM-18-PP-106 that intersected 10.69% zinc + lead over 4.50 metres. All intersections are part of flat lying tabular-style deposits and all intercepts are located above 45 metre depths. (See 2018 Winter Drill Campaign East Mill Zone Map B5).

The reported drilling was focused on the area located 1.1 kilometres northeast of the L-35 and L-36 deposit areas reported previously (news releases May 1, and May 15, 2018) and compliments previous results for the K-35 deposit (news release May 29th, 2018). Near-surface mineralization was intersected above 46 metres vertical depth, with multiple mineralized intercepts reported in 3 drill holes.

All three deposits are within the East Mill Zone which is a 7.6-kilometre trend that extends towards the east from the electrical substation area (see Osisko Metals website for additional geological background). The core of the K-35 deposit hosts unclassified historical resources reported by Cominco Ltd. (1988) of 0.86 million tonnes grading 3.67% zinc and 1.12% Pb. [View release](#)

Sabina Gold & Silver Corp announced final results from this year's phase one, spring exploration diamond drilling program at its 100% owned Back River Gold Project in

Nunavut Canada. A spring exploration drill program of 6,033 meters in 10 drill holes at six target areas on the Goose property was completed during early May. Drilling successfully tested target areas in and around existing mineral resources at the Llama and Umwelt deposits and stand-alone exploration targets outside of the known resource areas. Highlights from drilling, in addition to results previously released from the newly discovered high grade Llama Extension zone, include results from: 1) two drill holes that tested the Umwelt structure north of the high grade Vault zone; 2) additional up-hole assays returned from one of the high grade drill holes at the Llama Extension zone; and 3) results from the initial testing of the possible extension of the Goose Main structure (the Nuvuyak target) over 700m west of defined open pit mineralization. For more details on the Umwelt Vault Zone, Llama Extension Zone, Nuvuyak Target, see the full [View release with tables](#).

Sabina Gold & Silver Corp, in accordance with Toronto Stock Exchange requirements, announced the voting results for election of its Board of Directors at the Annual General Meeting of Shareholders held on June 6, 2018 in Vancouver, British Columbia. The director nominees as listed in the Management Information Circular dated May 2, 2018 were elected as directors of the company at the meeting to serve until the next Annual General Meeting. [View release and table](#).

Seabridge Gold provided the results of its annual general meeting of shareholders held on June 27, 2018. A total of 36,966,958 common shares were voted at the meeting, representing 62.21% of the issued and outstanding common shares of the company on the record date. All matters presented for approval at the meeting were duly authorized and approved.

Detailed voting results for the election of directors A. Frederick Banfield, Rudi P. Fronk, Eliseo Gonzalez-Urien, Richard C. Kraus, Jay S. Layman, Clem Pelletier, John W. Sabine and Gary A. Sugar are included in the full release.

Commenting on the AGM, Seabridge Chairman and CEO welcomed Clem Pelletier as a new director to the company. "Although Clem is new to the board, his involvement and knowledge of KSM is extensive. Clem acted as the lead environmental consultant to the company starting in 2008 when we filed the initial KSM project description document with the regulators and continued to shepherd KSM through the environmental assessment process through its successful completion in late 2014." [View release](#)

Stornoway Diamond Corporation announced the [appointment of Michele S. Darling](#) to the Corporation's Board of Directors. Ms. Darling has over thirty years of global business experience with particular expertise in Human Resources Management and Corporate Governance. Prior to establishing her management consulting practice, Michele Darling and Associates Inc., Ms. Darling served as Executive Vice President, Human

Resources at CIBC from 1991 to 1996, and as Executive Vice President, Corporate Governance with Prudential Financial, Inc. from 1996 to 2002. She currently serves on the boards of directors of Nickel Creek Platinum Corp., the Denihan Hospitality Group (New York) and Trillium Health Partners, and is a former director of Osisko Mining Corp. and Hewitt Equipment Ltd. Ms. Darling is a graduate of the Institute of Corporate Directors (ICD) in partnership with the Rotman School of Management, and holds a B.A. (Honours) from the University of Sydney and a Master's degree in Education from the University of Toronto.

TerraX Minerals Inc. announced [David Suda](#) has been appointed as President and Chief Executive Officer of the company, effective immediately. Mr. Suda will work closely with Joseph Campbell, the Executive Chairman of

TerraX, to help lead the company towards continued success in discovery while enhancing the company's profile within the investment community. David Suda has over 11 years of capital markets experience. He graduated with honours from York University with a Bachelor's Degree in Environmental Studies. Most recently, Mr. Suda was Head of Trading and Managing Director at Beacon Securities. He has established relationships with investors including institutional managers and public companies. His extensive capital markets experience with a focus on public resource-based companies will provide TerraX access to a skill set which includes marketing, corporate strategy and investment banking.

Calendar of events

- **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:

- **Northern Networks Ltd.** Based in Arviat, Nunavut, provides goods and services to hotels through rentals and product supply. Contact ryan@eskimopointlumber.com



Dunnedin Ventures Kahuna diamond exploration camp, Nunavut

Member news releases this past month

- 29 June 2018 [Avalon completes share financing and private placement](#)
- 28 June 2018 [Seabridge Gold reports on results of shareholder's annual general meeting](#)
- 28 June 2018 [Canadian Zinc announces results of annual general meeting](#)
- 27 June 2018 [Baffinland reports first quarter IIBA highlights](#)
- 27 June 2018 [TMAC Hope Bay milestone with NIRB recommendation for Madrid and Boston](#)
- 26 June 2018 [Nighthawk announces gold intersects at North Inca deposit](#)
- 26 June 2018 [Kivalliq announces shares timing and name change to ValOre Metals Corp.](#)
- 26 June 2018 [Nighthawk announces results from annual and special meeting of shareholders](#)
- 21 June 2018 [Aston Bay announces drill targets at Storm Copper](#)
- 20 June 2018 [TMAC Resources' shareholders elect nominees to board at 2018 AGM](#)
- 20 June 2018 [Fortune Minerals announces results of annual general meeting of shareholders](#)
- 20 June 2018 [Dunnedin restarts drilling at Kahuna Diamond Project, Nunavut](#)
- 19 June 2018 [North Arrow closes non-brokered \\$3.12 million private placement financings](#)
- 18 June 2018 [TerraX appoints David Suda as company president and CEO](#)
- 14 June 2018 [High-resolution till-sampling results in refined drill targets at Committee Bay](#)
- 14 June 2018 [Third party refiners interested in purchasing NICO concentrates from mine](#)
- 14 June 2018 [TMAC provides exploration update](#)
- 14 June 2018 [TMAC reports processing, balance sheet, and high-grade exploration success](#)
- 13 June 2018 [Nighthawk reports 24.4% increase to 2.61 million inferred ounces gold at Colomac](#)
- 13 June 2018 [Member's corporate presentation and fact sheet: Nighthawk, June 2018](#)
- 13 June 2018 [Kivalliq announces share consolidation and name change to ValOre Metals Corp.](#)
- 13 June 2018 [Stornoway announces board appointment](#)
- 6 June 2018 [Canadian Zinc submits replies on Prairie Creek Mine all season road EA](#)
- 5 June 2018 [Sabina Gold & Silver reports results from spring drill program](#)
- 4 June 2018 [Baffinland mine rescue team wins big in northern mines rescue competition](#)
- 1 June 2018 [NXGold announces upsize to previously announced C\\$3 million placement](#)

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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 interests 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 May 2018 Mountain Province Diamonds recovers of 95 carat gem diamond Media release, 29 May 2018 Mountain Province Diamonds joins CanadamarkTM Media release, 24 May 2018 De Beers STEM scholarships expanded to University of Calgary Media release, 24 May 2018 Mountain Province Diamonds results of fourth diamond sale of 2018 Media release, 23 May 2018 Mountain Province completes Kennedy North winter exploration program Media release, 15 May 2018 Mountain Province announces Stuart Brown as incoming president and CEO Media release, 10 May 2018 Mountain Province Diamonds announces March 31, 2018 quarter end results
Prairie Creek	Canadian Zinc Corporation	Zinc-lead-silver	Proposed underground mine 120 km W of Ft. Simpson. Estimated mine jobs: 220	Media release, 28 June 2018 Canadian Zinc announces results of annual general meeting

			<p>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.</p> <p>In 2017, the Mackenzie Valley Environmental Impact Review Board recommended approval of the proposed all season road.</p> <p>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 minesite.</p>	<p>Media release, 6 June 2018 Canadian Zinc submits replies on Prairie Creek Mine all season road EA</p>
NICO	Fortune Minerals Ltd.	Cobalt-gold-bismuth-copper	<p>Proposed open pit and underground mine located 50 km NE of Wha Ti. Estimated mine jobs: 150. Mine life, 20 years. 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, 20 June 2018 Fortune Minerals announces results of annual general meeting of shareholders</p> <p>Media release, 14 June 2018 Third party refiners interested in purchasing NICO concentrates from mine</p>
Kennady North	Mountain Province Diamonds	Diamonds	<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 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 exploration will result in target being delineated as a mineral resource.</p>	<p>Media release, 13 April 2018, Mountain Province completes business combination with Kennady</p> <p>Media release, 20 March 2018, Update on the Kennady North winter drilling program</p> <p>Media release, 7 March 2018, Update on the Kennady North winter drilling program</p> <p>Media release, 6 March 2018, Kennady obtains interim order for plan of arrangement</p>

NWT & Nunavut Chamber of Mines – Northern Mining News

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)	<p>Media release, 26 June 2018 Nighthawk announces gold intersects at North Inca deposit</p> <p>Media release, 26 June 2018 Nighthawk announces results from annual and special meeting of shareholders</p> <p>Media release, 13 June 2018 Nighthawk reports 24.4% increase to 2.61 million inferred ounces gold at Colomac</p>
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.	Media 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.	Media release, 28 June 2018 Seabridge Gold reports on results of shareholder's annual general meeting
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.	<p>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.</p> <p>The HPAR was developed in the 1970s, and runs from the Nahanni Range Road to the NWT-Yukon border. Passing through 2 national parks.</p> <p>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.</p>
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.	Media release, 29 June 2018 Avalon completes share financing and private placement

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 minesite 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, 30 April 2018, Election of directors announced
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. The 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.	Media release, 27 June 2018, First quarter IIBA highlights Media release, 4 June 2018, Baffinland mine rescue team wins big in northern mine rescue competition
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.	Media release, 27 June 2018 TMAC Hope Bay milestone with NIRB recommendation for Madrid and Boston Media release, 20 June 2018 TMAC Resources' shareholders elect nominees to board at 2018 AGM Media release, 14 June 2018 TMAC provides exploration update Media release, 14 June 2018 TMAC reports processing, balance sheet, and high-grade exploration success
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.	Media release, 26 April 2018: Agnico Eagle reports first quarter 2018 results; Nunavut development projects progressing on budget and on schedule; exploration drilling yields favourable results at multiple projects. The Meliadine project was approved for development on February 16, 2017 and is now under construction.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of George	Media release, 5 June 2018 Sabina Gold & Silver reports final results from spring drill program

NWT & Nunavut Chamber of Mines – Northern Mining News

			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 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. 74 kimberlites discovered with 8 potentially economic on 317,213-hectare site. Positive Phase One PEA, updated May 2018 highlights: <ul style="list-style-type: none"> •After-tax payback of 2.2 years •Life of mine 13 years •Resource at CH-6 and CH-7 exceeds 22 million carats •Pre-production capital requirement ~\$455m, including \$95m for the access road from Iqaluit and \$55m in contingency •Pre-tax NPV(7.5) of \$1069 million and a pre-tax IRR of 38.6% •After-tax NPV(7.5) of \$679 million and an after-tax IRR of 31.1% •Average LOM strip ratio of 6.6:1 (average across the combined CH-6 and CH-7 open pits); Mining to a depth of 300 mbs at CH-6 	Media release, 23 May 2018 New preliminary economic assessment from Peregrine Diamonds for Chidliak
Angilik	ValOre Metals Corp. (formerly Kivalliq Energy)	Uranium	340,268-acre property located SW of Baker Lake; Hosts the high-grade Lac 50 Trend deposit	Media release, 26 June 2018 Kivalliq announces shares timing and name change to ValOre Metals Corp. Media release, 13 June 2018 Kivalliq announces share consolidation and name change to ValOre Metals Corp.
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.	Media release, 19 June 2018 North Arrow closes non-brokered \$3.12 million private placement financings

Committee Bay Gold Project	Auryn Resources (purchased North Country Gold Corp.)	Gold	<ul style="list-style-type: none"> • High grade gold endowment • Existing exploration infrastructure • 217,600 hectares with district scale discovery opportunities 	Media release, 14 June 2018 High-resolution till-sampling results in refined drill targets at Committee Bay
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THANK YOU!









The NWT & Nunavut Chamber of Mines would like to thank all the businesses and individuals who contributed to the success of the 2018 Miner's Picnic. **We couldn't have done it without your support.**

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Thanks to everyone who joined us at the NWT & Nunavut Chamber of Mines annual miner's picnic in Yellowknife! Thanks to all our sponsors and thanks all our volunteers listed above in our Northern News Services advertisement.

Project maps

