

Northern Mining News

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From the Editor ...

This issue begins with stories reminding us why mining is still so important during these extraordinary pandemic times. Read then how our mines are breaking new ground to keep people safe and prevent spread of the COVID virus (and perhaps even other viruses) with the extraordinary step of on-site testing,

While COVID contributed to closing the Ekati mine, Dominion's announcement with Washington Group bodes well for the mine's future reopening and resumption of jobs, business benefits, and community wellness programs.

A number of our development projects and advancing explorers have reported in, and we are encouraged that some – not all yet – have announced work resumptions. The announcement by the NWT Government that applications for exploration incentive grants is providing some optimism that we might see some recovery beginning this season. Stay posted.

The Chamber will continue to advocate for the minerals industry, and it remains optimistic that it will emerge from the pandemic ready to rock! ☺

Be safe, be healthy! ... Editor

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



COVID reminds us why mining is critically important

During these challenging times created by the COVID pandemic, we are reminded why the minerals industry is so important to the economy.

A good example is demonstrated by Dominion Diamond Mines, which just submitted its [Ekati annual report](#) as required under its socio economic agreement with the Northwest Territories Government. 2019 highlights from the Ekati diamond mine include:

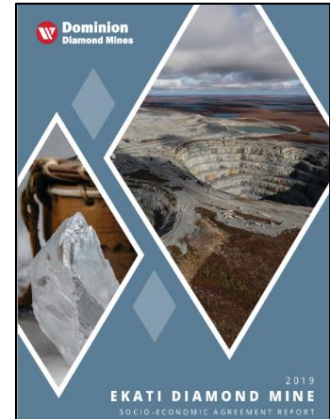
- 1,186 jobs (person years employment)
- \$398.0 million business spending

That is just one mine. When you combine the most recent available data (2018) from all seven NWT and Nunavut mines, it truly is significant:

- 7,602 jobs (person years employment)
- \$2.8 billion business spending

For more details on benefits of mining in Northwest Territories, see the territorial government's 2018 socio-economic agreement report on diamond mine [here](#).

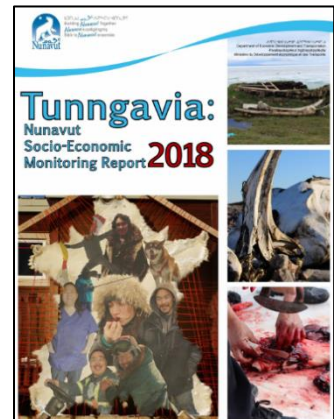
For more details on benefits of mining in Nunavut, see the territorial government's 2018 Nunavut Socio-Economic Monitoring Report, the first territory-wide account of the impacts and benefits of mining in the territory [here](#). The NSEMR combines the 2017 regional reports.



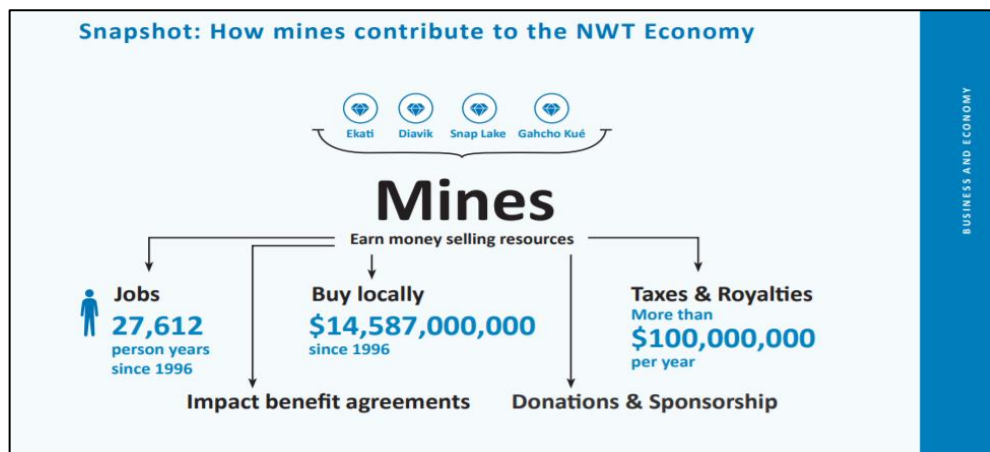
[Click for Ekati 2019 socio economic agreement report.](#)



[Click for NWT Government 2018 socio economic report.](#)



[Click for NU Government 2018 socio economic report.](#)



Page from NWT Government [2018 socio economic report](#). [Click to view entire report.](#)

Editorial: Corona virus testing at mine sites – adding another level of protection

NWT & Nunavut Chamber of Mines editorial by President Ken Armstrong

As the COVID-19 pandemic continues, the territory's mining industry is demonstrating there is nothing more valued than the health and safety of employees, contractors, and nearby communities.

The mines practise a dizzying list of actions which can include daily health monitoring, temperature checks, 14 days of physical distancing before workers travel to the mines, dedicated charter flights from private air terminals to reduce potential exposure on commercial aircraft and public airport terminals, longer shift rotations to reduce frequency of travel, physical distancing, and enhancing cleaning protocols at mine sites. Another important measure is on-site COVID-19 testing of mine workers.

In the weeks and months ahead, all these measures will remain a key part of COVID-19 management and virus prevention.

On-site testing will be important as jurisdictions across Canada begin to relax measures implemented to prevent the spread of COVID-19.

Agnico Eagle, which operates two gold mines in Nunavut, was the first of the northern mining companies to install the GuardRX rapid testing lab for COVID-19 at site for workers.

Agnico Eagle began testing Meliadine and Meadowbank mine workers at the beginning of April and, to date, has tested more than 2,700 workers and all have tested negative for COVID-19.

Baffinland Iron Mines was next to bring in testing for Mary River mine employees. As of last week, approximately 1,400 Mary River employees had been tested for the virus using the GuardRX COVID-19 lab. Baffinland is further examining how it can partner with Nunavut-based organizations to use its testing equipment not only to support community testing for COVID-19 but other medical diagnostics such as tuberculosis.

In May, Rio Tinto's Diavik mine in the Northwest Territories brought in GuardRX, the not-for-profit public health expert, to install an on-site laboratory to establish regular testing of its employees and contractors.

Once in operation, Diavik opened its lab to run tests for its neighbours at the Gahcho Kué mine, operated by De Beers Group. De Beers is testing outbound staff at Gahcho Kué diamond mine and Snap Lake site, which is in care and maintenance. Samples are being processed at the Diavik lab.



Demonstrating their focus on safety, many northern mines have added on-site COVID-19 testing of workers. Rio Tinto photo

Testing adds to the extensive list of preventative measures already in place at the mines.

As one northern mine CEO said, it is “committed to do everything it can to protect people and communities and this testing will add a further layer to the robust precautionary measures.”

The Chamber of Mines is confident this commitment to health and safety holds true for all the northern mine operators.

The mines recognize testing of mine workers is a major tool in the arsenal of measures designed to protect workers, contractors, and communities.

Installing rapid testing labs at mine sites goes well beyond the norm in the minerals industry, but then COVID-19 is not a normal virus. Given the long history of strong safety practices and achievements at the mines, the addition of testing workers for the virus should not have come as a surprise.

In this global pandemic, it is often said that ‘we are all in this together’. On-site testing, and all the other measures done to protect workers, contractors, and communities, is yet another way northern mines are all continuing to put that sentiment into action.

The Chamber of Mines is very proud of its mining members and their collaborative and focused efforts to protect people and communities.

We tip our hats, yet again, to our mining community for all their efforts and contributions.

COVID-19 testing begins at Gahcho Kué Mine, Snap Lake

In support of government and community efforts to stop the spread of COVID-19 in the Northwest Territories, De Beers Group announced in May it has stepped up its preventative measures to protect employees, contractors and communities by testing site-based staff for COVID-19 at Gahcho Kué Mine and Snap Lake site.

Effective May 24, tests are being conducted on all outbound employees and contractors, with samples processed at the GuardRX lab recently established at Diavik Diamond Mine.

Lyndon Clark, general manager of Gahcho Kué Mine, said: “Testing is especially important now as jurisdictions across Canada begin to relax measures implemented to prevent the spread of COVID-19. Testing will go a long way to prevent potentially asymptomatic individuals from transmitting the virus to their home communities and providing urgent and necessary support to employees who test positive.

“De Beers Group wants to thank Rio Tinto/Diavik and GuardRX for making the testing capacity available. Throughout the pandemic, De Beers and Diavik have worked closely together to put best practices in place to protect the health of employees and community residents.”

[Click here](#) to see some of the COVID-19 measures in place at De Beers Group sites in Canada.

Gahcho Kué Mine is located in the NWT, 280 km northeast of Yellowknife. The mine is a joint venture between De Beers Group (51% - the operator) and Mountain Province Diamonds. In Canada, De Beers Group is also advancing the Chidliak Project in Nunavut and its Victor Mine in Northern Ontario and Snap Lake Mine in the NWT are in the early stages of closure.

[See release.](#)

Editorial: Some good steps towards NWT's mineral industry recovery

NWT & Nunavut Chamber of Mines editorial by President Ken Armstrong

Covid-19 is creating deeply troubling times for all of us, particularly so for those in the private sector who rely on an open and strong economy for their survival.

Governments have been forced to virtually shut down their economies – to put them into a forced coma if you will – to gain control of the Covid-19 pandemic. This has been necessary, but it also comes at a huge cost, and Canada is now in an alarming downhill slide into economic recession and record high government debt. It will take significant efforts to come out of this deep trough, to jump start the economy, and to get everyone back to work. While daunting, it is not impossible.

Strong efforts by governments around the world after the 2007-08 global financial crisis saw most economies recover back to pre-crisis levels in about two years. The Covid-19 crisis is even larger and more disruptive due to its heavy impact on, or suspension of, all non-public sectors of the economy. This time, we can expect that even more concerted efforts will be needed for a strong recovery. Jump starting the economy will require a robust recovery plan, and one that involves all levels of government – Federal, territorial, municipal, and Indigenous – and the business community. While we criticized the GNWT's first discussion of a recovery plan as being weak, we would like to acknowledge some promising actions taken by the GNWT since then that specifically help the minerals industry.

First is what we call tone, what governments say to investors. The 19th Assembly's mandate had already set a supportive tone pre-COVID with direction to: "Increase exploration and exploitation of mineral resources". Now during Covid-19, the Premier continues to be consistent in enunciating GNWT support. Last week our "minister for mines" Katrina Nokleby reinforced the GNWT's support for exploration and mining to members of the NWT Chamber of Commerce when she emphasized that:

Our economy will continue to be reliant on our resource sector and on our diamond mines. We are working to ensure that our mines can operate through this crisis because we will need them to anchor our recovery. Mining and exploration is the biggest source of private sector jobs and income for our residents and a major buyer of products and services from our businesses.

Tone of course isn't enough without actions, but we are now seeing some support emerging. Just this week, we welcomed the announcement that relief would be provided for mining surface lease holders and that the deadline for the mining exploration incentive program would be extended and the program enhanced to help kick-start exploration. We are now waiting on relief for mineral claim and lease holders. Small steps, but a welcome start.

We have a long way to go to create a robust recovery plan that will, in the words of our Prime Minister, lay the groundwork for the economy to "come roaring back" once the pandemic's danger subsides. In the coming weeks and months, we will work closely with the GNWT – and all levels of governments – to take bold actions to turn the NWT's economy around using the strength of our minerals industry. There's no time to waste. Our minerals industry stands ready, willing, and able to help the NWT emerge stronger. Click [here](#) for the News/North editorial.

Dominion Diamond Mines reaches agreement with Washington Companies

Dominion Diamond Mines ULC announced it has signed a letter of intent with an affiliate of The Washington Companies under which an entity to be managed by Washington would acquire substantially all of Dominion's assets for approximately US\$126 million in cash and the assumption of substantially all of Dominion's operating liabilities. Washington has also agreed to provide Dominion up to US\$60 million in short-term debtor-in-possession financing.

As previously announced, on April 22 Dominion filed for insolvency protection under the Companies' Creditors Arrangement Act and obtained an order from the Alberta Court of Queen's Bench granting Dominion protection under the CCAA.

Dominion believes that the proposed sale:

- Ensures Dominion will be able to deliver on its plans to resume mining operations at the Ekati Diamond Mine and safely recall its furloughed workers as the spread of COVID-19 subsides and diamond markets reopen
- Provides assurance to Dominion's employees, suppliers, and the communities in the Northwest Territories that Ekati will continue to operate into the future
- Allows Dominion to pay or meet obligations owed to employees, including pension obligations, and to remain a significant employer and corporate citizen in the Northwest Territories
- Provides assurance to the Government of the Northwest Territories that Dominion will continue to comply with all appropriate health, safety, and environmental standards at Ekati and provide economic support to the communities in the Northwest Territories

Dominion continues to believe in the long-term viability of its assets and expects to emerge from the CCAA process stronger and better able to deliver value to all stakeholders, including the Government and citizens of the Northwest Territories.

Details on Proposed Transaction

Washington has agreed to provide Dominion up to US\$60 million in DIP financing, which is intended to help provide the company sufficient liquidity to fund business operations and other expenses through the closing of the sale of Dominion, including ongoing obligations to employees and suppliers of goods and services. Dominion may draw down up to US\$10 million immediately upon Court approval of the DIP financing and the balance in instalments conditional on the parties signing the definitive asset purchase agreement contemplated under the LOI. The banks who hold the company's first lien debt will be permitted to participate in up to 34% of the DIP facility and, pursuant to the DIP loan agreement, the First Lien Debtholders have agreed to support of the proposed sale and DIP financing transactions.

Under the LOI, an entity managed by Washington will serve as the "stalking horse" bidder for Dominion's assets, and its bid will be subject to a Court-supervised bidding process designed to achieve the highest or otherwise best offer, including an auction if necessary. Accordingly, Dominion intends to file a motion with the Court seeking approval of (i) the proposed asset sale, which would be subject to termination if Dominion determines it has received one or more higher and better offers; (ii) the proposed DIP financing; and (iii) bidding procedures for the solicitation of competing offers, either to purchase part or all of the company's assets or to

make an investment in the company. Dominion said in its May 22 announcement that it expects the sale process to move quickly and close 90 to 120 days.

Under the sale contemplated by the LOI, Dominion expects the ongoing business to pay or otherwise satisfy, among other things, obligations to certain stakeholders, including:

- Dominion's employees, including pension obligations
- Governmental authorities, including reclamation obligations at Ekati; and Dominion's Impact Benefit Agreement partners and other Indigenous groups and Northern communities.

Dominion and Washington both recognize the importance of and are committed to protecting the interests of the company's local stakeholders, specifically its employees and obligations at Ekati, through the CCAA process.

The proposed asset purchase agreement for the purchase of substantially all the assets of Dominion will be subject to certain conditions. Dominion and Washington are hopeful that a mutually beneficial and equitable resolution can be reached with Rio Tinto that allows for responsible and economically sustainable mining practices at Diavik and helps protect the future of diamond mining in the NWT. [Click here for the release.](#)



We are optimistic the Ekati diamond mine will reopen in future. See story above.

TMAC announces first quarter results

TMAC Resources Inc. reports first quarter 2020 results for production and certain operating metrics.

First quarter 2020 production summary

- Production: 32,290 ounces of gold produced
- Sales: 27,710 ounces of gold sold
- Mining: 1,760 tonnes per day (“tpd”), with a grade of 10.2 grams per tonne (“g/t”) Au
- Processing: 1,110 tpd, with a feed grade of 11.9 g/t Au, and 84% recovery
- Development metres: 2,130 metres at Doris and Madrid

Jason Neal, President and Chief Executive Officer of TMAC, stated, “In the first quarter we produced 32,290 ounces of gold, 31% more than the previous quarter. First quarter gold recovery was 84% on 1,110 tpd processing rate and a feed grade of 11.9 g/t, as we saw good initial results from the scavenger units commissioned in the fourth quarter. Mine production in the first quarter achieved a rate of 1,760 tpd at a grade of 10.2 g/t, including underground mining of 1,150 tpd at 12.0 g/t and 610 tpd at 6.8 g/t from surface mining at the Madrid North Naartok East crown pillar. Underground ore came from the Doris Connector zone and the high-grade Doris North BTD Extension and East Limb, where ground conditions improved following the rehabilitation work completed in the fourth quarter.”

Jason Neal continued, “As announced on March 30, 2020, TMAC has reduced its operations in response to COVID-19 in order to provide a safe working environment and manage resultant business risks. We have reduced the workforce on site to approximately 120 workers in a camp that accommodates approximately 350 and we have gone to a four-week in four-week out schedule to reduce from eight crew flights to one crew flight every four weeks. We have slowed the mining rate significantly under this reduced staffing plan and are processing this mined ore and established stockpiles.”

Jason Neal concluded, “Last week we announced the completion of the strategic review process initiated in January 2020. As a result, TMAC entered into a definitive sale agreement with Shandong Gold Mining, one of the world’s largest gold producers, that has the financial strength, technical capability and long-term vision to maximize the value of the Hope Bay property. The successful outcome we have achieved is essential to ensure that TMAC has sufficient liquidity to fund its operations, fund debt payments, resume full operations as soon as is practical and complete the feasibility study for future optimization and expansion of operations.” [See release.](#)

Management continues to monitor and evaluate the progression of the COVID-19 pandemic and its potential effects on the operations, liquidity and workforce at Hope Bay. The company has been in regular contact with the Government of Nunavut to align the steps taken to manage the situation. The Company is evaluating options related to the planning of the 2020 annual sealift to procure fuel and supplies.

Click [here](#) for TMAC’s Q4 2019 fourth quarter financial results and corporate updates.

Sabina announces C\$49 million financing to advance Back River gold project

Sabina Gold & Silver Corp. has entered into an agreement with a syndicate of underwriters led by BMO Capital Markets and RBC Capital Markets, under which the underwriters have agreed to buy on a bought deal basis, a combination of common shares, flow-through common shares, charity flow-through common shares, and super charity flow-through common shares to provide the company with gross proceeds of approximately C\$49 million.

Full details are [here](#) in the release.

The net proceeds from the sale of the Common Shares will be used to advance development of the company's Back River Gold Project, including completion of detailed engineering, extension of the airstrip at Goose, completion of geotechnical drilling and acquisition of accommodation complex for future mine construction and operations, to commence the advancement of an underground decline to advance exploration on the Umwelt zone, and for working capital and general corporate purposes. For the company's May 12 AGM amendments release click [here](#).

Exploration and pre-development activities expected to commence in July

Sabina Gold & Silver Corp. announces that plans are now in place for a [phased re-opening of the Back River project](#) in Nunavut.

With a fully subscribed offering scheduled to close on June 3, 2020, the commencement of the deferred exploration drill program along with other project pre-development activities are planned to begin in July.

In addition, Zhaojin International Mining Co., Ltd. has elected to exercise its participation right under its Shareholder Agreement with the company to maintain its 9.9% holdings in Sabina's Common Shares.

Contemporaneously with the closing of the financing, an additional 151,083 flow-through common shares of the company at \$2.40 per share have been subscribed for and will also close on June 3, 2020.

"We are pleased to have developed plans to enable us to safely return to the Goose site to commence exploration and pre-development activities," said Bruce McLeod, President & CEO. "Although we will be working at a reduced camp capacity due to recently established COVID-19 safety protocols, we can once again begin de-risking the project as we advance towards becoming a gold producer. We anticipate camp re-opening in early July and are looking forward to getting back to work," said Bruce McLeod, president & CEO.

"Over the last two years, while markets have not been conducive to obtaining full project financing on acceptable terms, we were able to fund and complete some initiatives critical to the success of the Project. These proceeds will enable us to continue to do this and to advance the Project to a state of readiness for a production decision when the time is right."

Summer drilling and planned exploration decline at Umwelt

Since de-mobilizing personnel from Goose Camp in March due to the COVID-19 pandemic, the company has been working in consultation with external parties to develop camp protocols to ensure the safety of our workforce and the surrounding communities. Sabina will continue to engage with relevant parties including the Government of Nunavut, Government of Northwest

Territories, Kitikmeot Inuit Association, and Kitikmeot communities as additional information on the pandemic becomes available.

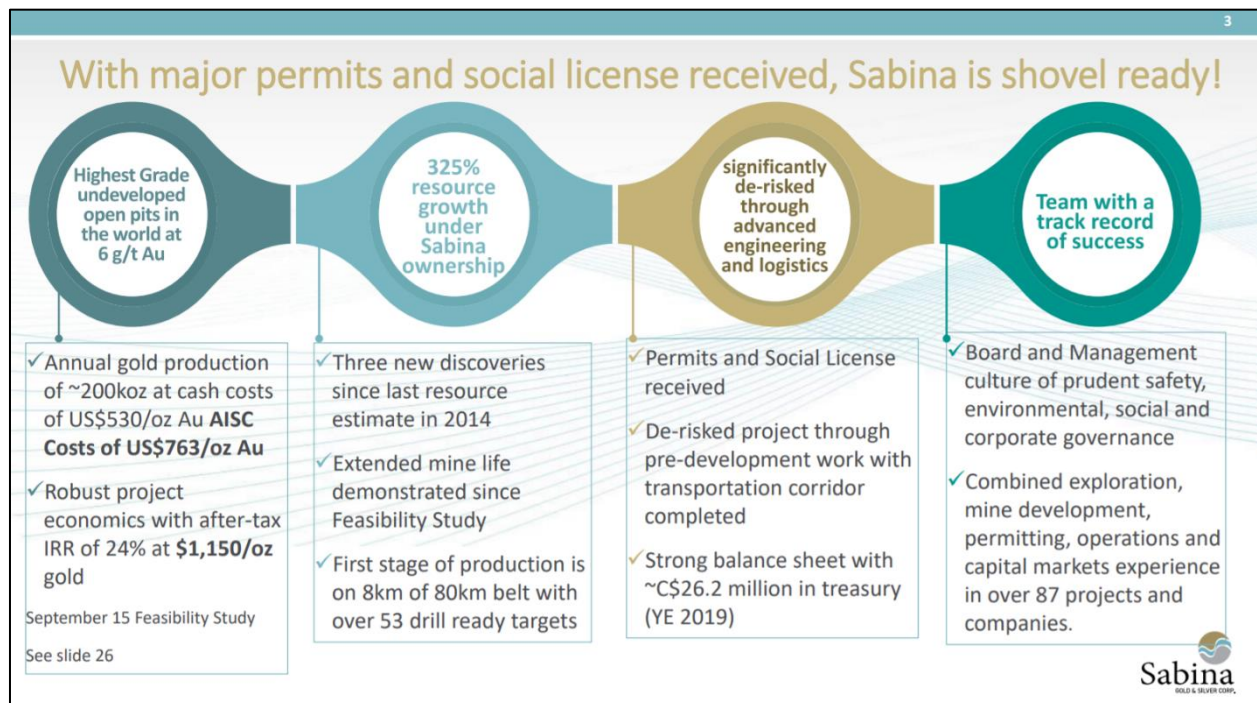
Protocols will be modified based on new information to ensure our safety measures remain appropriate. The company expects that its planned drilling campaign will recommence in July.

Approximately 6500 meters will test for the definition and expansion of a thickened, high grade corridor of mineralization within the Umwelt underground, initially at the Vault Zone and in the up-plunge direction towards the bottom of the proposed pit. Recent drilling and modeling show that the high-grade corridor extends through Vault, up and down plunge, with potential for significant optimization through additional drilling.

Project development activities

Commencing this Summer, the company plans to undertake other pre-development works including extension of an airstrip to allow heavy lift aircraft, roads and pre-development of pads and lay down areas at the Goose site. The company also plans to complete detail engineering which when complete will be the basis for an updated capital cost estimate for the project.

Budgets and work plans for the remainder of 2020 and 2021 are currently underway and will be announced once completed.



Click on this slide, or [here](#), to see the latest Sabina presentation.

NorZinc reports results for first quarter

On May 14, NorZinc Ltd. reported its interim financial results and development activities for the first quarter ended March 31, 2020. (“Q1 2020”).

Q1 2020 highlights include:

- Closed and received first tranche of US\$3M (approx. C\$4.2M) unsecured loan from the company’s largest shareholder RCF VI CAD LLC (Apr)
- Closed \$0.9M oversubscribed private placement (Mar)
- Implemented COVID-19 precautions (Mar)
- Cash and short-term investments at March 31, 2020 - \$0.1M (Mar)
- Loss for Q1 2020 - \$3.0M (Mar)

For the Prairie Creek project:

- Announced updated focus for 2020 and 2021 on activities related to possible significant:
- Increase in throughput; and
- Increase in reserves (Apr)
- All Season Road (“ASR”) Phase 1 Management Plan development (Jan-March)
- Continued discussions to renew Mine Operations permits (Mar)
- Renewal of Surface Leases: Mine Site & Airstrip (Mar)
- Made presentations to Dehcho First Nations and met with regulators (Jan-Mar)

Summary

The company’s activities are primarily focused on the completion of permitting and ultimate development of the Prairie Creek zinc-lead-silver mine in the Dehcho region of the NWT. The company provided a corporate update on April 22, 2020 outlining the new objective for the Mine for 2020 and 2021 based on a thorough internal review. The results of this review process have focused the company on a 2020 and 2021 plan for the Mine on a possible significant:

- Increase in production throughput; and
- Increase in reserves

The company is working through Stage 1 currently, a thorough planning process to define and establish the scope of all elements required to ready the project for Stage 2. In Stage 2, the actual exploration drilling program, site infrastructure redesign, mine design and economics, engineering, permitting and project execution plans will be completed.

During the first quarter, the company has made significant advances towards the successful development of the Prairie Creek Mine.

- In April, NorZinc provided a significant corporate update on the project as well as announced the signing of a US\$3.0M Bridge Loan. The company has drawn down the first US\$1.5M tranche of the loan and will draw the second tranche down during the second quarter. The bridge loan will be repaid from the proceeds of a rights offering that has been previously disclosed.

- Implemented COVID-19 measures including temporary closure of the Vancouver head office with all staff working remotely. The Fort Simpson office has maintained some activities in support of the communities but strictly within the NWT guidelines for remote communities.
- In March, the company closed on a \$0.9M oversubscribed private placement
- In February, the company announced it will voluntarily file a Form 15F with the United States Securities and Exchange Commission (the “SEC”) to terminate the registration of its common shares under Section 12(g) of the Securities Exchange Act of 1934.

Review of financial results

For the three months ended March 31, 2020, the company reported a net loss and comprehensive loss of \$3.0M compared to a net loss and comprehensive loss of \$2.6M for the three months ended March 31, 2019.

At March 31, 2020, the company had negative working capital balance of \$1.3M which included cash and cash equivalents of \$65,000 and short-term investments of \$35,000. At December 31, 2019, the company had cash and cash equivalents of \$2.5M, short-term investments of \$32,000 and a positive working capital balance of \$0.8M.

Outlook and factors affecting performance

NorZinc’s focus for 2020 and 2021 is for a possible significant increase in production throughput and increase in reserves through the completion of the Stage 1 and Stage 2 plans announced in April. The company has been active in working towards a timely completion of Stage 1 activities. This has included discussions and engagement with prospective consultants and vendors in getting the appropriate supplemental expertise to define and establish all elements required for Stage 2.

The company continues to work with the respective Regulators in ensuring compliance with all respective licenses and permits. As previously mentioned, while there are no guarantees, NorZinc is optimistic that under the assumption of obtaining additional funding, Stages 1 and 2 can be achieved over the next 18-24 months.

The company is continually assessing various options for financing the development of Prairie Creek, these include alternative project financing, discussions with strategic investors, governmental supported funding, leases and other financing mechanisms. See [release](#).

All amounts are in Canadian dollars unless otherwise stated. M = million.

Snap Lake receives 15-year type A water licence for closure and reclamation

De Beers Group has received a 15-year type A [water licence for Snap Lake Mine](#) from the Mackenzie Valley Land & Water Board. The licence was issued on Thursday, May 21, 2020 and comes into effect on June 14, 2020.

De Beers thanks the MVLWB Board and staff, government and regulatory agencies, and community participants who took part in the public review process. This water licence establishes the conditions De Beers is required to meet during closure of Snap Lake and

supports the company's goal of returning the site to a functioning ecosystem that is safe for both wildlife and people.

The company is focused on updating the draft final closure and reclamation plan for Snap Lake, with the goal of submitting it to the board before mid-September. De Beers looks forward to working with regulators, government, and communities during the public review process for the closure and reclamation plan.



De Beers' Snap Lake mine began commercial production in 2008 and was placed in care and maintenance in 2015. During that time, total spending was \$2.6 billion of which \$1.8 billion was invested with northern businesses. De Beers Group photo.

Mountain Province Diamonds announces changes to board of directors

On May 13, Mountain Province Diamonds Inc. [announced changes to its board of directors](#), with the addition of Mr. Dean Chambers, a professional engineer and financial executive with strong operational, financial, M&A and major capital project experience in the mining industry. Mr. Chambers' career as a senior executive in the mining and chemical industries includes progressive positions with The Dow Chemical Company, Falconbridge Limited and Dynatec Corporation, and Sherritt International. Most recently, he served as an independent director and chair of the audit committee on the board of North American Palladium. Mr. Chambers holds the ICD.D designation from the Institute of Corporate Directors. Mr. Chambers also serves on the Industrial Advisory Committee for the Engineering and Management program at McMaster University. With over 30 years of extensive experience in the resource industry, Mr. Chambers will be an invaluable addition to the company's board.

Jonathan Comerford, the company's chairman commented: "We are pleased that Dean has agreed to join our board. His extensive knowledge and experience in the resource sector will be extremely valuable as we navigate through the challenges of COVID-19 Pandemic."

Following his decision to not seek re-election to the board after over 20 years of service, David Whittle has resigned as a director of the company and chair of its audit committee. Comerford added: "On behalf of us all, I would like to thank David for his long and dedicated service to Mountain Province Diamonds and wish him success on his future endeavours. David had

informed the company earlier in the year of his intention to step down from the Board after serving over 20 years as a Director. I am extremely grateful that David agreed to stay on a few extra months to help the company through a difficult period with COVID-19 pandemic. Under his leadership and support which included a period as Interim President and CEO, the company has successfully transitioned from a diamond explorer into a diamond producer."

Gold Terra continues discovering Gold at Sam Otto South Zone

In two releases this month, Gold Terra announced success at its Sam Otto zone at its 100% wholly-owned Yellowknife City Gold project in the NWT.

Gold Terra Continues to Expand Gold Mineralization at Sam Otto South - Results of 10 holes

On May 11, Gold Terra announced the results of [10 drill holes from Sam Otto South](#). To date, Gold Terra has released the assay results of 28 holes from its 36 holes winter drilling program totaling 10,989 metres.

This drilling targeted the northern part of Sam Otto South. All 10 holes intersected gold mineralization, indicating the potential to add to the current inferred mineral resource estimate dated November 4, 2019.

Highlights include:

- 1.03 g/t Au over 23m, including 1.30 g/t Au over 12m (TSO20-077)
- 1.60 g/t Au over 11.75m (TSO20-078)
- 1.18 g/t Au over 11m, including 1.94 g/t Au over 6m (TSO20-074)
- 1.05 g/t Au over 9m (TSO20-076)
- 1.09 g/t Au over 7m (TSO20-068)

The drilling results reported to date demonstrate good continuity of the gold mineralization at greater than 1 g/t and have expanded the mineralized zone beyond the boundaries of the 2019 Mineral Resource Estimate.

The drilling also intersected an additional zone of mineralization in hole TSO20-075 at a vertical depth of approximately 300m.

Gold Terra intersects 1.30 g/t Au over 50.6m at Sam Otto Main

On May 19, Gold Terra [announced](#) the results of the remaining [six drill holes from Sam Otto](#). Click [here](#) for maps and tables. This concludes the winter drilling program at Sam Otto with 34 holes totaling 9,622 metres.

Highlights include:

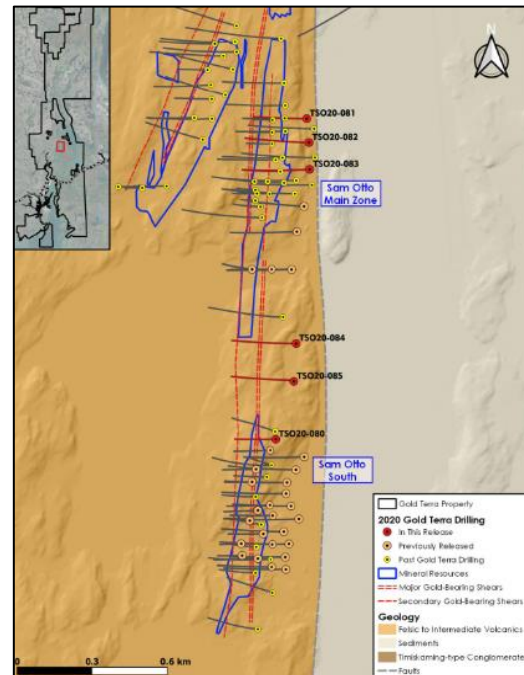
- 1.30 g/t Au over 50.6m, including 3.02 g/t Au over 9.0m (TSO20-083)
- 1.18 g/t Au over 51.65m, including 2.07 g/t over 11.05m and 2.03 g/t over 13.5m (TSO20-081)

The three holes drilled at Sam Otto Main covered a strike length of 300 metres (100m spacing) and all intersected wide zones of gold mineralization, with two of the holes having the widest greater than 1 g/t gold intersections ever drilled at Sam Otto to date (Link to cross-sections). In

addition, these holes were drilled below the current pit constrained inferred resource (based on a US\$1,300 gold price) and therefore remains open at depth. The mineralized system is also open along strike to the north as only two shallow holes were drilled (TSO17-021 and 025) and both intersected 10 to 20 metre zones of greater than 1 g/t. The other three holes drilled in the 'connector' zone (area between Sam Otto Main and Sam Otto South) did not intersect any significant gold mineralization.

With the assistance of Vrifly, the company has posted on its website a model with cross-sections depicting the results of the 2020 winter drilling program at Sam Otto, which extends for a strike length of 4.5 kilometres. The Vrifly deck can be accessed directly ([click here](#)) or visit the projects section of the Gold Terra website ([click here](#)).

President and CEO David Suda said: "Overall, the drilling campaign at Sam Otto was successful in expanding the footprint of the gold mineralized system and indicating the potential to add to the current inferred mineral resource estimate dated November 4, 2019. With the first part of our 2020 drilling program completed, we will now move our sights to further resource expansion with a drilling program on the Crestaurum high-grade deposit as soon as conditions permit."



Gold Terra 2020 drilling at Sam Otto Main and Sam Otto South.

Nighthawk drilling summary sheds new light on Colomac, highlights deliverables

Hole C19-08 returns best intercept to date of 56.00 metres of 13.49 grams per tonne gold

Nighthawk Gold Corp. provided the following summary of its successful 2019 exploration program on its flagship Colomac Gold Project centrally located within its Indin Lake Gold Property, Northwest Territories. The company highlights key deliverables for the project moving forward and provides an update for 2020.

Dr. Michael Byron, president and CEO commented, "Last year was our most active and successful exploration program to date. We accomplished a tremendous amount, with our greatest achievements centred around the discovery that a panel of higher-grade mineralization exists spanning Zone 1.5 and the northern section of Zone 2.0, and of its three-fold increase in true width to upwards of 155 metres at depth. Equally as important was the discovery that the main body of the intrusion between Zone 1.5 and Zone 3.5 also shows a significant widening of the mineralized upper portion of the sill to depth, in excess of 3.5 kilometres along strike delivering another previously unknown opportunity that is expected to add to our resource expansion goals. These are just two of the many key deliverables achieved in 2019 that collectively establish an exciting path for Nighthawk going forward."

2019 highlights and key deliverables:

- Most extensive and successful drill program completed to-date at Colomac, including the Colomac main sill ("Colomac Main") and the Goldcrest sill ("Goldcrest")
 - Completed 91 drillholes for a total of 35,018 metres of drilling.
- Drilling continued to intersect significant grade over broad true widths within high-grade Zone 1.5
 - Hole C19-08 returning the best intercept to date of 56.00 metres of 13.49 grams per tonne ("gpt") gold ("Au") hosted by a fluidized breccia – a newly recognized and highly mineralized phase within the mineralized quartz diorite portion of the sill.
- Newly defined panel of mineralization exhibiting strong continuity, formed by the merger of high-grade Zone 1.5 and the northern portion of Zone 2.0
 - Traced up to 500 metres in strike with a true width of 30 metres to 50 metres at shallow depths and progressively expands to upwards of 155 metres in true width at 800 metres vertical depth where it remains open.
- Breakthrough Discovery - mineralized portion of the Colomac Main widens upwards of three-fold to depth throughout the best mineralized section of the Main sill (Zone 1.5-2.0 Panel)
 - This represents one of the greatest advances made to-date at Colomac and highlights this area for its potential to host significant tonnes of high-grade mineralization over extraordinary true widths, thus presenting a new opportunity for underground bulk mining as a possible means of future exploitation.
- Confirmation that the mineralized portion of Colomac Main widens significantly to depth throughout the 3.5 kilometres that separates Zone 1.5 from Zone 3.5
 - It is believed that this progressive widening to depth reflects the sill's true geometry and is typical of its entire 9-kilometre strike length, thus providing a new and exciting opportunity for significant resource expansion at depth.
- New style of Colomac high-grade quartz vein hosted mineralization documented at Zone 3.5 outside of the quartz diorite
 - Intersected mineralization within the intrusion's basal quartz gabbro representing a new style of mineralization that requires additional follow-up.
- Drilling targeted new resource expansion opportunities within Goldcrest's southern section
- Metallurgical testwork continues to characterize Colomac rock as extremely consistent and predictable in terms of hardness and response to standard gold recovery processes
- Continued streamlining of operational efficiencies have led to reductions of all-in drilling costs to \$286 per metre

The 2019 drill season commenced in early March 2019 and ran until late September with three drills active. A total 110 drillholes for 40,834 metres of drilling was completed with the majority of drilling focused at Colomac (35,018 metres), in preparation for an updated mineral resource estimate in 2020. Drilling at Colomac continued to: delineate discrete higher-grade domains within Colomac Main along strike and to new depths; explored for new zones similar to Zone

1.5 throughout Colomac Main and Goldcrest; infilled and tested the boundary area between Zones 1.5 and 2.0; and drilled shallow gaps in the resource from Zone 3.5 northwards to Zone 2.0, a region that remains largely underexplored to depth (Figure 1 in the release).

Seven (7) holes (2,190 metres) were completed at Goldcrest, located parallel and 400 metres west of Colomac Main, to follow-up on areas highlighted by Nighthawk's three previous drill campaigns, and to target new resource expansion opportunities to depth within Goldcrest's southern section.

See the full release [here](#) which includes details including tables, 2020 exploration plans, and Nighthawk's goals and objectives moving forward.

Overview

DISTRICT SCALE LAND POSITION

Untapped Archean gold camp with numerous deposits and showings centred around a growing multi-million ounce gold project.

INDIN LAKE GOLD PROPERTY

Northwest Territories

Yellowknife

Colomac Gold Project

2.6Mozs

Inferred Mineral Resources¹

- Engaged JDS Engineering & Mining to conduct preliminary engineering study

Fully Funded for 2020

C\$9.7 MM^{Cash²}

2020 Exploration Budget of 25,000 m

Led by Dr. Michael Byron

Founding member of Aurora Platinum, Lakeshore Gold and Falco Resources

- Management team with proven track record in successful exploration
- Diversified board with capital markets, mine building and political expertise
- Geology team has worked alongside Michael Byron for over two decades

Supportive Shareholder Base and Strategic Investors:

- Northfield Capital
- Kinross Gold Corporation
- Osisko Gold Royalties

1. Refer to appendix for NI 43-101 mineral resource statement and notes
2. As at December 31, 2019.

TSX: NHK
OTCQX: MIMZF

3

Click on the slide to review the rest of Nighthawk's latest presentation.

Auryn advances high-grade gold targeting at Committee Bay

Auryn Resources Inc. announced a significant advancement in targeting high-grade gold mineralization at the 100% owned Committee Bay gold project in Nunavut.

Auryn's technical team analyzed recent and historical drill results from across the 300-kilometer greenstone belt and differentiated the geophysical conductivity responses between high-grade and low-grade mineralization. This led to revisiting several high potential targets across the belt

that are characterized by strong gold-in-till anomalies and high-grade gold in outcrop or boulder trains, where historical drilling has not yet explained the extensive high-grade occurrences. In addition, undrilled targets were identified that have both high-grade boulder and outcrop rock samples as well as conductivity responses that are consistent with observed high-grade mineralization in other areas of the belt.

“The Committee Bay gold project represents one of the premier gold belts globally. In the past four years we have come progressively closer with the successful drilling of multiple gold zones on the 300-kilometer trend, however, we have yet to drill the high-grade sources. Our most recent efforts last year led us to an instrumental breakthrough in targeting high-grade mineralization, which we are very excited to pursue as the gold price continues to rise,” said Ivan Bebek, executive chairman and director.

Advanced targeting process

The process of evaluating conductivity responses across the belt and correlating to gold grade has led Auryn to reinterpret both magnetics and geological data with the following results:

- A new understanding of shallowly plunging structural geometries associated with fold hinge zones that are favorable for hosting high-grade mineralization.
- An understanding of the relevance of the highest conductivity responses in each rock type that has the potential to correspond with high-grade mineralization based on sulphidation of the host rock.

Auryn has applied this approach to the southwestern third of the belt and identified two significant fold hinge targets that have not been drilled at the Anuri and Amautik prospects. The technical team believes that the identification of shallowly plunging fold hinge zones is a critical step in targeting high-grade mineralization where strong gold-in-till anomalies and high-grade rocks in outcrop or boulder trains are in support of the newly identified targets.

“Over the past four exploration seasons we have built an incredible data set that has looked at the belt holistically. This has allowed us to identify the most important factors that produce high-grade mineralization versus low-grade mineralization across the belt. In addition, we have had a key breakthrough in identifying a new style of structural geometry, where potential fold hinge zones are plunging shallowly and are not necessarily exposed on surface. We believe our targets share geometries similar to those observed at the Meadowbank and Amaruq deposits and look forward to our future drill programs,” said Michael Henrichsen, chief operating officer and chief geologist.

For more details, read the full [release](#). For the latest presentation click [here](#) or image below.



GNWT mining incentive program update

In response to the negative impacts of COVID-19 on NWT mineral exploration, several changes have been implemented to the Mining Incentive Program (MIP) for 2020-21. These changes provide additional support to Northwest Territories (NWT) mineral exploration and ensure that work is being conducted safely and in accordance with current public health measures.

MIP applicants should consult the [MIP guidelines](#) for information on eligibility and application requirements. The changes listed below take precedence over the MIP guidelines:

- **Application deadline:** The MIP application deadline has been extended by an additional week (to June 5, 2020) to provide applicants with additional time to plan for program changes and meet the requirements described below.
- **Applications already submitted:** These must also comply with the changes and requirements described below.
- **Corporate funding ratio and maximum funding:** The maximum funding for corporate projects will increase to 60% of eligible expenses, to a maximum of \$240,000. In other words, a project with \$400,000 of eligible expenses can potentially receive up to \$240,000 in MIP funding this year.
- **Self-isolation expenses:** Any NWT expenses incurred to comply with mandatory self-isolation periods will be considered eligible expenses for MIP funding.
- **Logistics and expediting expenses:** Any NWT expenses related to expediting or program logistics will be considered eligible expenses for MIP funding.
- **Remote community access:** Access to remote NWT communities is strongly discouraged. If a project requires access to a remote community, a summary of the risk assessment and communications/engagement plan must be outlined in the application.
- **NWT spending:** MIP applications that propose only modest amounts of NWT spending will not be considered for funding in 2020-21. Non-NWT applicants should demonstrate maximum usage of available NWT businesses and contractors to complete their projects. This will greatly simplify COVID-related project planning and assist in NWT economic recovery by directly supporting NWT businesses and workers.
- **Additional MIP funding:** The Department of Industry, Tourism and Investment is exploring ways to potentially increase MIP funding for 2020-21. This may result in a second call for applications to support winter exploration work. Currently, there is no assurance that additional funding will be available or a second call for applications will be made.

Requirements related to COVID-19:

- The Chief Public Health Officer (CPHO) of the NWT has issued public health orders that affect the mineral exploration industry. Two orders of relevance to mineral explorers were issued on April 10 and April 27, 2020 (see also GNWT Department of Health and Social Services COVID-19 Information).
- All applicants must include the 2020-21 MIP Application COVID-19 Checklist with their proposal.

- All applicants must provide a preliminary risk assessment as outlined on page 2 and 3 of the COVID-19 Risk Assessment and Worksite Precautions provided by the Workers' Safety and Compensation Commission (WSSC). The risk assessment must identify the project's COVID-19 hazards and the hazard controls that will be implemented.
- Successful MIP applicants must demonstrate that they have received all necessary project approvals, including:
 - Any required self-isolation plans approved by Protect NWT (protectnwt@gov.nt.ca).
 - A workplan approved by the Office of the Chief Public Health Officer (OCPHO) that outlines how the project will meet the public health orders and guidelines related to COVID-19.
 - Any self-isolation exemptions requested from the OCPHO.
- All approvals must be obtained before a project begins, and for non-NWT workers, prior to travel to the NWT.
- Successful MIP applicants that fail to demonstrate OCPHO approval will become ineligible for MIP funding.
- In the event of changes to CPHO orders and guidance, affected projects are required to update their plans and demonstrate compliance with the most current orders and guidance.



Chamber of Mines' Social Media

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Website: www.miningnorth.com

Nunavut mining week prize winners

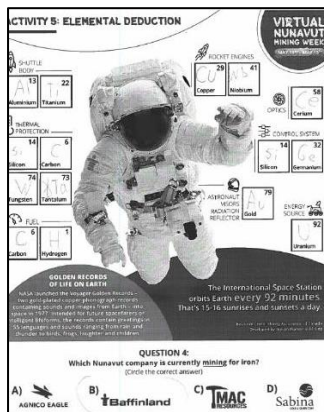
Thanks to those who participated in the Chamber of Mines on-line activities for youth!

Pictured are prize winners Alexa and Nikodemus Senkow, Emma and Sadie Price, and Janae, John, Jacob and Jeniveve MacIsaac. All photos submitted, with Emma and Sadie showing just how much fun kids can have completing the mining week booklet 😊!

For Nunavut mining week, a new [on-line Nunavut mining booklet](#), with several fun and informational activities for youth, was developed.

Produced through a partnership of the NWT & Nunavut Chamber of Mines Mining North Works! public awareness program, Yukon Mining Alliance, Yukon Women in Mining, and Mining Matters, the booklet provides a resource activity youth can complete at home. To learn more about all things mining, explore [Mining North Works!](#) which includes the [Explore for Your Career catalogue](#) profiling several Nunavut mine workers.

The minerals industry offers over 150 different types of employment. The website also features the Mining North Works for Nunavut [video](#).



Member news releases

- 29 May 2020 [Sabina plans Back River project re-opening](#)
- 27 May 2020 [Snap Lake receives new 15-year type a water licence](#)
- 26 May 2020 [COVID-19 testing begins at Gahcho Kué Mine, Snap Lake](#)
- 26 May 2020 [Seabridge Gold completes acquisition of 3 Aces project in Canada's Yukon](#)
- 25 May 2020 [Solstice Gold announces board changes and concurrent C\\$1.2 million financing](#)
- 25 May 2020 [Blue Star Gold announces results of metallurgical testing on North Fold Nose](#)
- 22 May 2020 [Dominion Diamond Mines reaches agreement on key terms with the Washington Companies to sell substantially all of its assets](#)
- 21 May 2020 [Gold Terra announces director resignation](#)
- 21 May 2020 [Blue Star Gold announces non-brokered private placement of debenture unit](#)
- 20 May 2020 [Auryn advances high-grade gold targeting at Committee Bay](#)
- 20 May 2020 [Nighthawk 2019 drilling summary sheds new light on Colomac; highlights key deliverables](#)
- 19 May 2020 [Sabina Gold & Silver announces C\\$49 million bought deal financing](#)
- 19 May 2020 [Blue Star Gold Corp. receives 10 year water licence for exploration and reclamation at Ulu](#)
- 19 May 2020 [Gold Terra intersects 1.30 g/t Au over 50.6m at Sam Otto Main on its Yellowknife City Gold Project in Northwest Territories](#)
- 19 May 2020 [Seabridge to drill new gold-copper porphyry target at Iskut](#)
- 14 May 2020 [NorZinc reports results for Q1 2020](#)
- 13 May 2020 [Seabridge Gold publishes 2019 annual report to shareholders and files 1st quarter 2020 financial statements](#)
- 13 May 2020 [Mountain Province Diamonds announces changes to board of directors](#)
- 12 May 2020 [TMAC announces Q1 2020 operating results](#)
- 12 May 2020 [TMAC announces Q4 2019 financial results and provides corporate updates](#)
- 12 May 2020 [Sabina Gold & Silver Corp. amends text of proposed new articles for upcoming annual general and special meeting of shareholders](#)
- 12 May 2020 [Evrin's beginnings: Data, Rio Tinto and the Goldcorp challenge](#)
- 11 May 2020 [Gold Terra continues to expand gold mineralization at Sam Otto South](#)

Calendar of Events

- The 2020 WSCC **Mine Rescue Competition** and annual miners picnic, both held annually in Yellowknife, have been **CANCELLED** due to the COVID-19 pandemic.
- **June 21-27, Northwest Territories Mining Week** will be going on-line for mining week celebrations and will include various on-line and virtual products.

Exploration & development news briefs

Blue Star Gold Corp. announced the Nunavut Water Board issued an amended and renewed water licence 2BM-ULU2030 for its Ulu Gold Property located in the Kitikmeot region of Nunavut on Inuit Owned Land administered by the Kitikmeot Inuit Association.

The water licence is for a period of 10 years and allows for surface and underground exploration, a new 60-person camp, and progressive reclamation of legacy infrastructure and contamination. Reclamation security previously posted with and held by the KIA (\$750,000) and the Minister of Northern Affairs (\$1,685,542) was considered adequate and remains unchanged.

Blue Star, in its release, acknowledged the KIA's collaboration throughout the relicensing process and its provision of technical input into the licence application; the NWB's timely efforts to facilitate the review and licence issuance; the coordinated technical review undertaken by the KIA and Crown-Indigenous Relations and Northern Affairs Canada.

"The collaboration between all involved, the prompt and detailed responses and the urgency to accomplish the Ulu water licence renewal and amendment together was outstanding. Blue Star will make every effort to undertake the remediation on a priority basis in a timely and careful manner. We look forward to continued work together for the mutual benefit of Nunavummiut and Blue Star," said Peter Kuhn, Blue Star's Interim Chief Executive Officer.

Click [here](#) for release.

Blue Star Gold Corp. announced the metallurgical testing on the [North Fold Nose mineralization](#) showed excellent recovery with plus 93% with simple and conventional processing methodology.

From its 2019 successful drill campaign at the northern end of its 4 km long Robb Trend at the newly discovered North Fold Nose (NFN) zone Blue Star requested Bureau Veritas to conduct a similar metallurgical test program as conducted in 2015 on the Flood zone.

The main goals were to compare the mineralization types of the 2 zones for their composition, determine optimal grind size, test various processing technologies and optimize recovery, of course.

The results showed differences in mineralization composition between the NFN and the Flood zones, but similar fine grind requirements, very good recovery of plus 90% with only aeration and direct cyanidation. The NFN mineralization appears to contain less nugget gold grains, compared to the Flood zone's samples.

While the gold occurs finely, the NFN gold is easy to recover and can be mingled well with the Flood zone mineralization. Both mineralization are expected to be amenable to a combination of gravity and cyanidation

processing or a combination of gravity, flotation and cyanidation processing. The optimum processing flowsheet will be determined with further studies.

Blue Star Gold Corp. announces a [non-brokered private placement](#) of up to 4,000 units of the company at a price of \$1,000 per Unit for aggregate gross proceeds of up to \$4,000,000, with a minimum subscription of \$50,000, or 50 Units per subscriber. Each Unit is comprised of 20,000 unsecured convertible debenture (the "Debentures") and 20,000 non-transferable common share purchase warrants ("Warrants") of the Company.

Each Debenture has a maximum term of 3 years (the "Term") and will bear an annual simple interest rate of 7.5%. During the first year of the Term, the principal amount of each Debenture may be converted by the holder, for no additional consideration, into common shares (the "Shares") of the Company at a conversion price of \$0.05 per Share and \$0.10 per Share during the second and third years of the Term.

Each Warrant entitles the holder to purchase one additional Share at an exercise price of \$0.075 per Share until the expiry date of the Term.

In the event that the Company is unable to obtain authorization from the Government of Nunavut to commence its 2020 summer exploration program on the Company's properties by July 15, 2020, the Company shall forthwith notify the holders, cancel the Debentures and refund the principal amount of the Debentures to the holders, together with accrued interest, and any Warrants forming part of the Units will automatically expire.

Finders fees of 5% cash and 5% finder's shares (the "Finder's Shares") equal to 5% of the dollar value of the Units, may be payable to qualified parties. The Finder's Shares will be priced at \$0.05 per Finder's Share.

The company intends to use the proceeds from the Private Placement for the exploration and development of the company's mineral projects and for general working capital.

All securities issued are subject to a four month hold period pursuant to securities laws in Canada. The Private Placement is subject to the approval of the TSX Venture Exchange.

Seabridge Gold announced its 2019 annual Report to shareholders is now available on its website at <https://seabridgegold.net/pdf/19AR.pdf>. Seabridge Gold holds a 100% interest in several North American gold resource projects. The company's principal assets are the KSM and Iskut properties located near Stewart, British Columbia, Canada and the Courageous Lake gold project located in Canada's Northwest Territories.

Solstice Gold Corp. welcomed Kevin Reid, Michael Gentile and Blair Schultz to its board of directors as part of a strategic plan to unlock shareholder value. The appointments will be made concurrent with, and are subject to the completion of, a non-brokered private placement pursuant to which the company will raise \$1,200,000 through the issue of 30,000,000 units at \$0.04 per Unit ("Private Placement"). Completion of the Private Placement and proposed board appointments is subject to the approval of the TSX Venture Exchange. "I'm very pleased to announce these new board appointments. Each new appointee is experienced and successful in both capital markets and in the junior exploration and development space. Collectively, they bring a wealth of talent to Solstice. We believe the company is significantly undervalued and that these changes and concurrent financing coupled with the ongoing bull market in gold, will best position the company to unlock shareholder value," stated Chairman, David Adamson.

Board Changes

Subject to the completion of the Private Placement, the Solstice board will be reorganized to increase the number of directors from five to six and will be comprised of David Adamson (Executive Chairman), Michael Leskovec, Christopher Taylor, Kevin Reid, Michael Gentile and Blair

Schultz. Marty Tunney and Chad Ulansky will resign from the board; however, Mr. Tunney will continue in his role as President of the company and Mr. Ulansky will be retained as a consultant. The company thanks them both for their contributions as founding directors of the company.

The proposed reorganization of the Solstice board is subject to the completion of the Private Placement.

Each Unit will be comprised of one common share and one common share purchase warrant. Each full warrant will entitle the holder to purchase one common share of the company at a price of \$0.06 for a period of 36 months from the closing date of the financing. The common shares and warrants comprising the Units will be subject to a hold period expiring four months from the date of issuance of the securities.

The proceeds from the Private Placement will be used to fund exploration and related activities and for general working capital purposes.

It is anticipated that the incoming directors will participate in the financing in the amount of approximately \$1,050,000. See [release](#).

CIM announces 2020 J.C. Sproule northern exploration award

Malcolm Robb is 2020 Award Winner for excellence in northern exploration and development

Malcolm Robb's introduction to the geology of northern Canada was as a student in the summer of 1979 working with Falconbridge in northern Manitoba in the Snow Lake and Leaf Rapids areas. After graduating from the Royal School of Mines in 1980, he returned to Northern Manitoba to work for three years and became fully immersed in the North. From Snow Lake he moved farther north to take up the role of mine geologist at the Salmita gold mine, 250 km north of Yellowknife for five years. Following a brief period in the jungle of Guyana in South America, Robb returned to Canada working in Northern Ontario for four years in the Timmins and Kirkland Lake areas before returning to the Northwest Territories in 1994. Making his home there, he has spent the last 25 years working for both industry and government in various roles related to mining and exploration in the NWT.



Malcolm Robb

Malcolm joins with the likes of another colleague and friend of ours, Chantal Lavoie, who received the J.C. Sproule Award in 2019.

Mines and promising Northwest Territories projects

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

Project Name	Owner(s)	Commodity	Description	Status
Ekati Mine	Dominion Diamond Mines ULC , 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 2034. Workforce in 2019, 1,186. 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.	Media release 22 May 2020 Dominion Diamond Mines reaches agreement on key terms with the Washington Companies to sell substantially all of its assets
Diavik Mine	Rio Tinto (operator) & Dominion Diamond Mine ULC	Diamonds	Canada's largest producer of diamonds, 300 km NE of Yellowknife. Mine life to 2025. Became all underground mine in 2012. Workforce in 2018, 1,113. New A21 open pit development budgeted at US\$350m over 4 years. A21 grand opening celebrated August 2018. Reserves at Dec 31, 2018 were 11.5 million tonnes at 2.4 carats/tonne for total of 27.4 million carats.	Media release, 1 October 2018 Diavik Stars of the Arctic dazzle in rough diamond tender
Gahcho Kué Mine	De Beers Canada Inc (51% and operator) and Mountain Province Diamonds Inc. (49%)	Diamonds	Located 280 km NE of Yellowknife, NWT. Open pit mine with life of 12 years. Mine reached commercial operation in Q1 2017. Workforce in 2018, 527. Plan is for three open pits to mine 5034, Hearne and Tuzo ore bodies producing average of 4.5 million carats/year. Mining started with 5034 orebody and production from Hearne began in April 2018. Reserves at December 31, 2018 (production commenced Q3 2016) were 31.1 million tonnes at 1.54 carats per tonne for 47.9 million carats. Initial mine plan extends to fiscal year 2028.	Media release 26 May 2020 COVID-19 testing begins at Gahcho Kué Mine, Snap Lake Media release 27 May 2020 Snap Lake receives new 15-year type a water licence
Prairie Creek	NorZinc Ltd.	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. Feasibility Study completed in 2017 supports 15-year mine life. Subject to completion of financing, and 2.5-year construction phase, production proposed for mid-2020. In 2017, the Mackenzie Valley Environmental Impact Review	Media release 14 May 2020 NorZinc reports results for Q1 2020

			Board recommended approval of the proposed all season road. Over the past eight years Canadian Zinc has successfully completed numerous environmental assessments related to exploration and development of the Prairie Creek Mine. Canadian Zinc has obtained all the significant regulatory permits and social licences required to complete construction and development and undertake mining and milling at Prairie Creek, including construction and use of a winter access road to the mine site.	
NICO	Fortune Minerals Limited.	Cobalt-gold-bismuth-copper	Proposed open pit and underground mine located 50 km NE of Whati. 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.	Media release 7 May 2020 Fortune Minerals provides NICO project update
Kennady North	Mountain Province Diamonds Inc.	Diamonds	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 to identify new kimberlites outside of the corridor. The Kelvin – Faraday corridor is a target for further exploration. 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.	Media release 13 May 2020 Mountain Province Diamonds announces changes to board of directors
Indin Lake	Nighthawk Gold Corp	Gold	Nighthawk controls over 90% of the prospective Indin Lake Greenstone Belt in this historic gold camp with a total ground position now comprising 930 sq km, approximately 220 km north of Yellowknife, NT. The Indin Lake Greenstone Belt is one of Canada's most underexplored gold camps. The property contains 14 known gold deposits and showings, 3 are historic mines (eg Colomac)	Media release 20 May 2020 Nighthawk 2019 drilling summary sheds new light on Colomac and highlights key deliverables

Pine Point	Osisko Metals Incorporated	Lead-zinc	Proposed open pit mine east of Hay River, NT. 10 open pits mined sequentially with 321 jobs. PEA quotes 13-year mine life. Osisko Metals has begun active exploration to advance the project. The objective of the 2018 drill program is to upgrade approximately 50 million tonnes of unclassified near-surface historical resources (Cominco Ltd.) to NI43-101 Inferred Mineral Resources as quickly as possible in areas amenable to open pit mining.	Media release 6 April 2020 Osisko Metals provides corporate update and maintains current PEA schedule
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 26 May 2020 Seabridge Gold completes acquisition of 3 Aces project in Canada's Yukon Media release 19 May 2020 Seabridge to drill new gold-copper porphyry target at Iskut Media release 13 May 2020 Seabridge Gold publishes 2019 annual report to shareholders and files 1st quarter 2020 financial statements
Selwyn Project (Howard's Pass Project)	Selwyn Chihong Mining Ltd.	Zinc, lead	Proposed base metal mine in Yukon on NWT border and access is through NWT. Agreements signed with NWT (Sahtu) Indigenous land corporations. The project will process multiple open pit mines over an approximate 10+ year mine life and includes a mineral processing plant, tailing management facility and the required on-site infrastructure. The mine is being designed to process 38,500 tonnes per day (tpd) of ore which, after processing, is expected to result in 2,500 tpd of zinc and 600 tpd of lead concentrate, which would be trucked to the Port of Stewart for export. Selwyn Chihong estimates the proposed mine will create approximately 1500 jobs during construction and approximately 750 during operation.	Selwyn Chihong Mining's proposed upgrade of a road to its lead-zinc mining project in Yukon's Selwyn Mountains will undergo an environmental assessment. Parks Canada has referred the 79km Howard's Pass Access Road (HPAR) to Environmental Assessment under the MVEIRB, which accepted the referral in July 2015. The HPAR was developed in the 1970s and runs from the Nahanni Range Road to the NWT-Yukon border. Passing through 2 national parks. Yukon media reported in Feb 2016 that Selwyn Chihong has decided to slow their project down due to the current low zinc prices and will not to take the project to the permitting stage this year. According to External Affairs VP Maurice Albert, SC has opted for a traditional drilling program and hopefully add another 10 years to the mine life.
Nechalacho	Avalon Advanced Materials Inc.	Rare earth metals	Proposed underground mine 100km SE of Yellowknife. Estimated mine jobs: 200. The company remains optimistic that rare earth demand will recover sufficiently to advance the project.	Media release 30 October 2019 Avalon receives final payment from Cheetah Resources for acquisition of [some of the] Nechalacho resources


Mines and promising Nunavut projects


The following table describes leading mineral development projects in Nunavut.


Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico Eagle Mine Ltd.	Gold	In operation since 2010. Produced its three millionth ounce gold in 2018. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 1,311 PYs 50km from Meadowbank mine site Amaruq project adds 7 years to mine life; commercial production achieved September 2019.	Media release 4 May 2020 Agnico Eagle announces election of directors Media release 30 April 2020 Agnico Eagle reports first quarter results, new production and unit cost guidance issued to reflect impact of COVID-19 Media release 10 April 2020 Unprecedented times, Unprecedented response: Agnico Eagle blog
Mary River Iron Mine	Baffinland Iron Mines Corporation	Iron	In operation since September 2014; Open pit mine 936 km N of Iqaluit. Mine jobs: 1,411 PYs 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 17 April 2019 Baffinland employees ratify a partnership agreement with the International Union of Operating Engineers – Local 793 Media release 16 April 2019 Baffinland supports successful technical meetings for phase 2 permitting process
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 2018: 516 PYs First gold poured in first quarter 2017 and achieved commercial production in second quarter 2017.	Media release 12 May 2020 TMAC announces Q4 2019 financial results and provides corporate updates
Meliadine Gold Mine (commercial production May 14, 2019)	Agnico Eagle Mines Ltd.	Gold	Meliadine mine declared commercial production on May 14, 2019. 25 km NE of Rankin Inlet. Estimated construction jobs: 1,000 Mine jobs: 1,099 PYs IIBA signed June 2015. Total capital cost ~\$830m, below \$900m forecast; mine life ~15 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 (by Dec 2018 figures) 3.75 million ounces of gold in proven and probable reserves (16.7 million tonnes at 6.97 g/t) and a large mineral resource.	Media release 23 October 2019 Agnico Eagle reports third quarter results
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60km from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600 Estimated mine jobs: 900 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	Media release 29 May 2020 Sabina plans Back River project re-opening Media release 19 May 2020 Sabina Gold & Silver announces C\$49 million bought deal financing Media release 12 May 2020 Sabina Gold & Silver Corp. amends text of proposed new articles for upcoming annual general and special meeting of shareholders

			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. EA complete	
Kiggavik	Orano Canada Inc.	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	25 July 2016, INAC, on behalf of responsible ministers for authorizing if Kiggavik Project should or should not proceed, accept NIRB's determination it not proceed at this time.
Chidliak	De Beers Group	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: •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, incl \$95m for access road from Iqaluit, \$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 4 July 2019 New kimberlite discoveries may add to future of Gahcho Kué Mine
Naujaat Diamond Project	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 27 February 2020 North Arrow reports exploration underway at LDG joint venture diamond project, Lac de Gras, NWT
Committee Bay Gold Project	Auryn Resources Inc. (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 20 May 2020 Auryn advances high-grade gold targeting at Committee Bay

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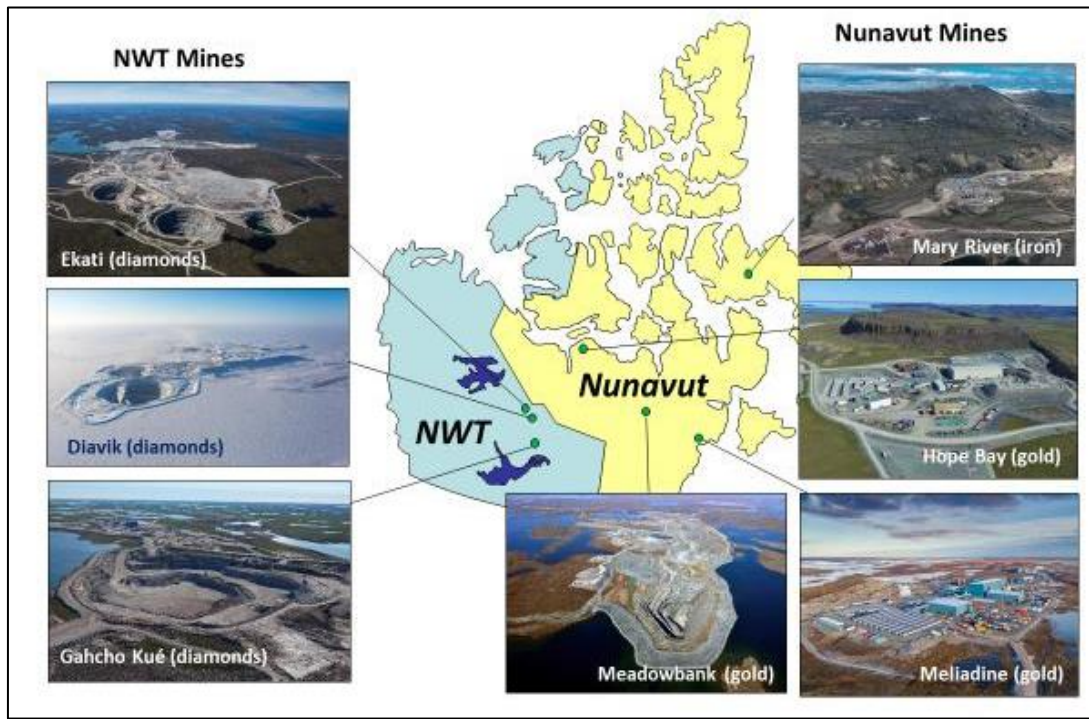
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Project maps

The northern mining industry's 7 operating mines



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