

2021 EXPLORATION UNDERWAY



03.2021



OUR ACTIVITIES

Roadheader Tele-Remote Operation
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IN THE COMMUNITY

Lhtako Dené Nation
We are excited to introduce Jon Longe, Lhtako Dené Nation Liaison, and new member of our Sustainability and External Relations Department.



EMPLOYEE SPOTLIGHT

Kevin Pinkerton, Exploration Manager, joined the BGM team in 2016 as a member of the Exploration Drilling program.

Employee Statistics



EMPLOYMENT AS OF 02/09/2021	WELLS	CARIBOO	BC	OTHER CANADA	TOTAL
BGM	25	59	47	28	159
Contractors & Consultants	16	39	70	65	190
TOTAL					349

Look for information on the Cariboo Gold Project, the EA, job postings, our newsletter and more at osiskodev.com/cariboo-gold-project.



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OUR ACTIVITIES



EXPLORATION

The BGM 2021 Exploration Program is in full swing with ten drill rigs in production. Exciting news releases from the past month have reported continued success in the program with open potential on all prospects.

In the latter part of January, the Exploration Department collaborated with a team of geotechnical experts to characterize the ground conditions underlying the QR Mine site as part of our annual reporting and compliance. The program was a success and provided further confidence that we continue to maintain safe and environmentally sustainable operations company-wide.



CARIBOO GOLD PROJECT

The Environmental Assessment Office (EAO) has a public comment period on the Cariboo Gold Project Process Order, Assessment Plan, Application Information Requirements, and Regulatory Coordination Plan documents will be open for 30 days from February 16 to March 18, 2021. All comments received by the EAO during this comment period that meet the Public Comment Policy guidelines will be considered.

TIP:

To find the documents referenced, to submit a comment, and for details on how to connect to the open houses, please visit: <https://projects.eao.gov.bc.ca>, click on "List of Projects," then search "Cariboo Gold."

COMMUNITY WORKSHOPS: Series 2

Thank you to everyone who was able to take part in the tailings, noise, and traffic workshops on February 3! Your questions and input help to make this Project a success.

For those who were unable to join us, please watch our website for recordings of these workshops to be posted. Recordings of previous workshops can also be found on our website.

Stay tuned for more workshops in the coming months. If there are topics you would be interested in seeing in future workshops, please submit them to us via the Community Feedback email at feedback@osiskodev.com.



OUR ACTIVITIES



OPERATIONS: ROADHEADER TELE-REMOTE OPERATION

The Bonanza Ledge Phase 2 operations team has successfully commissioned the Sandvik Roadheader. It will be tested during the final stage of development at Bonanza Ledge and will optimize the ramp-up period for future development at the Cow and Island Mountain sites for the Cariboo Gold Project.

the operator control the machine above ground simplifies the development process by following the drift design on a computer in real-time as the machine cuts rock. The operator can also immediately communicate with mine planners if there is a change to the drift design, import new walls and

but tele-remote operation keeps the operator completely safe from this variable underground factor.

The efficiency of the development process is enhanced through tele-remote operation as well. Several time-consuming tasks are cut out when the operator remains above ground. This also generates some cost saving opportunities such as reduced equipment and fuel needs for drift advancement. BGM will also be able to utilize the roadheader's on-board autonomous rock-bolter which will drastically increase efficiency of ground support installation.

Overall, tele-remote operation of the roadheader provides multiple safety, operational, and cost saving benefits. Once testing is underway at the Bonanza Ledge, BGM will be looking to incorporate full autonomy to roadheader development.



centerlines into the computer, and quickly continue with excavations.

Tele-remote operation also improves the overall safety of the

One great feature of the new roadheader is that it can be operated tele-remotely. This control functionality provides multiple benefits for the operator of the machine. The operator can sit comfortably in an office in Wells while the machine cuts underground. Having

development process. Advancing a drift requires moving equipment such as bolters and haul trucks, and these machines can operate safely when the roadheader operator is out of the way. Ground conditions can change, which is mitigated by ground support,

ENVIRONMENT: Winter Surface Water Sampling

One of the most common Environmental monitoring tasks is surface water sampling. We have sites that are monitored and sampled weekly, monthly, and quarterly. It is important to monitor the water quality for various components such as nutrients, metals, and ions to protect our surrounding aquatic and wildlife habitats.

As a mine, we have an environmental responsibility to monitor how we are affecting the waterways around us. Therefore, we monitor directly impacted water sources, as well as reference streams, for comparison. The results are evaluated against drinking water and aquatic life guidelines, and changes are tracked over time to ensure the mining activities are not negatively impacting water resources.



Surface water sample sites at Willow River (WR-151.5) location under the bridge in the town of Wells (at top right); and Stouts Gulch (SG-0.25) location behind Barkerville Historic Town (at right).

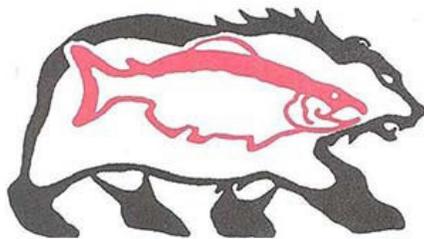


IN THE COMMUNITY



SUSTAINABLE WORKFORCE INITIATIVE

Osisko Development Corp., and its wholly owned subsidiary Barkerville Gold Mines Ltd., has launched its Sustainable Workforce Initiative. This initiative aims to positively impact local and regional labour market capacity by developing a skilled workforce through various training opportunities. Under this initiative, programs will use grant funding, partnerships with community agencies and educational and training entities to provide industry job-related skills training. The goal is that these opportunities would lead to long-term sustainable employment with BGM at the Bonanza Ledge and QR Mines and the proposed Cariboo Gold Project. Stay tuned for notices of training opportunities in the coming months.



LHTAKO DENÉ NATION

"Dahooja" (Hello/What is happening?)

We are excited to introduce Jon Longe, Lhtako Dené Nation Liaison, and new member of our Sustainability and External Relations Department. Jon has previous work experience with BGM's Environmental Department and in January transitioned into the newly created Lhtako Community Liaison position as part of the Life of Project Agreement signed between BGM and Lhtako Dené Nation in October 2020.

We look forward to hearing more from Jon about his Community, culture, and their traditions in the future.

Jon is very involved in his local community and is passionate about what the future holds for Lhtako Dené Nation. In his free time Jon enjoys spending time with family and outdoor activities such as camping, fishing, and hiking.

"Suchanailya" (Thank you!)



EMPLOYEE SPOTLIGHT: Kevin Pinkerton

Kevin Pinkerton, Exploration Manager, joined the BGM team in 2016 as a member of the Exploration Drilling program. He moved into a management role in 2019 where he has focused on strong team building and responsible mineral exploration practices. Kevin is responsible for guiding the discovery and development of gold and precious metal resources, with a focus on drill-ready targets. He feels very fortunate to work with an incredible team of collaborative technical and industrial professionals.

Kevin gained his experience on a range of mineral exploration projects, from graphite to diamonds, iron, and gold. Getting his start in southern BC, Kevin has since worked on exciting projects in Nunavut, Nevada, Alaska, Northern BC, and the NWT. Working with remote and First Nations communities has been a recurring theme in Kevin's career, and he is excited to continue working with the communities of the Cariboo as the Cariboo Gold Project moves forward.

Growing up in the West Kootenays, Kevin has always had a love for downhill and cross-country skiing and has been thrilled to explore the beautiful local winter trail system supported by the Wells and Area Trail Society.

