

Message from the President



Jay Layman President and Chief Operating Officer

2018 has been in equal parts rewarding, busy and exciting for Seabridge Gold at our Northwest BC Projects - KSM and Iskut. From issuance of technical reports validating technologies being planned for KSM to exploration success at Iron Cap to strengthening our community commitments, we were able to move our Projects forward while ensuring economic and social benefits to the region. 2019 promises to be yet another successful year. Here's a snapshot of our planned activities for the year.

Seabridge recently mobilized crews to the KSM site to: i) evaluate potential for additional gold-copper porphyry systems below the Sulphurets Thrust Fault (STF); ii) follow up high-grade epithermal gold intercepts in the area of the Sulphurets deposit; and iii) an ongoing update of the Sulphurets resource estimate where recent drilling likely expanded the deposit.

2018 KSM Project successes:

Continuing Exploration: In 2018, Seabridge Gold's exploration program at the Iron Cap deposit generated exceptional results. Consequently, Iron Cap has now become one of the best deposits, not only for its higher grade of copper but also due to its proximity to proposed infrastructure.

Independent Geotechnical Review Board: In August last year, KSM's Independent Geotechnical Review Board held its 4th annual meeting followed by the issuance of reports #2 and #3 in September. These reports were shared with Indigenous groups, local communities and other stakeholders, including the Province of British Columbia and the State of Alaska, demonstrating once again our commitment to working transparently.

Building a local workforce: To advance training and education skills of local residents, Seabridge implemented a bursary program last year, awarding a total of \$100,000 to 71 local students. This program will continue into 2019.

Engagement with communities: In the past year, Seabridge sponsored several local community events and Indigenous initiatives for a total of \$100,000 and participated in nine different community job fairs and mining conferences/forums.

We are constantly engaging with Indigenous groups, local communities in BC and regulatory officials in Southeast Alaska. Your input has helped us design a better project with minimal impacts. I would like to thank all of you for the support you have given us, without which, it would not have been possible to come this far.



2018 Iskut Project successes:

Exploration activities: We continued our exploration at the Iskut Project which saw evidence of a large copper-gold porphyry system similar to our KSM Project.

Reclamation activities: We continued with our remediation activities at the Iskut Project (former Johnny Mountain Mine). Last year, underground ventilation shafts were closed, expansion and improvement work of the drainage at the existing landfill, relocation of crushed fuel tanks to landfill, clean-up of the Mill Building and upgrades to the Johnny Mountain Mine access road were completed.

Quick facts - KSM Project

- The KSM Project is a proposed gold, copper, silver and molybdenum mine located 65 km northwest of Stewart BC.
- There are four major deposits at the KSM Project: Kerr, Sulphurets, Mitchell and Iron Cap.
- While construction has not yet started, mining methods will include open pit and underground mining.
- Received federal and provincial environmental assessment approvals in 2014.
- 5-year construction timeline and 52-year mine life.
- Estimated employment: 1,552 people during 5-year construction period and 1,407 permanent jobs during mine operations.
- Estimated reserves of 38.8M ounces of gold, 10.2B pounds of copper, 183M ounces of silver and 207M pounds of molybdenum.
- Ongoing exploration has been occurring at KSM since 2006 until today.

Quick facts - Iskut Project

- Obtained upon Seabridge's acquisition of ShipGold Corporation in June 2016.
- Includes the former gold Johnny Mountain Mine and Bronson Slope deposit, located 110 km northwest of Stewart BC.
- Activities to date include exploration of the regional claim group and remediation of the closed Johnny Mountain Mine Site.

Community engagement

Sponsorships and Donations -2009 to 2019

\$777,187



Career Fairs & Trade Shows



Cultural Events & Festivals



Science & Technology



Health, Sports & Fitness

Education Funding -2009 to 2019

\$739,900



BC Aboriginal Mine Training



Coast Mountain College



Student Bursaries

Indigenous engagement

To Seabridge, working alongside Indigenous groups during Project permitting, planning and development stages is critical to the success of all Projects. For its KSM Project, Seabridge has entered into a Comprehensive Benefits Agreement with the Nisga'a Nation and recently with the Tahltan Nation. The Project also entered into an Environmental Sustainability agreement with the Gitanyow Hereditary Chiefs Office while the Gitksan Hereditary Chiefs have endorsed the Project with a letter of support for environmental assessment approval. Some of the other collaborative initiatives undertaken to date on both KSM and Iskut are:

- In 2018, employed Indigenous personnel for 854 person days of work at the KSM Project and 403 person days of work at the Iskut Project.
- Worked with both Indigenous and local community businesses and contractors.
- Conducted KSM site tours.
- Submitted articles in Indigenous industry newsletters and community newspapers.
- Funded Traditional Knowledge/Use studies which were incorporated into the project design and environmental assessment application.
- Conducted annual environmental update meetings as well as community meetings to understand and address concerns.
- Participated, sponsored and donated towards education and training initiatives.



Benefits Agreement Signing with the Tahltan Nation, 2019

(L to R) Rob McPhee, Elizabeth Miller, Bruce Scott, Heather Hawkins, Jay Layman, Chad Day, Marie Quock, Brian Quock, Taryn Cutler



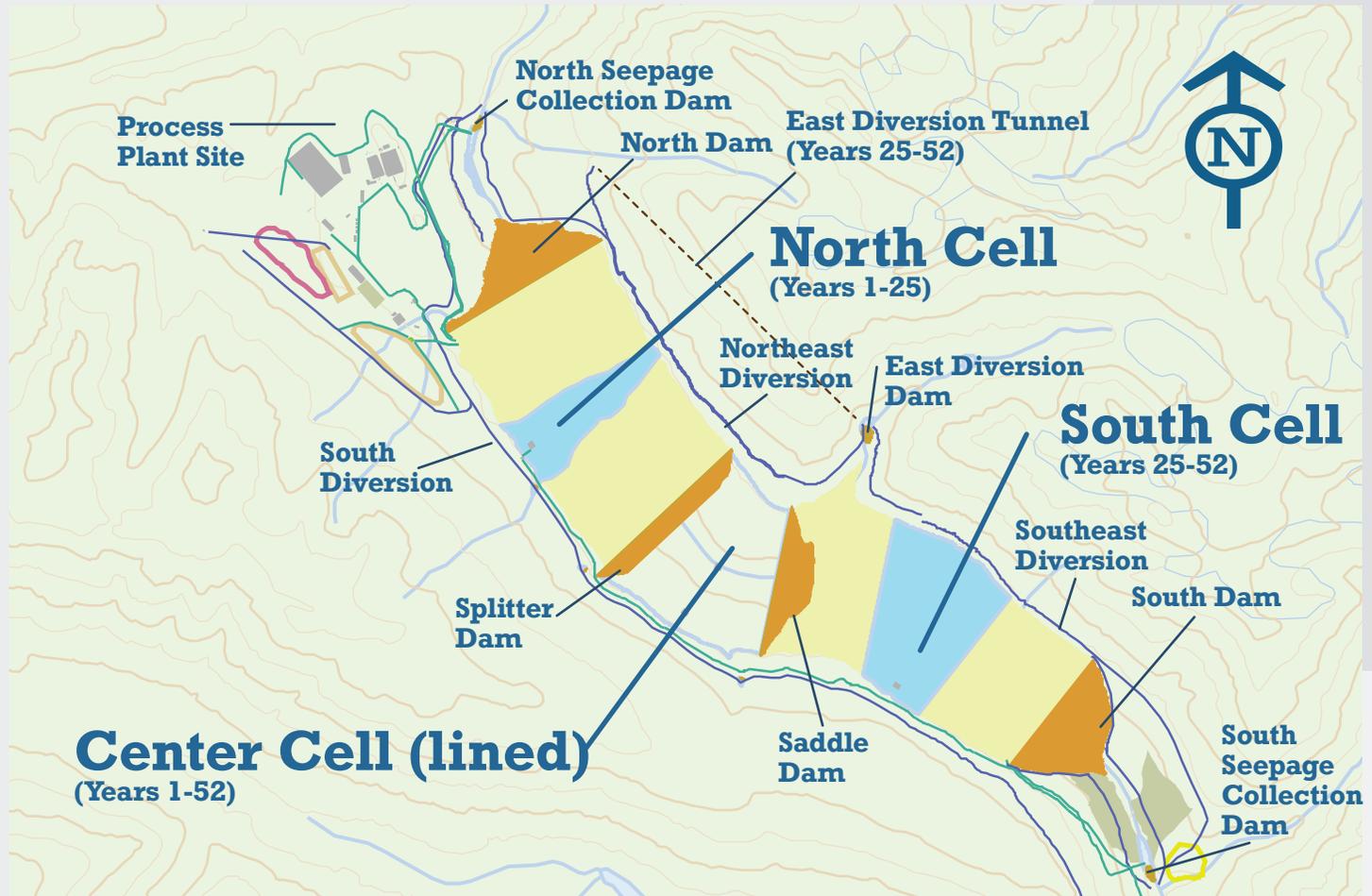
KSM Site Tours

Did you know?

Last year, forest fires raged in Tahltan territory and Seabridge reacted quickly by contributing fire fighting equipment, food and supplies to the community and the assistance of our Community Liaison, Taryn Cutler, who is of Tahltan heritage, to coordinate relief efforts for the Tahltan Nation.

KSM Project Tailings Management Facility

Engineered for Safety Through Long Term Responsible Operation and Reclamation



KSM Project's Tailings Management Facility's (TMF) design, construction and operation has been planned to meet the most rigorous applicable standards. KSM's TMF will be regulated and monitored in compliance with the Canadian Dam Safety Association (CDA), International Commission on Large Dams (ICOLD), International Council on Mining and Metals (ICMM), Mining Association of Canada (MAC), and Engineers and Geoscientists BC (EGBC), along with regular reviews by an eight-member Independent Geotechnical Review Board.

The KSM TMF is located in a gently sloping valley with dams at either end, designed to work with the shape of the valley which provides natural containment. It is situated in the Canadian Nass River watershed which drains into Canadian waters. There will be comprehensive monitoring throughout the TMF to assist in water quality protection for the receiving environment.

Quick Facts

- Permitted after an independent joint Canada / BC harmonized environmental assessment review and under the Canadian Metal and Diamond Mining Effluent Regulations, Schedule 2.
- Location selected after completing an extensive alternative assessment evaluation which examined 14 different sites. Chosen site minimizes long term environmental impacts and is the most secure site from operability and closure perspectives. Cost did not factor into the decision evaluation process.
- Dams designed by a leading engineering firm, Klohn Crippen Berger, who are responsible for many safe operating cyclone sand dam designs in BC, nationally and internationally.
- The TMF design is regularly reviewed by an independent 8-member review board comprised of world class experts in tailings management with more than 300 years combined experience. Reports available to public on KSM Website.
- An Engineer of Record will be hired and annual dam safety inspections will be performed, when constructed.
- Comprehensive dam safety reviews, as mandated by the Provincial Government, by an independent third party every five years will be performed after the facility is constructed.
- Oversight is carried out by BC Ministry of Mines, independent of Seabridge Gold.

The KSM Insider



Taryn Cutler and Kay Mackenzie

Women in mining - Seabridge Gold strives to foster an open and inclusive workplace environment and is dedicated to a diverse workforce. In Canada, where women comprise only 14%* of the labour force in the mining industry, 36% of Seabridge Gold's employees are female. Get to know some of our staff in our Smithers Office.

Taryn Cutler

Taryn Cutler, a member of the Tahltan Nation, is Seabridge's Community Liaison who works out of the Smithers office. Taryn has been with Seabridge Gold since 2011 and is the main coordinator at career fairs, business expos, mining forums, trade shows and open houses. Her background in Human Resources coupled with experience working on various aspects of mining enables her to connect with the community seamlessly. Her background and previous experiences have trained her to answer questions from community members, coordinate the majority of KSM community travel, support engineering and environmental consultants, and travel to Indigenous and non-Indigenous communities to ensure KSM Project information reaches community members. In her own words, Taryn feels "I am proud to be associated with the KSM Project as I believe in Seabridge's commitment to bring long-term benefits to northwest BC while supporting education

and providing employment opportunities to community members."

Kay Mackenzie

A Geology Honours graduate from St. Mary's University in Halifax, Kay Mackenzie moved back to Smithers, to raise her family in the community she called home all her life. With a passion for the outdoors, Kay enjoys hiking and gardening during her free time. Working as a Geologist and Database Analyst for Seabridge Gold, here's what Kay has to say about her experience - "The thing I love most about Seabridge is the quality of people with whom I work. During my time here, I have consistently witnessed how the company cares for its employees as well as the environment and communities where it operates. It feels reassuring and highly satisfactory to work for a company who shares my same values."

* Source: <https://www.nrcan.gc.ca/mining-materials/publications/16739#s5>



2018 Dease Lake Career Fair



2019 BV Health Foundation



2019 Seabridge Gold's Team at Tour de Telegraph



2019 Gitanyow Career Fair



2019 Nisga'a Nation Career Fair

Have a question or a comment?

We are always looking at ways to improve our newsletter. Please feel free to write in to us with a comment or a question.

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