

# SPONSORS LETTER

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Our mining experience spans projects of various sizes in BC, Alberta, Saskatchewan and the territories, helping clients in the copper, molybdenum, gold, silver, iron and coal sectors. Our recent work includes baseline inventory and environmental assessment, mine application review on behalf of regulators, end land use planning and advisory on reclamation efforts, water treatment and stream remediation of calcification, ice roads engineering, and effects monitoring of water quality, hydrology, hydrogeology, invasive species and species at risk. We have developed strong working relationships with local Indigenous Nations and we structure our work to incorporate Traditional Knowledge and Land Use throughout the process, helping to build relationships, local capacity, and engagement within the Industry.



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# SPONSORS

B.C.'S 43<sup>rd</sup> Annual Mine Reclamation Symposium has been generously sponsored by the following:

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# B.C.'S 43<sup>rd</sup> ANNUAL MINE RECLAMATION SYMPOSIUM



September 23, 2020  
Virtual Format



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# LETTER FROM THE CHAIR

On behalf of the BC Technical and Research Committee on Reclamation, I welcome you to the 43rd Annual Mine Reclamation Symposium.

So far 2020 has been an unprecedented year for most of us with the Covid-19 pandemic disrupting many of our usual ways to connect and network. After much deliberation, the TRCR felt that the Annual Reclamation Symposium could be something for us all to look forward to during these trying times and decided to make the shift, instead of cancelling outright, to a virtual forum. As well as allowing us to come together and maintain the momentum of annual celebration of the great work that mine reclamation practitioners in the province (and beyond) are doing, the virtual symposium allows us to welcome a broader cross-section of participants than may have been able to attend ordinarily. We are saddened that we will not be able to bring the celebration to Kimberley as planned, but are excited to try out the virtual format!

We are proud to be able to provide similar content to what we are all used to, showcasing best practices in reclamation both in our technical presentations and through mine reclamation tours, all broadcast virtually directly to you! The programming will start with our short course on landform design on September 16, followed by our main program on September 23 with presentations on all aspects of mine reclamation, our annual awards ceremony to spotlight the best and most innovate reclamation work in BC, and a keynote talk to start the day from Ms. Nalaine Morin, 2018 Women in Mining BC Aurora Award Honoree and 2018 Women in Mining Canada Indigenous Trailblazer!

I am also pleased to confirm that the Jake McDonald Mine Reclamation Award has been returned safely, and we are looking forward to saluting this year's "Jade" trophy recipient as well as category awards, Tony Milligan Book Award and scholarship recipients.

Thank you to the members of the TRCR and Aevias for putting together a unique program, and thank you to our sponsors for your support and encouragement! We are really pleased with the interest we have received in this venture!

I look forward to seeing you virtually at this year's symposium, and hope we will be able to reconnect if not mingle in person in the not-too-distant future.

Cheers!

Jennifer (Jen) McConnachie, MSc, PAg  
Chair, BC Technical and Research Committee on Reclamation

## AGENGA

TIME	ACTIVITY
8:30 AM	<b>Welcome Remarks</b>
8:40 AM	<b>Indigenous Peoples Acknowledgement</b>
8:45 AM	<b>Keynote</b> Nalaine Morin
9:15 AM	<b>Virtual Mine Tour</b>
9:30 AM	<b>Technical Session</b> High elevation and latitude bioremediation of petroleum hydrocarbons in soil at a remote mine site <i>Presented by: Jeremiah Gladu, Ray Hollenburg</i>
10:00 AM	<b>Technical Session</b> How a risk based approach was used to advance reclamation at the Rainy River Gold Mine, Ontario, Canada <i>Presented by: Andrew Baisley</i>
10:30 AM	<b>Virtual Mine Tour</b>
10:45 AM	<b>Technical Session</b> Field of dreams - a remediation story <i>Presented by: Jason Hampson</i>
11:15 AM	<b>Technical Session</b> Arsenic waste management: kinetics and mechanisms of arsenic release from arsenic trisulfide <i>Presented by: Mohamad Mirazimi</i>
11:45 AM	<b>Lunch</b>
12:10 PM	<b>Student Posters Q&amp;A</b>

## AGENGA

TIME	ACTIVITY
12:30 PM	<b>Virtual Happy Hour and Game</b>
1:00 PM	<b>Virtual Mine Tour</b>
1:15 PM	<b>Technical Session</b> Snipgold and Tahltan Central Government collaboration on reclamation of the former Johnny Mountain Mine <i>Presented by: Elizabeth Miller, Nalaine Morin</i>
1:45 PM	<b>Technical Session</b> Classification of reclaimed ecosystem characteristics using the soil moisture regime and water balance concepts <i>Presented by: Trevor Baker</i>
2:30 PM	<b>Virtual Mine Tour</b>
2:45 PM	<b>Technical Session</b> Guiding principles for successful mine reclamation in British Columbia <i>Presented by: Justin Straker</i>
3:15 PM	<b>Awards</b> Tony Milligan Book Award Student Scholarship and Acknowledgment Jake MacDonald Mine Reclamation Award
4:00 PM	<b>Closing</b>
On-Demand Viewing	<b>Technical Talk</b> Cost effective strategies for the restoration of mine sites <i>Presented by: David Polster</i>