

2024 ANNUAL METAL LEACHING / ACID ROCK DRAINAGE FIELD SCHOOL

July 29 -Aug 2, 2024
Smithers, BC



Course Description

The course objectives are to increase understanding of metal leaching and acid rock drainage by showing participants the tools, procedures, and design requirements; providing an overview of the underlying science and vocabulary; and presenting examples of best practices. A unique feature of this course is that it allows students to see firsthand how ML/ARD test work is conducted and mitigation plans are developed, and the challenges that are encountered. Much of the course time is spent touring mines in the Smithers BC area, including Newmont's Equity Silver mine, Imperial's Huckleberry mine, and Glencore's Bell mine. Students will hear from leading practitioners whose experience is the basis for much of industry-wide best practices.

Participants are shown ML/ARD from the industry, regulatory and public perspective, and see the evolution in present ML/ARD thinking and practices. As part of its closure plan in 1994, Bell was one of the first mines to conduct a comprehensive ML/ARD prediction program and is a great site to discuss the management of different mine components. Equity Silver uses flooding, soil covers and drainage treatment to prevent off-site impacts and has perhaps the best long-term monitoring record of any mine. Huckleberry was the first mine site to make comprehensive ARD prediction and prevention an integral part of the mine plan throughout its mine life.

Who should take the course?

This course is designed for anyone involved with ML/ARD and recommended to industry, regulating agencies, consulting companies, First Nations, and community groups. The knowledge provided can be used to better design and manage ML/ARD programs, ask the right questions at the right time, review results, regulate mines, conduct research, evaluate risks, and assist employees that conduct this work.

Instructors

Dr. Bill Price is the primary instructor and course organizer. Bill is the author of *Guidelines for Metal Leaching and Acid Rock Drainage at Mine Sites in British Columbia* (Price and Errington, 1998) and *Prediction Manual of Drainage Chemistry from Sulphidic Geologic Materials* (Price, 2009), documents used extensively in Canada and worldwide. Bill will contribute generic technical ML/ARD information, a regulatory perspective, and site-specific knowledge of the mines.

Cody Meints and *Mike Aziz* lead the Equity Mine tour. Cody is the Equity mine manager. Mike manages closure at a number of mines and has authored numerous papers and reports on different aspects of ML/ARD mitigation.

Marke Wong is the mine manager and will lead our tour of the Huckleberry Mine.

Karen Petersen is the mine manager and will lead our tour of the Bell Mine.

Dr. Kevin Morin is the primary instructor on ML/ARD prediction at the Bell Mine. One of Canada's foremost experts on ML/ARD, Kevin has worked as a consultant for many major mines and mining companies and has published widely on ML/ARD, including a large compendium of case studies.

Course Information

2024 Dates: July 29 – Aug 2

Location: Smithers, BC, Canada

Cost: \$1950.00 (+GST) per person

Mine Tours (subject to availability):

- Bell Mine
- Huckleberry Mine
- Equity Mine
- Duthie Mine

Departure times for the mine tours will be announced on the first day of the course.

Transportation to the mine sites will be provided.

Register today!

Seats are strictly limited, offered on a first come, first served basis with payment. Please fill out the registration form on the following page. If the course is full, please add your name to the wait list used to determine the order of registrants for future courses.

For more information contact:

Dawn Hanson

info@bvcentre.ca

Bulkley Valley Research Centre

Registration Details
2024 ANNUAL ML/ARD FIELD SCHOOL
Smithers, BC

Please fill out the registration form [here](#).

Seats are limited and offered on a first come, first serve basis, secured **with full payment** of the course fee \$2047.50 (\$1950+GST).

BV Research Centre accepts the following payment methods:

- E-transfer: send funds to finance@bvcentre.ca with your full name and *MLARD 2024* in the information section.
- PayPal: visit www.bvcentre.ca click on *News and Events*, then *Workshops and Training*. Select the MLARD course and scroll down for the PayPal button.
- Mail: send a cheque, payable to the **Bulkley Valley Research Centre**, to the address below. Canadian funds only, please. Clearly indicate who the payment is for.

Box 4274
Smithers, BC V0J 2N0
Attn: ML/ARD Field School

Cancellation Policy.

Refunds are available prior to June 12, 2024, minus a \$350.00 cancellation fee. After June 12, 2024, NO refunds will be issued unless BVCR is able to fill the spot. If the spot can be filled a refund will be given, minus a \$350 cancellation fee. There is a \$50 fee for change of name/participant for those within the same organization who wish to transfer their registration.