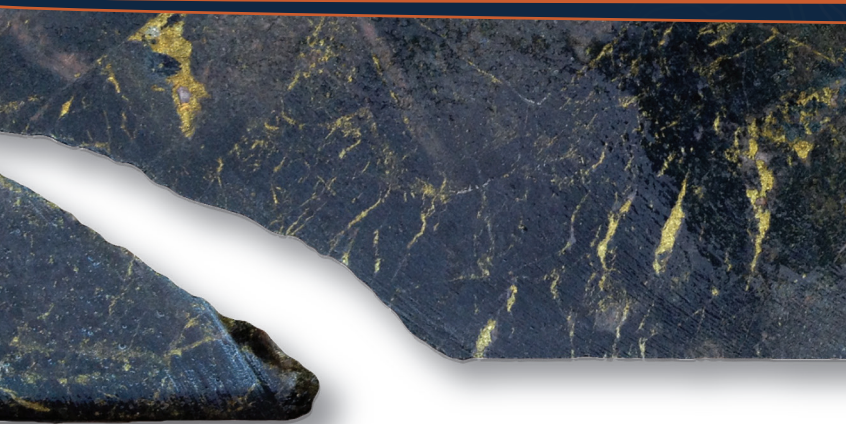


# Geometallurgy Practical Short Course



**May 22-25, 2018**  
Vancouver, BC Canada

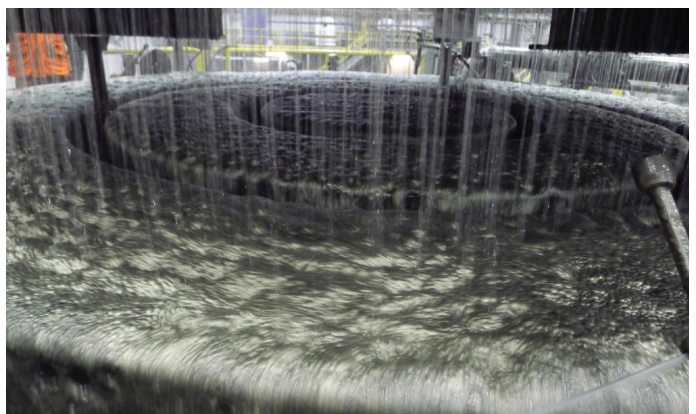
## Overview

Geometallurgy emphasizes ore deposit characterization in terms of processing effectiveness, including comminution (crushing, grinding), liberation, recovery and environmental management. Geometallurgical data must be quantitative and spatially-constrained to be incorporated into 3-D models and mine planning activities; ideally, each block in a resource model is attributed with multiple parameters and assigned a dollar value. Key outcomes of an improved geometallurgical knowledge include reduced technical risk, improved forecasting, enhanced economic optimization of mineral production, and fewer environmental concerns.



## Course Content

This four-day course comprises lectures, practical exercises, and a range of computer-based modelling exercises. The course content covers a variety of techniques to enhance information produced by geologists that is relevant to geometallurgical decision-making. The course emphasizes the use of tools to systematically collect and analyze data. Upon completion of the course, participants should be able to begin implementing geometallurgical data collection and analysis.



The course is intended for exploration and mine geologists, engineers and mineral processors. Participants should be familiar with basic office software such as Excel and PowerPoint; other specialized software will be introduced.



Registration online [mdru.ubc.ca](http://mdru.ubc.ca)

## Course Presenters

**Invited Speakers (TBA)** Select Industry experts from comminution, recovery, case studies, geostatistics, and other relevant topics

**Dr Julie Hunt** (MDRU Research Associate in Geometallurgy) has been working in geometallurgy for the past 10 years. She has over 15 years experience in mapping and mineral deposit studies and is leading research, education and training programs for geometallurgy.

**Dr Ron Berry** (Associate Professor, CODES, UTAS) has been working in geometallurgy since 2005. He has expertise in automated mineralogy, image processing and numerical methods, and is the co-developer of MIN-SQ.

*Julie A. Hunt and Ron F. Berry, 2017. Geological Contributions to Geometallurgy: A Review. Geoscience Canada, v. 44, p. 103-118. DOI <https://doi.org/10.12789/geocanj.2017.44.121>*

## Details

**Participants:** Exploration and mine geologists, engineers and mineral processors

**Course Materials:** A printed hard-copy guidebook with course lectures, practical exercises, and modelling exercises will be included.

**Course Includes:** Daily lunches, coffee/tea, refreshments

## Cost (\$CAD)

**MDRU Corporate Members**

**Non-Members**

**Students**

## Early bird/after May 1

\$1440/\$1690 + GST

\$1740/\$1990 + GST

\$540/\$690 + GST