



BRITISH COLUMBIA CHAPTER
Tunnelling Association of Canada
Association Canadienne Des Tunnels

INVITATION

Upper Ramona Hydroelectric Project – Lake Tap



Presenters: Daniel Meier, CanMine's VP & General Manager

**Date &
Time:**

Tuesday, February 11, 2020
Doors and Registration: 5:30pm
Presentation: 6:15pm

Location: Harbour View Room, Steamworks Pub
375 Water Street, Vancouver, BC.

Cost: TAC Members: \$5 at the Door
Non-Members: \$10 at the Door
Cash Only Please

RSVP: Although RSVP is not required and last minute attendees are welcome, please notify npoves@golder.com if you plan to attend.

Presentation Overview:

This talk will focus on design and excavation for the underground workings of the Upper Ramona Hydroelectric Project. Challenging terrain and topography prevented an overland option for conveying 1.1 m³/s of water from Ramona Lake to the 7 MW powerhouse. CanMine, with help from BBA Engineering and CM Rock, designed and excavated an underground solution that included 1,177 m of drill & blast tunnel, a 528 m Alimak raise, a 65 m lake tap tunnel, a tunnel plug pressure grouting program and a lake tap blast.

Speaker Bio:

Daniel Meier is CanMine's VP & General Manager and a founding partner of the 5-year-old firm. He has a B.A.Sc. Mining and Mineral Process Engineering from University of British Columbia. Mr. Meier has been in underground mining & tunneling for the past 3 decades and has been fortunate enough to be involved in various capacities with the Forrest Kerr Project, Snap Lake Mine, Eskay Creek Mine, Myra Falls Mine and Inco Manitoba Division.