

MineralsEd: Copper Mountain Mine Tour

Pro-D Field Trip, October 20 2017

Copper Mountain: the name says it all

Copper Mountain Mine near Princeton, BC has been the site of mining activity dating back to 1923. It began with underground workings and evolved into an open pit operation in 1968. After a period of closure, a new owner, Copper Mountain Mining Corporation, completed more detailed exploration, developed a new mine plan, and built new infrastructure that put the mine back into operation in 2011.

Copper Mountain Mine is a modern operation that uses huge equipment and traditional open pit mining methods to deliver some 35,000 tonnes of ore to the mill each day. In 2016 the mine produced 83 million lbs copper, 30,800 oz. gold and 291,900 oz. silver.

The mine employs 400 people who come mostly from Princeton and the surrounding area. The workforce is diverse and includes equipment operators, all types of trades, scientists, engineers, and technologists as well as accounting, HR, communications and logistics specialists.

The tour will include pit operations, the machine shop, the mill, and reclamation activities. It will be a great opportunity to learn about the mining process from the people who work in operations.



Details:

Coach transportation from Vancouver and points east is provided.

Depart: Vancouver PNE Park & Ride, Hastings & Windermere **6:00am**

Pick-up 1 Langley (Colossus Langley Cinemas parking lot) **6:40am**

Pick-up 2 Abbotsford (Whatcom Rd & Hwy 1) **7: 10 am**

Pick-up 3: Princeton Chevron station (~**9:30 am**)

Return: PNE (Vancouver) 7:00 pm (earlier for Abbotsford & Langley)

Bring your own snacks, water and lunch. The tour is largely outdoors. **Dress prepared for fall (cool, wet) weather.**

Register via Eventbrite: <https://cu-mtn-mine-tour.eventbrite.ca>

Early Registration Deadline: October 6, 2017

Numbers of registrations at this time will determine if the tour will go ahead. Registration will stay open until October 13 pending available spaces.

Cost: \$25.00

If you are teaching a mining unit, Earth Science, Geology, Geography or are a Career Educator, this field trip is an excellent opportunity to learn about the mining process and economic factors that make a mine.

Did you know...?

Humans have made things from copper for 10,000 years.

Pure copper conducts electricity without making heat, thus it use for electrical wire in every modern building, household appliances and electronics.

Copper metal and zinc metal are combined to create the metal alloy, brass. The copper in brass kills germs making brass is a great material for hospitals and public places.