



## **Pretium Exploration-Mineral Exploration Research Centre (MERC) Post Doctoral Fellow**

Term: One year, renewable for two years

Start date: June 2018

Pretium Exploration is expanding its exploration program to include volcanogenic massive sulfide (VMS) deposits within Jurassic arc volcanic rocks of the Upper Hazelton Group, which hosts the past-producing, gold-rich, Eskay Creek VMS deposit (3.3Mt, 45 g/t Au, 2,224 g/t Ag) located 25 km northwest of Pretium's new Brucejack gold mine.

The Pretium Exploration – MERC PDF will be an integral member of Pretium's exploration team and will be responsible for reconstructing the volcanic, tectonic and mineralization history of the Jurassic volcanic arc and its subsequent accretion. Integral to this research is the construction of volcanic architecture models that will assist Pretium to develop VMS targets on their 12,000-km<sup>2</sup> Bowser property located 50 km north of Stewart BC, within the Stikine terrane. Opportunities to investigate the complete Hazelton arc stratigraphy and relationship to the Brucejack epithermal and porphyry ore systems will depend upon results.

The successful candidate will have a strong background in submarine volcanic processes and deposits (textures, structures, facies analysis) and geochemistry. Knowledge of VMS ore systems is essential and experience in structural mapping and in mountainous terrains is an asset.

Preferably, the position will be based at Pretium Exploration's office in Vancouver, where the candidate will be embedded within the Pretium team for 8-10 months each year, including 3-4 months of fieldwork each summer. Salary range is \$80-\$90K per year, depending on experience, and will include benefits.

Pretium is ramping up production of its, 100% owned, high-grade, Brucejack gold mine (15.6 Mt, 16.1 g/t Au, 11.7 g/t Ag proven and probable reserves). The mine began commercial operation in the summer of 2017 and produced 230,000 ounces of gold during the first nine months of ramp-up.

MERC is a global leader in mineral exploration research and is the lead organization for Laurentian University's Metal Earth, a \$104M project that seeks to identify and understand the processes responsible for Earth's differential metal endowment. Metal Earth aims to transform our understanding of Earth's early evolution and how we explore for metals.

Laurentian University is an equal opportunity employer and is strongly committed to employment equity and diversity within its community. Laurentian University welcomes and encourages applications from members of visible minorities, women, Aboriginal persons, members of sexual minorities and persons with disabilities. All qualified candidates are encouraged to apply.

Applications, which must include a letter of interest, an up to date CV, and the names and contact information for 3 references, should be directed to Chantal Duval ([cduval@laurentian.ca](mailto:cduval@laurentian.ca)). Additional information pertaining to this PDF opportunity and Pretium can be found at [merc.laurentian.ca](http://merc.laurentian.ca) and [Pretium.com](http://Pretium.com).