



Research Opportunities with MDRU

Research Associates – Regional Geology & Metallogeny

MDRU-Mineral Deposit Research Unit at The University of British Columbia in Vancouver, Canada, is seeking Research Geologists with expertise in Regional Geology and Metallogeny to develop and lead new regional geological mapping and data integration projects with industry and government collaborators.

These projects will acquire, integrate, analyze, and interpret large geoscience datasets with the goal of producing new geological frameworks and derivative map and data products for complex regions of the North American cordillera and the Andes. The Researcher(s) will have skills related to the compilation and integration of a wide range of datasets including new and existing geology, regional geochemistry and geophysics. The Researcher(s) will also undertake regional field mapping (with supporting geochemistry and geochronology), to generate new understandings of the geological controls on mineral deposits.

Essential skills for this position include:

- experience in regional geological mapping—including field mapping—at a range of scales;
- hands-on experience interpreting and extracting information from regional potential field geophysical datasets;
- experience interpreting regional geochemical datasets;
- proficiency with technologies and software that support data compilation, integration, interpretation and production, such as GIS platforms (ArcGIS10.x[®] or similar), 3D mapping tools such as GOCAD[®] Leapfrog[®], GeoModeller, or Move™ is desirable;
- expertise in a particular geologic discipline, such as structure, petrology, mineral deposits, geochronology, etc.;
- effective technical writing, graphics production, and verbal and written communication;
- a track record of collaboration, collegiality and timely completion.

The successful candidate will have a high level of understanding of Cordilleran geology, normally acquired with >3 years of experience in a geological survey or academic setting. Spanish language skills may be essential for some opportunities.

This position will be hired at a UBC Research Associate level; a PhD is desirable but not essential. The length of this position is dependent on project success. Salary is commensurate with experience, and includes the UBC benefit package. Please apply by sending a one-page cover letter, CV, Google Scholar profile link, and pdfs of previously completed maps to Dr. Craig Hart, MDRU Director, at chart@eos.ubc.ca. Applications will be considered until appropriate candidates are vested.

MDRU-Mineral Deposit Research Unit is an internationally-recognized industry-sponsored research group based at The University of British Columbia who are dedicated to reducing risk and solving mineral exploration problems by providing research, education and industry training. <http://www.mdru.ubc.ca/>

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities. Canadians and permanent residents of Canada will be given priority. V2017.01.13