



Mineral Exploration Research Centre  
AT THE HARQUAIL SCHOOL OF EARTH SCIENCES

## Mineral Exploration Research Centre (MERC), Harquail School of Earth Sciences, Laurentian University

Laurentian University is a recognized leader in mineral exploration research and is among the top Canadian universities in research funding for Economic Geology and in Applied Geophysics from the Natural Sciences and Engineering Research Council (NSERC).

With CAD \$104 million in funding provided by the Canada First Research Excellence Fund (CFREF) and through strategic partnerships with 5 Canadian universities, 6 government geological surveys and 3 international research centres, Laurentian University will conduct Metal Earth - the largest ever mineral exploration research project undertaken in Canada. Metal Earth seeks to identify and understand the processes responsible for Earth's differential metal endowment during the Precambrian. This research initiative aims to transform our understanding of Earth's early evolution and how we explore for metals.

Metal Earth will be led by the Mineral Exploration Research Centre (MERC), at the Harquail School of Earth Sciences (HSES), that is housed in the Willet Green Miller Centre at Sudbury. MERC is a semi-autonomous research centre at Laurentian established in 1997 and comprises an internationally-recognized group of researchers from HSES, academia, industry and government.

### **PhD student in magnetotelluric studies**

Metal Earth is seeking a PhD student to participate in magnetotelluric (MT) surveys along multiple traverses. The student will participate in the planning and acquisition of the data and will be responsible for the processing, inversion and interpretation of the data. Metal Earth is a multidisciplinary project and the MT interpretation and inversion can draw on information from seismic data, geological mapping, gravity and magnetic studies, geochemical data etc. Candidates with experience or willingness to work in a large team are encouraged to apply. The research projects are fully funded for four years (\$30K/yr which includes a Laurentian Graduate Assistantship. Tuition and fees are deducted from this funding).

To apply, please forward your application and cover letter to Chantal Duval ([cduval@laurentian.ca](mailto:cduval@laurentian.ca)). The application should include: a CV including a list of publications, transcripts, contact details, and the names of three referees. The deadline for applications is February 28<sup>th</sup> 2017, but applications will be accepted until all positions have been filled.

For additional information regarding Laurentian University, MERC, and Metal Earth please visit [merc.laurentian.ca/metalearth](http://merc.laurentian.ca/metalearth).

Laurentian University is an a bilingual (French-English), tri-cultural institution, and an equal opportunity employer that is strongly committed to employment equity and diversity within its community. Laurentian University especially welcomes and encourages applications from members of visible minorities, women, Aboriginal persons, members of sexual minorities and persons with disabilities. Applicants may self-identify as a member of an employment equity group. All qualified candidates are encouraged to apply. However, Canadians and permanent residents will be considered first for these positions.