

CAREERS & RESEARCH



Job Title:	MERC MSc Graduate Opportunity – Indigenous Traditional Knowledge Applied to Geoscience
Job ID:	#2024-02
Project Description	<p>The Metal Earth project, led by the Mineral Exploration Research Centre (MERC) at Laurentian University's Harquail School of Earth Sciences requires an MSc student to investigate the use of Indigenous traditional knowledge in geoscience, particularly applied to mineral deposit exploration and research. This will be undertaken by interaction and discussion with Indigenous knowledge holders and integration with Metal Earth modern multidisciplinary datasets. The project will be supervised by Drs. Ross Sherlock and David Pearson, overseen by an advisor group.</p> <p>Indigenous students and those with experience of Indigenous communities are encouraged to apply. This position requires a BSc in Earth Sciences and is based at Harquail School of Earth Sciences Laurentian University in Sudbury.</p>
Metal Earth / MERC	<p>The Mineral Exploration Research Centre (MERC) at the Harquail School of Earth Sciences is an internationally recognized Centre for global, collaborative, field-based research on Precambrian ore systems, mineral exploration, and targeting. MERC has led Canada's Metal Earth geoscience project at Laurentian since 2016. The Metal Earth project aims to determine the processes governing differential mineral endowment and improve mineral exploration targeting. This massive international collaboration, funded primarily by the Canada First Research Excellence Fund, has solidified Canada as a world leader in mineral exploration research. The project has produced publicly available valuable data, maps, analyses, publications, and cutting-edge methods in mineral prospectivity mapping. https://merc.laurentian.ca</p>
Funding	<p>Metal Earth MSc research projects are fully funded for two years and include complete field and analytical support.</p>
Laurentian University	<p>Laurentian University is an inclusive and welcoming community that encourages applications from members of equity-seeking communities including women, racialized and Indigenous persons, persons with disabilities, and persons of all sexual orientations and gender identities/expressions. Laurentian University is committed to providing an inclusive and barrier-free experience to applicants with accessibility needs. Requests for accommodation can be made at any stage during the recruitment process.</p>
To Apply	<p>To apply, please forward your application and cover letter to merc@laurentian.ca and reference the Job Identification Number (2024-02). The application should include: a CV, academic transcripts, contact details and the names of three referees. Applications will be reviewed until a candidate is found. The start date is September 2024.</p>