

# CAREERS & RESEARCH

<b>Job Title:</b>	<b>MERC Postdoctoral Fellowship and MSc Graduate Opportunities – Macassa Mine, Kirkland Lake Ontario</b>
<b>Job ID:</b>	<b>#2024-01</b>
<b>Project Description</b>	<p>MERC in partnership with Agnico Eagle are looking for two Postdoctoral Fellows and two MSc students to undertake research projects at the Macassa mine area in the Kirkland Lake gold mining camp.</p> <p><b>PDF #1</b> will be responsible for determining the alteration footprint of the gold system within the various lithologic units of the Timiskaming assemblage.</p> <p><b>MSc #1</b> will focus on the analysis and interpretation of hyperspectral data from drill core, which is being acquired on an ongoing basis. The study will characterize the spectral signature of the primary and alteration mineralogy of the gold system and will integrate closely with PDF #1.</p> <p><b>PDF #2</b> will focus on the structural and stratigraphic controls on the mineralization in the Kirkland Lake camp. A strong field mapping background in structural geology is required as well as additional expertise in volcanology and/or clastic sedimentology.</p> <p><b>MSc #2</b> will focus on the stratigraphy and geochronology within the Timiskaming assemblage, integrating closely with PDF #2.</p> <p>This is a two year fully funded project involving extensive fieldwork in Kirkland lake with surface and subsurface mapping and relogging of drill sections across the strata hosting the gold deposits. The project will start in May 2024, or sooner.</p>
<b>MERC</b>	<p>The Mineral Exploration Research Centre (MERC) at the Harquail School of Earth Sciences at Laurentian University in Sudbury, Canada. MERC was established in 1997 and comprises an internationally recognized group of researchers from academia, industry, and government.</p> <p><a href="https://merc.laurentian.ca">https://merc.laurentian.ca</a></p>
<b>Agnico Eagle</b>	<p>Agnico Eagle Mines Limited is a Canadian-based gold producer with operations in Canada, Finland, Australia and Mexico with global exploration and development activities. Agnico Eagle owns and operates the Macassa mine, located in Kirkland Lake, Ontario, which is one of the highest gold grade mines in the world.</p>
<b>Laurentian University</b>	<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>
<b>To Apply</b>	<p>To apply, please forward your application and cover letter to <a href="mailto:merc@laurentian.ca">merc@laurentian.ca</a> and reference the Job Identification Number (2024-01). The application should include: a CV, academic transcripts (MSc applications only), contact details and the names of three referees. Review of applications will begin on February 1<sup>st</sup>, 2024, and continue until candidates are found.</p>