

In partnership with Ring of Fire Metals the Geology Department at Lakehead University is looking to recruit two MSc students to investigate the mineralized intrusions and geological history of the McFaulds Lake greenstone belt in Northern Ontario. The belt is host to the Eagle's Nest Ni-Cu-PGE deposit and world class chromite resources. The first project will characterize portions of the Eagle's Nest intrusion through a combination of lithologic, petrographic, litho-geochemical, geochronology, and isotopic methods. The second project will describe and characterize a series of poorly understood satellite intrusions within the McFaulds Lake belt to establish a footprint for the intrusions through a combination of geochemistry, geochronology and mineral chemistry.

The successful candidates will use a combination of core logging, petrology, whole rock and mineral chemistry, stable isotopes and geochronology to conduct state of the art research. The students will be expected to work closely with the industry partners at Ring of Fire Metals and may be eligible for summer employment with the company. Potential candidates will have a strong background in economic geology and should have completed an Honours degree in Geology. The successful candidates will receive a stipend of up to CAN\$22,500 per year for two years as well as a Graduate Assistantship valued at approximately \$12,000 per year. Candidates may also be eligible to apply for other competitive grants and scholarships.

The research team is led by Drs. Pete Hollings and Noah Phillips, in collaboration with Ryan Weston at Ring of Fire Metals. We are looking for enthusiastic, passionate and talented researchers to join our team to unravel the complex petrogenesis of this geologically prospective region.

The Geology Department at Lakehead is a small but dynamic department with six faculty and a strong focus on hard rock geology. The Department offers Undergraduate and Masters degrees in geology and environmental science. Courses offered by the department place a strong emphasis on 'hands-on' geology reflecting our location within the Canadian Shield.

Lakehead is a comprehensive university with a reputation for innovative programs and cutting-edge research. With campuses located in Thunder Bay and Orillia, Lakehead has approximately 10,000 students and 2,160 faculty and staff. With an emphasis on collaborative learning and independent critical thinking and a multidisciplinary teaching approach, Lakehead offers a variety of degree and diploma programs at the undergraduate, graduate, and doctoral levels through its ten faculties, including Business Administration, Education, Engineering, Health and Behavioural Sciences, Natural Resources Management, Science and Environmental Studies, Social Sciences and Humanities, Graduate Studies, the Northern Ontario School of Medicine (West Campus) and the Bora Laskin Faculty of Law. For further information, please visit: www.lakeheadu.ca.

Lakehead University is committed to creating a diverse and inclusive environment and welcomes applications from all qualified individuals including women, racialized persons, Indigenous people, persons with disabilities and other equity-seeking groups.

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