

Looking for an MSc student to study Icelandic layered intrusions

Iceland is a geological laboratory and is one of the most geologically active places on Earth, with excellent 3D exposures of volcanic and rare layered intrusive rocks, including an association of anorthosite, leucogabbro, gabbro, and pyroxenite. These intrusive rocks provide a unique opportunity to understand the formation of layered intrusions in a mantle plume setting.

We are looking for a motivated MSc student to work on the petrogenesis of ca.18 million years old anorthosite and associated leucogabbro, gabbro, and pyroxenite layers in northwestern Iceland. The student is expected to carry out petrographic, SEM, EMPA, and major and trace element analyses to constrain the origin of the Icelandic anorthosites and associated rocks. The student will be supported with a research assistantship (RA) for two years. Successful candidate is expected to start his/her study in January 2027. Minorities and Indigenous Canadians are strongly encouraged to apply for the position. The School of the Environment in the University of Windsor is home for excellent hands-on research opportunities, including national and international collaborations, for its students. Interested candidates should reach out to Professor Ali Polat (polat@uwindsor.ca) for further information.

