Centre of Excellence in Mineral Exploration and Sustainable Mining Development

Northern Ontario's dynamic mining sector has a new advocate on the horizon with the Centre of Excellence in Mineral Exploration and Sustainable Mining Development. The Centre will spearhead results-oriented research and educate highly skilled professionals to give the regional mining industry the solutions it needs to stay on top.

Resource Needs and Opportunities

Lakehead is proud of the research relationships we have formed with industry partners and our role in training geologists who find new ore deposits. Enrollment in Lakehead University's Geology Department has more than quintupled over the past decade as our students recognize the rewards of contributing to the mining and mineral exploration sector.

More than $5 billion of ore is extracted by the northern Ontario mining industry annually. Lakehead is committed to ensuring that our region is at the forefront of mining innovation and productivity.

A Centre of Excellence in Mineral Exploration and Sustainable Mining Development is the best way to achieve this vision. The Centre will collaborate with companies to carry out research in discovery, advanced exploration and development, and the environmental and social aspects of mineral extraction.

An NSERC Industrial Research Chair specializing in mineral exploration, working with a CRC Chair in Mining Remediation and Aqueous Geochemistry, will form the core of the Centre and capitalize on significant regional deposits. Lakehead faculty members and graduate students from Geology, Anthropology, Biology, Chemistry, Chemical Engineering, and Geography will offer a comprehensive knowledge base and support system. Their expertise will help to foster dialogue between industry and local communities.

Exploring Lakehead's Future

The mining sector in northern Ontario will be strengthened with the establishment of the Centre of Excellence in Mineral Exploration and Sustainable Mining Development. Opportunities for support include:

- Funding NSERC Industrial Research Chairs
- Endowing Research Chairs
- Supporting faculty and graduate student research

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