

Belcher Islands Geoscience Project

Project Summary

The Lands and Resources Department of Nunavut Tunngavik Incorporated (NTI Lands) has entered into an agreement with Dr. Norm Duke of the University of Western Ontario (UWO) in London, Ontario under NTI's University Partnership Program.

Under this agreement, Dr. Duke will provide three geology students to undertake an exploration and mapping program on Subsurface IOL parcels in the Belcher Islands. In addition, NTI Lands will hire high school students from the local region to work as geological assistants, and a couple of Inuit prospectors.

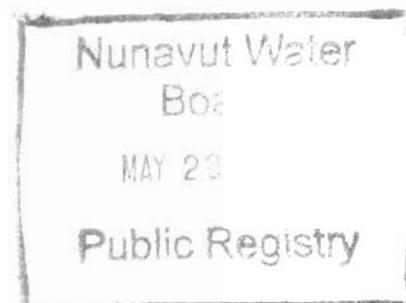
NTI Lands is also co-operating on this project with the Canada-Nunavut Geoscience Office (C-NGO), the Geological Survey of Canada (GSC) and the Canada Centre for Remote Sensing (CCRS). The C-NGO will contribute two Research Scientists to the project to map and study the copper occurrences on Tukarak Island. The GSC and CCRS are acquiring airborne and satellite remote sensing imagery of the purposes of assisting the mapping project.

The focus of the geoscience project is to do some reconnaissance of IOL Subsurface parcels on the Belcher Islands, study the mineralised showings, train the university and high school students in field methods, and add value to IOL through the work of the geoscience project. All fieldwork will be performed between the beginning of August and the middle of September. The remote sensing research will be conducted at the Ottawa offices of the GSC and CCRS.

The project is anticipated to conduct field operations during the summer months in 2003 with some follow-up sampling in 2004. It is eventually hoped that interest in geological careers will allow future projects to hire Beneficiaries as the undergraduate geology students on the program's geoscience projects.

Camp mobilisation and demobilisation will be conducted using locally hired boats. Grocery re-supply will be by boat. Traverse support will be in the form of set-outs and pickups using an inflatable motor boat. Main transportation will be by foot traverse.

Sampling methods will consist of taking rock and soil samples using non-mechanical means. The primary tools will be hand-held sledgehammers, cold chisels and prospectors' mattocks. All soil sample sites will have the soil pit refilled after the sample has been taken.



Study Areas

NTS 33M – Snape Island

- IOL Parcel: SQ-05

NTS 34D – Tukarak Island

- IOL Parcels: SQ-01, SQ-03, SQ-04, SQ-05 and SQ-06

NTS 43P – Part of 33M (Snape Island)

- IOL Parcel: SQ-05

NTS 44A – Part of 34D (Tukarak Island)

- IOL Parcel: SQ-05

