

29 Avr 2015 9:05

INRS QUEBEC

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Dear Phyllis,

This project aims to reconstruct the Canadian High Arctic climate of the past by the analysis of annual laminations (varves) from lake sediments. The purpose of this field season is to conduct a stratigraphy survey of sediment layers. An inflatable boat will be used on the lake in order to measure sediment thickness and architecture with an acoustic device called "CHIRP". In parallel to the stratigraphic measurements, a bathymetric survey will be carried out. A temporary camp will be erected for the duration of the work. During the field season, two means of transportation will be used: airplane to reach the field locations and an ATV for ground transportation. No hazardous material is brought in the field and we will bring everything back to Resolute Bay. Instrumental data will be analyzed in our respective universities.

We will only need ~0.07 cubic meter for the period August 2<sup>nd</sup> until August 9<sup>th</sup>. We would be thus grateful in having your approval for the use of water and waste deposit without a licence.

Best regard,

Professeur Pierre Francus

