

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 006 21R-M

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AFFILIATION: Polar Knowledge Canada

TITLE: Permafrost Dynamics in Response to Climate Change on Victoria Island, Nunavut

OBJECTIVES OF RESEARCH:

Permafrost (frozen ground) is very vulnerable to rapid changes in climate and has the potential to affect many aspects of life for the people that live there. However, very little information exists on the permafrost conditions in the Central Canadian Arctic. The objective of the project is to gather baseline information on the current permafrost conditions in this part of the Arctic. As a first step, our fieldwork activities will focus on the Cambridge Bay area. This project has three specific objectives: (1) Characterize the permafrost conditions; (2) Monitor changes in permafrost landscapes; (3) Assess the impacts of permafrost disturbances on the ecosystems.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and the Department of Culture & Heritage archaeological sites terms and conditions. The license holder will abide by all special public health protection measures imposed by Nunavut's Chief Medical Officer of Health in response to the Covid-19 Pandemic, including restrictions on non-essential travel to Nunavut. These terms and conditions will form part of this licence.

DATA COLLECTION IN NU:

DATES: May 01, 2021-October 31, 2021

LOCATION: Victoria Island

Scientific Research License 04 006 21R-M expires on December 31, 2021

Issued at Iqaluit, NU on March 08, 2021



Mary Ellen Thomas
Science Advisor

