

# Nunavummi Qaujsaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

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TITLE: Climate - Terrestrial Biodiversity Investigation in Tundra Vegetation along an Arctic Longitudinal Gradient

### OBJECTIVES OF RESEARCH:

This summer, our team would like to conduct field studies of plants, soil, and lake or pond sediments. Our main objective is to clarify the biodiversity of tundra vegetation, microorganisms living in the soil and sediments (solid substances) that settle at the bottom of a tundra lake and/or pond. In addition, we also would like to clarify relationships between the diversity of plants, microorganisms and environmental factors such as climate condition, carbon and nitrogen content.

### 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. These terms and conditions will form part of this licence.


### DATA COLLECTION IN NU:

DATES: August 15, 2018-September 16, 2018

LOCATION: Cambridge Bay

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for   
Mary Ellen Thomas  
Science Advisor

