

# Nunavummi Qaujsaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 020 15R-M

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TITLE: An investigation of the sensitivity of high Arctic permafrost to climate change

### OBJECTIVES OF RESEARCH:

The information collected in this study will improve our general understanding about climate and permafrost as well as help to predict how the land will respond as climates warm. This study also contributes new information about high Arctic permafrost and ground ice conditions, the sensitivity of high arctic permafrost to climate change and background data upon which landscape changes can be documented. Another component of this project looks at long-term changes in high Arctic landscapes by looking at how rock surfaces are being weathered and eroded. This research will help northern understand how landscapes are changing and will change in the future.

### TERMS & CONDITIONS:

The holder of this licence will be bound by the terms and conditions from 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: June 20, 2015-July 15, 2015

LOCATION: Ellesmere Island, Axel Heiberg Island

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Mary Ellen Thomas  
Science Advisor

