

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 023 18R-M

ISSUED TO: Wayne Pollard
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AFFILIATION: McGill University

TITLE: An Investigation of the Sensitivity of High Arctic Permafrost to Climate Change

OBJECTIVES OF RESEARCH:

This is the last year of a long-term project that examines how global warming, in particular warmer summer temperatures, is affecting the stability of high Arctic permafrost conditions, landscapes and infrastructure. There are 4 main aims: (1) to identify and measure changes in different landscapes (e.g. tundra, polar desert, wet lands, shorelines), (2) to assess local climate variability, (3) to evaluate the nature and extent of ground ice in permafrost and its vulnerability to climate change, (4) to determine the amount and rate of landscape change caused by warming and melting permafrost (thermokarst).

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 per the Department of Culture & Heritage Archeological Sites terms and conditions. These terms and conditions will form part of this licence

DATA COLLECTION IN NU:

DATES: July 01, 2018-August 30, 2018

LOCATION: Ellesmere Island, Axel Heiberg Island

Scientific Research License 02 023 18R-M expires on December 31, 2018

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Mary Ellen Thomas
Science Advisor

