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# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 043 15N-M

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B2Y 4A2 Canada

TEAM MEMBERS: E. Kenchington, D.Mate, R. Bennett

AFFILIATION: Natural Resources Canada

TITLE: Geology Research in Baffin Bay.

### OBJECTIVES OF RESEARCH:

The major goals of this proposed research for 2015 would be: To investigate the stability of the seabed in the region. New imagery of the seabed shows that submarine landslides have occurred in several locations. Baffin Bay experiences a number of earthquakes which are often the main trigger for submarine landslides. Our research will help to determine the risk for a large submarine landslide happening in the future. To investigate natural leakage of buried oil and gas deposits at the seabed. Oil and gas can leak out of the seabed through natural processes. This is occurring off Baffin Island near Scott Inlet and possibly in other locations.

### TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (13YN021) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

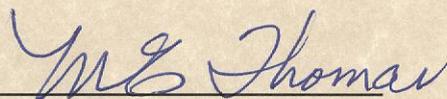
### DATA COLLECTION IN NU:

DATES: August 13, 2015-September 17, 2015

LOCATION: Baffin Bay, Davis Strait, Frobisher Bay

Scientific Research License 02 043 15N-M expires on December 31, 2015

Issued at Iqaluit, NU on August 10, 2015



Mary Ellen Thomas  
Science Advisor

