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# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 074 10R-M

**ISSUED TO:**

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**TEAM MEMBERS:**

S. Lamoureux, M. Lafreniere, P. Treitz, N. Scott, T. Lewis, A. Collingwood, L. Bosquet, H. Dugan, K. Chutko, F. Gregory, M. Simpson, A. Simpson, D. Muir, E. Humphreys, P. Lafleur, V. St. Louis, G. Henry, P. Francus

**AFFILIATION:**

Queen's University

**TITLE:** Landscape processes at Cape Bounty, Melville Island and North Lake, Cornwallis Island

**OBJECTIVES OF RESEARCH:**

Our work is intended to develop a long record of past weather and river conditions using lake sediments and to determine the amount of carbon stored and released from the watershed by plants and erosion. Our work will involve obtaining sediment and water samples from the lakes and streams at Cape Bounty. We have chosen these lakes because the rivers appear to supply abundant sediment and deep lakes are needed to preserve the sediments for our research. We have been doing this work since 2003 and hope to continue for several years.

**TERMS & CONDITIONS:**

The holder of the licence will be bound by the terms and conditions from the Nunavut Impact Review Board Screening decision report and the Department of Culture, Language, Elders and Youth Archeological sites terms and conditions.

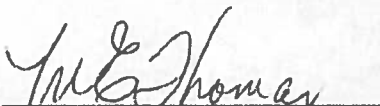
**DATA COLLECTION IN NU:**

**DATES:** February 01, 2009-December 31, 2011

**LOCATION:** Melville Island, North Lake

Scientific Research License 02 074 10R-M expires on December 31, 2010

Issued at Iqaluit, NU on April 13, 2010

  
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Mary Ellen Thomas  
Science Advisor



