

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 026 14N-A

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AFFILIATION: University of Cambridge

TITLE: Airborne Geophysical Investigations of conditions at the bed of fast-flowing outlet
glaciers of large Canadian Arctic Ice caps

OBJECTIVES OF RESEARCH:

The purpose of this project is to gather data about the conditions underneath and around the glaciers flowing out of large islands of the Canadian Arctic in order to model and understand the actions of these glaciers now and in the future. These glaciers are important for understanding the ice caps of the islands and how the the ice caps are changing. Types of information to be gathered about the glaciers are: the thickness of the ice, the nature of the sediment and/or rock under the ice, the amount of melt water there is in channels or sheets. This information will be used to improve the computer models of the islands icecaps.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and consitions of the Nunavut Impact Review Board Screening Decision Report and 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: April 21, 2014-May 31, 2014

LOCATION: Ellesmere Island, Devon Island, Axel Heiberg Islands

Scientific Research License 02 026 14N-A expires on December 31, 2014

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for Mary Ellen Thomas
Science Advisor

