
Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 007 13R-M

ISSUED TO: Wayne Pollard
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TEAM MEMBERS: W. Pollard, C.Omelon, M.Ward, A.Davila, D.Andersen, M.Ecclestone
and 1 student field assistant.

AFFILIATION: McGill University

TITLE: Permafrost Hydrology and Environmental Significance of Perennial Springs in the
Expedition Fiord Area, Axel Heiberg Island

OBJECTIVES OF RESEARCH:

My research on the cold perennial springs on Axel Heiberg Island in the Canadian high Arctic has lead to a better understanding about the unique nature of saline groundwater in permafrost. This is an ongoing study concerned with the technical analysis of several aspects of spring hydrology and geomorphology. The aims of this research are to determine the origin of perennial spring flow, to understand and explain processes related to the interaction between groundwater and permafrost, and to describe the microbial communities associated with springs, lakes and permafrost.

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, Language, Elders and Youth archeological sites terms and conditions. These terms and conditions will form part of this licence.

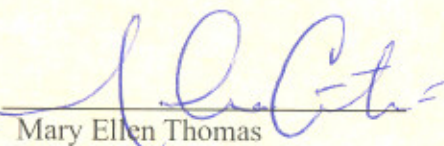
DATA COLLECTION IN NU:

DATES: April 01, 2013-July 30, 2013

LOCATION: Axel Heiberg Island

Scientific Research License 02 007 13R-M expires on December 31, 2013

Issued at Iqaluit, NU on January 17, 2013

for 
Mary Ellen Thomas
Science Advisor

