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# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 040 14N-M

ISSUED TO: Galen Halverson  
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McGill University, 3450 University Street  
Montreal, QC  
H3A 0E8 Canada

TEAM MEMBERS: P. Crockford, M. Kunzmann, T. Gibson, S. Worndle, M. Hodgkiss,  
N. Planavski

AFFILIATION: McGill University

TITLE: Tracking Paleoenvironmental Change in the latest Mesoproterozoic (ca. 1.1 billion years old) Bylot Supergroup, Baffin Island.

### OBJECTIVES OF RESEARCH:

This project will entail studying the superbly exposed and well preserved sedimentary rocks of the Borden Basin in Northern Baffin Island. The goal for this year is to establish three camps in different parts of the basin at which we will carry out geological mapping, describe and log the rocks, and to collect hand specimens for geochemical analysis. The purpose of this research is to study changes in the global environment around one billion years ago, when these rocks of the Borden Basin were formed.


### TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report 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: July 26, 2014-August 30, 2014  
LOCATION: Anmaat Mt, Alpha River, Shale Valley

Scientific Research License 02 040 14N-M expires on December 31, 2014  
Issued at Iqaluit, NU on June 03, 2014

  
Mary Ellen Thomas  
Science Advisor

