

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 118 11R-M

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TITLE: Architecture, evolution and metallogeny of Mesoproterozoic sedimentary basins of the eastern Canadian Arctic Islands

OBJECTIVES OF RESEARCH:

The project will focus on limestone/ dolostone (known to contain Zn-Pb±Cu±Ag deposits on northern Baffin Island) and sandstone/ conglomerate (potential U hosts) in three Mesoproterozoic (1.6 to 1.0 billion years ago) sedimentary basins of northern Nunavut. This project will make major contributions in three areas: 1. defining the economic prospectivity of the Mesoproterozoic basins of northeastern Nunavut by identifying features that may have contributed to concentrating metals; 2. contributing to the international literature on the nature of early Earth's oceans and biotas, prior to the advent of multicellular life or life on land; and 3. reconstructing the structural, stratigraphic and sedimentological configuration of three basins that are presumed to have been parts of a low-latitude continental margin about 1.2 billion years ago.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (09YN014) and the Department of Culture, Language, Elders and Youth archeological sites terms and conditions. These terms and conditions will form part of this licence.

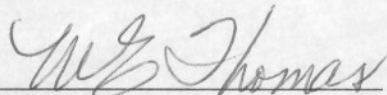
DATA COLLECTION IN NU:

DATES: June 15, 2011-August 15, 2011

LOCATION: Adams Sound, Society Cliffs, Fleming Inlet, Paquet Bay

Scientific Research License 02 118 11R-M expires on December 31, 2011

Issued at Iqaluit, NU on May 10, 2011



Mary Ellen Thomas
Science Advisor

