

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 021 19R-M

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TITLE: Periglacial and Paleoglacial Investigation of the Houghton Impact Structure and Surrounding Terrains, Devon Island, Nunavut

OBJECTIVES OF RESEARCH:

The objective of this project is to investigate the periglacial landscapes in and near the Houghton Impact Structure, within a comparative planetary framework. Glacier valleys, ground ice patterned ground, polygons and gullies will be studied using airborne and satellite images, sampled in the field and analyzed in a laboratory. Water (ice), when buried or underground, is an important paleo-indicator which could help clarify postglacial periglacial dynamics in arid and cold environments, either in the Arctic or on Mars.

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 17, 2019-July 31, 2019

LOCATION: Devon Island

Scientific Research License 02 021 19R-M expires on December 31, 2019

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Mary Ellen Thomas
Science Advisor

