

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 02 035 24R-M

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TITLE: Periglacial Geomorphology and Ground Ice Investigation in the Houghton Impact Structure Area,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 (10YN030) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence. These terms and conditions will form part of this license.

DATA COLLECTION IN NU:

DATES: July 19,2024 to August 3,2024
LOCATION: Devon Island

Scientific Research License 02 035 24R-M expires on December 31,2024
Issued at Iqaluit, NU on June 4,2024

Mosha Cote
Science Administration
Officer

