

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 02 029 22R-M

ISSUED TO: Christopher Omelon
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TEAM MEMBERS:

TITLE: Impacts of Climate Change on Permafrost Ice, and Hydrology in the Canadian High Arctic.

OBJECTIVES OF RESEARCH:

The primary purpose of this project is to conduct scientific research on the impact of climate change on polar landscapes with a focus on permafrost, ground ice, glaciers and groundwater. This research is observational in nature and involves topographic dGPS surveys, shallow permafrost GPR surveys, ground and air temperature measurements, as well as assessments of ground ice, vegetation, glacier ice, and groundwater activity. The primary study area is Expedition Fiord on Axel Heiberg Island (79°25'N; 90°43'W), with secondary study sites on Axel Heiberg Island at Strand Fiord and Whitsunday Bay.

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. These terms and conditions will form part of this licence.

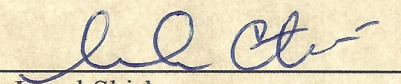
DATA COLLECTION IN NU:

DATES: April 20,2022 to August 20,2022

LOCATION: Axel Heiberg Island

Scientific Research License 02 029 22R-M expires on December 31,2022

Issued at Iqaluit, NU on April 21,2022

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Jamal Shirley
Science Advisor

