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LICENSE NUMBER 04 011 25R-M

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TITLE: Atmospheric Sciences and Terrestrial Ecosystem Studies in Victoria Island

OBJECTIVES OF RESEARCH:

Climate change will affect our lives not only in the Arctic region but also around the globe. The Arctic ecosystem is particularly sensitive to climate change. Moreover, greenhouse gases release from the enormous reservoir of soil carbon in permafrost into the atmosphere could have a profound effect on the global climate. Thus, we aim to understand 1) how much greenhouse gas is exchanged between the atmosphere and permafrost and 2) how terrestrial ecosystem structure and processes change under the future climate scenarios.

TERMS & CONDITIONS:
The holder of the license will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (NIRB File # 12YN024) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this license.

DATA COLLECTION IN NU:
DATES: June 1,2025 to October 31,2025
LOCATION: Cambridge Bay, Grenier Lake

Scientific Research License 04 011 25R-M expires on December 31,2025
Issued at Iqaluit, NU on March 7,2025

James Shirley
Science Advisor

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