

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 005 26R-M

ISSUED TO: Stephanie Coulombe
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TEAM MEMBERS: Please see other attached for complete list of research personnel

TITLE: Permafrost and Landscape Change in Southern Victoria Island, Nunavut.

OBJECTIVES OF RESEARCH:

This project aims to better understand how permafrost is changing in and around the community of Cambridge Bay and southern Victoria Island. The research combines short-term investigations with the establishment of a long-term monitoring program based on repeated annual measurements. By characterizing permafrost conditions, documenting landscape change, and assessing the impacts of permafrost disturbances on aquatic and coastal systems, the project aims to develop a continuous dataset to support understanding of long-term trends in permafrost degradation, lake evolution, and coastal stability. In 2026, the project will continue using the same field methods and study sites as in previous years and will maintain strong collaboration with local community members. The research will focus on the same main questions, while adding new measurements to improve environmental monitoring and better capture changes over time. This approach will support a clearer understanding of long-term changes in permafrost, lakes, and coastal environments.

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 # 18YN020) 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: January ,20 2026 to December 31,2026

LOCATION: Victoria Island

Scientific Research License 04 005 26R-M expires on December 31,2026

Issued at Iqaluit, NU on Janaury 20,2026


James Shirley
Science Advisor

