

SCIENTIFIC RESEARCH LICENSE

LICENSE # 01 052 26N-M

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TITLE: Collection and Growth Monitoring of Sclerochronological Organisms to Understand
Hydro-Ecological Changes in Baffin Bay

OBJECTIVES OF RESEARCH:

The goals of this research project are to obtain a long-term understanding of sea ice cover variability and related changes to phytoplankton dynamics on the coasts of Baffin Bay. The project involves the collection of clams and coralline red algae near Qikiqtarjuaq and the installation of a small-scale coralline red algae growth conditions monitoring site. Field activities involve small watercraft-facilitated surveys with a drop-down camera, SCUBA diving, and SCUBA-assisted installation of a small coralline algae growth monitoring site made of acrylic plates with environmental sensors with cemented coralline red algae. Collection methods are simple involving removal by hand or assisted with hammer and chisel and transport back to boat with hand-held net. Over the next three years, clam shells and coralline algae will be analysed at Laval University in Québec City.

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 # 26YN043) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this license.

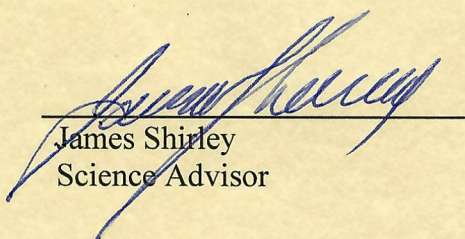
DATA COLLECTION IN NU:

DATES: September 01, 2026-December 31, 2026

LOCATION: Qikiqtarjuaq

Scientific Research License 01 052 26N-M expires on December 31, 2026

Issued at Iqaluit, NU on September 01, 2026


James Shirley
Science Advisor

