

SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 028 26R-M

ISSUED TO: Stephanie Coulombe
Polar Knowledge Canada
1 Uvajuq Road
Cambridge Bay, NU
X0B 0C0 Canada

TEAM MEMBERS: Please see other attached for complete list of research personnel

AFFILIATION: Polar Knowledge Canada

TITLE: Coastal Hazard Assessment in Kugluktuk and Grise Fiord (Ajuittuq), Nunavut.

OBJECTIVES OF RESEARCH:

This project focuses on coastal and environmental changes identified as priorities by the Nunavut communities of Ausuittuq (Grise Fiord) and Kugluktuk. In Ausuittuq, concerns revolve around storm impacts and coastal flooding, while in Kugluktuk, erosion near the Coppermine River Delta presents increasing challenges for infrastructure, cultural sites, and community safety. The project brings together local research partners and scientists from several universities to study and monitor environmental conditions in both communities. Research activities concentrate on coastal erosion and flooding, permafrost conditions, ocean processes, and related environmental risks. The project includes fourteen specific objectives, organized into four main themes: (1) supporting community adaptation to coastal change; (2) studying coastal and permafrost conditions; (3) studying ocean physics, geochemistry, and marine ecosystems; and (4) assessing risks associated with rockslides. Field campaigns are scheduled for May and later in August. Most field approaches, activities, and sampling methods will remain consistent with previous years.

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 # 21YN021) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this license.

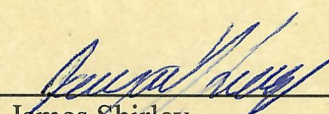
DATA COLLECTION IN NU:

DATES: May 21, 2026-December 31, 2026

LOCATION: Kugluktuk, Grise Fiord

Scientific Research License 04 028 26R-M expires on December 31, 2026

Issued at Iqaluit, NU on May 21, 2026


James Shirley
Science Advisor

