

SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 028 26N-M

ISSUED TO: Rod Smith
Geological Survey of Canada
Natural Resources Canada
3303-33 Street NW
Calgary, Alberta, T2L 2A7 Canada

TEAM MEMBERS: H.B.O'Neill, G.Manson, A.Normandeau

AFFILIATION: Natural Resources Canada

TITLE: Gascoyne Inlet Geoscience Project

OBJECTIVES OF RESEARCH:

The proposed research aims to generate an integrated understanding of the marine, coastal, and terrestrial geological environments surrounding the Gascoyne Inlet Camp (GIC) to support safe operations, infrastructure planning, and long-term environmental monitoring for Defence Research and Development Canada (DRDC). In the short term, the project seeks to establish improved knowledge of seabed composition, coastal and sediment dynamics, surficial geology and permafrost conditions, and natural underwater acoustic noise in the region. Over the longer term, the research will contribute to improved Arctic domain awareness, enhanced detection and interpretation of underwater acoustic signals, and strengthened resilience of northern infrastructure by distinguishing natural geological processes from anthropogenic features and hazards. This work is motivated by DRDC's need for accurate, high-resolution environmental information to support operational readiness in Arctic waters, and by the Geological Survey of Canada's (GSC) ongoing efforts to document the geological framework and environmental processes shaping Nunavut's coastal and nearshore regions.

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 # 26YN040) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

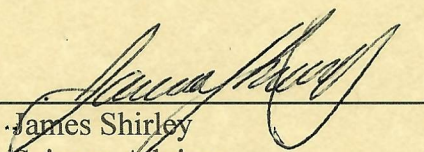
DATA COLLECTION IN NU:

DATES: July 15, 2026-September 30, 2026

LOCATION: Gascoyne Inlet, Beechey Island

Scientific Research License 02 028 26N-M expires on December 31, 2026

Issued at Iqaluit, NU on July 14, 2026


James Shirley
Science Advisor

