

SCIENTIFIC RESEARCH LICENSE

LICENSE # 03 021 26R-M

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TEAM MEMBERS: Z.Chen

AFFILIATION: Environment and Climate Change Canada

TITLE: Baseline Shoreline Mapping

OBJECTIVES OF RESEARCH:

The main purpose of the fieldwork is to collect information to help emergency responders plan and prepare for potential marine pollution incidents. A pre-spill shoreline dataset will be created with data collected during fieldwork. To collect key shoreline information, low-altitude helicopter overflights are conducted at the study sites to capture geotagged video and photos of the shoreline characteristics. Shoreline interpretation is performed by reviewing the oblique videography and geotagged photos and recording the information within a GIS database. The final product is a detailed vector geodatabase which describes each shoreline segment and its associated intertidal zones. We plan to perform shoreline mapping activities during summer 2026.

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 # 23YN025) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this license.

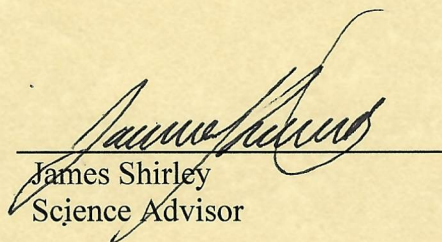
DATA COLLECTION IN NU:

DATES: July 06, 2026-October 05, 2026

LOCATION: Rankin Inlet, Chesterfield Inlet, Baker Lake, Gray's Bay

Scientific Research License 03 021 26R-M expires on December 31, 2026

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James Shirley
Science Advisor

