

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 007 24R-M

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TITLE: Coastal hazard assessment in Kugluktuk and Grise Fiord (Ajuittuq), Nunavut.

OBJECTIVES OF RESEARCH:

Many arctic communities are vulnerable to coastal erosion. As wave action and sea levels rise, along with increased storm frequency and permafrost thaw, the Arctic coastline is being heavily eroded, which poses a substantial threat to coastal communities. These processes are causing buildings, roads and areas of cultural significance to be undermined as coastlines subside and collapse into the sea. Coastal vulnerability in Grise Fiord was recently brought up by the community members and the Iviq Hunters and Trappers Association as a top priority issue in a context of climate change. Preliminary virtual discussions with community members and elders underlined a general perception of a changing coastal environment in Grise Fiord. In Kugluktuk, the community wishes to addressing the coastal erosion and possible future environmental hazards near the community, with a focus on the Coppermine River Delta where the old cemetery is located. These two communities are partnering with scientists from the Université du Québec à Rimouski, Polar Knowledge Canada, the Geological Survey of Canada, Institut national de la recherche scientifique to address these challenges.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (21YN021) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

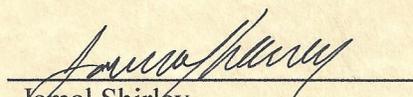
DATA COLLECTION IN NU:

DATES: June 20,2024 to October 31,2024

LOCATION: Kugluktuk,Grise Fiord

Scientific Research License 04 007 24R-M expires on December 31,2024

Issued at Iqaluit, NU on April 10,2024


Jamal Shirley
Science Advisor

