Nunavut Research Institute / ᓄᓇᕗᑦ ᖃᐅᔨᓴᖅᑐᑦᑕᓕᕆᔨᒃᑯᑦ
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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 03 010 23N-A

ISSUED TO: Mary Sanborn-Barrie
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TEAM MEMBERS: A.Ford,N.Rayner

TITLE: Community Geological Mapping of the Kivalliq Corridor

OBJECTIVES OF RESEARCH:
A proposed Churchill-Kivalliq Hydro-Fibre (CKHF) link involves construction of a 1200-km, 150-megawatt transmission line from Gillam, MB to Chesterfield Inlet, NU and west to Baker Lake to bring renewable, sustainable, reliable hydroelectricity to modernize electrical systems and advance the economy of western Hudson Bay communities. A road and upgrade to Rankin's airport are also planned. The geoscience character of the CKHF link corridor, portions of which are poorly known and under explored, should be assessed, updated, and integrated by Kivallirmiut to deliver a seamless, modern, time-calibrated, geological map. This will support activities across a region for which access will increase, and on which future land-use decisions can be soundly based. This project targets the southern half of the CKHF corridor, a hard to access, heavily drift-covered region with outdated geological mapping (1969-1978), rare obsolete (K/Ar biotite) age constraints, and no litho-geochemical knowledge with which to correlate units within, and beyond, the region.

TERMS & CONDITIONS:
The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report 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 1,2023 to July 31,2023
LOCATION: Arviat, Whale Cove & Surrrounding Area

Scientific Research License 03 010 23N-A expires on December 31,2023
Issued at Iqaluit, NU on June 6,2023

Jamal Shirley
Science Advisor

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