Nunavut Research Institute / ᓄᓇᕗᑦ ᖃᐅᔨᓴᖅᑐᓕᕆᔨᒃᑯᑦ
Box 1720, Iqaluit, NU X0A 0H0 phone:(867) 979-7279 fax: (867) 979-7109 e-mail: mosha.cote@arcticcollege.ca

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 003 24R-M

ISSUED TO: Alexandre Langlois
Department of Applied Geomatics
University of Sherbrooke
2500 University Boulevard
Sherbrooke, Quebec
J1K 2R1 Canada

TEAM MEMBERS: A.Royer,D.Kramer,N.Marchand,F.Bouchard,R.Scharien,N.O'Neill, P.Ayotte,A.L-Desbiens,K.Strong,R.Sica,D.Fortier,P.Hayes

TITLE: Multidisciplinary Observation for Arctic Climate Change and Extreme Events Monitoring

OBJECTIVES OF RESEARCH:
The main objective of our project is to develop a permanent multidisciplinary scientific infrastructure that enables long-term observations of Arctic climate change, bringing together experts from a wide range of expertise and institutions. The project is led by Prof.Alexandre Langlois and Prof. Kimberley Strong and responds to a consensus on the lack of temporal observations that are crucial to understand feedback processes and to promote model development in the Arctic. The innovative aspect of this proposal resides in its multidisciplinary approach while enabling long-term Arctic measurements spanning several disciplines. The proposed observatory will be located at the Canadian High Arctic Research Station in Cambridge Bay, Nunavut, while enhancing the reach of CHARS with linkages to the Environment and Climate Change Canada supersite in Iqaluit. Our ambition is to establish the site as one of the largest instrumented high Arctic observatories dedicated to the monitoring of key indicators that drive climate change.

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: January 4,2024 to December 31,2024
LOCATION: Cambridge Bay,Grenier Lake Watershed

Scientific Research License 04 003 24R-M expires on December 31,2024
Issued at Iqaluit, NU on January 4,2024

Jamal Shirley
Science Advisor

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