Nunavut Research Institute / ᓄᓇᕗᑦ ᖃᐅᔨᓴᖅᑐᑦᑎᐊᖅᑐᑦ
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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 031 22N-M

ISSUED TO: Alexandre Langlois
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TEAM MEMBERS: A.Royer,N.O'Neil,D.Gravel,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 developa permanent multidisciplinary scientific infrastructure that enables long-term observations of Arctic climatechange, 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 oftemporal observations that are crucial to understand feedback processes and to promote model developmentin the Arctic. The innovative aspect of this proposal resides in its multidisciplinary approach while enablinglong-term Arctic measurements spanning several disciplines. The proposed observatory will be located at theCanadian 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 isto establish the site as one of the largest instrumented high Arctic observatories dedicated to the monitoringof key indicators that drive climate change. The site will generate and enhance partnerships, not only withCanadian research centers and organizations, but also with international research partners and networks.

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: November 7,2022 to December 31,2022
LOCATION: Cambridge Bay,Grenier Lake Watershed

Scientific Research License 04 031 22N-M expires on December 31,2022
Issued at Iqaluit, NU on November 7,2022

Jamal Shirley
Science Advisor

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