

**SCIENTIFIC RESEARCH LICENSE**

LICENSE NUMBER 03 015 24R-M

ISSUED TO: Etienne Brouard  
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TEAM MEMBERS: P-M.Godbut,N.M-Reanud,M.Roy

TITLE: Keewatin Glacial Dynamics

**OBJECTIVES OF RESEARCH:**

Much is known about these glaciations in the south, but in northern Canada, extensive regions remain poorly studied because of their remoteness and hence knowledge there is limited. Therefore, the Geological Survey of Canada initiated in 2022 a 4-year research project to compile and understand the history of ancient glaciations in mainland Nunavut and Northwest Territories. The project titled “Synthesis of the glacial dynamics of the Laurentide Ice Sheet in the west-central Keewatin” and led by GSC researchers Janet Campbell and Etienne Brouard, aims to provide the age of the glacial terrains and the composition of materials that lay over bedrock. The project also aims to map the glacial landforms using satellite imagery and to model glacial history using new and published data. This knowledge will help to show how sediments were transported by ice and help trace how glaciers disappeared

**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:**

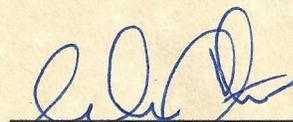
DATES: August 1,2024 to August 15,2024

LOCATION: 190kms West Baker Lake

Scientific Research License 03 015 24R-M expires on December 31,2024

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Jamal Shirley  
Science Advisor

