Nunavut Research Institute / ᓄᓇᕗᒻᒥ ᖃᐅᔨᓴᖅᑐᓕᕆᔨᒃᑯᑦ
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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 04 027 22N-A

ISSUED TO: Jesse Reimink
The Pennsylvania State University
411 Deike Building
University Park, Pennsylvania
16801 USA

TEAM MEMBERS: G. Pearson

TITLE: Tree River Geoscience Project

OBJECTIVES OF RESEARCH:
The proposed project consists of a collaboration between the University of Alberta, and the Pennsylvania State University. This project is focused on sample collection for various graduate student projects. There will be three to five geologists and one float plane pilot staying at the Plummer's Lodge on the Tree River and Kugluktuk, Nunavut. We will take day trips with a Bush Hawk float plane to nearby lakes where the geologists will use small rock hammers to take ~1kg rock samples for scientific research. We will conduct field sampling of ancient basement rocks exposed on the surface. We will be residing at the Plummer's Tree River Lodge and Kugluktuk for the duration of our project and will be flying a Bush Hawk float plane up to 100 km from this location during the day. We will land the Bush Hawk on small lakes, and hike to outcrops near the lakes. Once at outcrops of scientific interest, we will use small hand hammers to take geological samples for research of the rocks of scientific interest. We will be sampling for 12-15 days and expect to collect ~100 samples of rocks in this time period. The sampling will be spread out and will largely be focused on going back to sample locations that have been described by previous Geological Survey of Canada bedrock mappers, projects that took place in the 1980's. Our crew will consist of three to five geologists and a float plane pilot.

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 1,2022 to August 15,2022
LOCATION: Slave Craton Cover Group,Eokuk Uplift

Scientific Research License 04 027 22N-A expires on December 31,2022
Issued at Iqaluit, NU on July 12,2022

Jamal Shirley
Science Advisor

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