Nunavut Research Institute / ᓄᓇᕗᑦ ᖃᐅᔨᓴᖅᑐᑦᑎᐊᖅᑐᑦ
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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 02 025 22R-M

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TEAM MEMBERS: B.Fraser,D.C-Gonzalez

TITLE: Arctic Carbonate Rocks, Ellesmere Island, Nunavut

OBJECTIVES OF RESEARCH:
We will investigate different rock units of carbonate rocks that have recorded important interplay between large forces some 300 million years ago in the area now occupied by the Canadian Arctic. We will focus on an area of the Sverdrup Basin centered on Ellesmere Island, where this phenomenon is well displayed in outcrops of ancient reefs that responded to these forces. The project will address two aspects of importance in the Sverdrup Basin:

1. **Carbonate units.** A focus of this project is to examine outcrops of large ancient reefs and surrounding rocks on Ellesmere Island.
2. **Geological History:** We will investigate to what extent the type of sediments contained in ancient reefs reflect large geological forces that were at play some 300 million years ago.

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. These terms and conditions will form part of this license.

DATA COLLECTION IN NU:
DATES: June 21,2022 to July 20,2022
LOCATION: Blue Mountains,Ellesmere Island

Scientific Research License 02 025 22R-M expires on December 31,2022
Issued at Iqaluit, NU on April 14,2022

Jamal Shirley
Science Advisor

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