
Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 031 17R-M

ISSUED TO: Shannon Rupert
Mars Society
11111-West 8 Avenue Unit A
Lakewood, Colorado
80215 USA

TEAM MEMBERS:

AFFILIATION: Mars Society

TITLE: Planetary Analog Studies at the Flashline Mars Arctic Research Station.

OBJECTIVES OF RESEARCH:

A research team on a simulated mission to Mars will compare soil ecology, microbial ecosystems, lichen diversity and hypolithic cyanobacteria in two extreme environments: the deserts of southeastern Utah and the area near Houghton Crater on Devon Island, Nunavut. Comparing the microbial communities of these Martian-analog sites should yield insights into the success of microbial communities in these environments and ecological and genetic factors contributing to their local abundance and fitness. Comparing these two environments using the same team and the same analytical methods will test the biological similarity of far-separated Martian analogues.

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: June 01, 2017-September 01, 2017

LOCATION: Devon Island

Scientific Research License 02 031 17R-M expires on December 31, 2017

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Mary Ellen Thomas
Science Advisor

