

**SCIENTIFIC RESEARCH LICENCE**

LICENCE # 0202507R-M

ISSUED TO: Robert Zubrin  
Mars Society  
Box 273  
Indian Hills, CO  
80454 USA  
303 980-0890

TEAM MEMBERS: T. Muscatello, S. Robles, J. Heldman, J. Osberg, M. Landgraf, M. Berggren

AFFILIATION:

TITLE: Flashline Mars Arctic Research Station

**OBJECTIVES OF RESEARCH:**

The Mars Society is a private international society dedicated to furthering the human exploration and settlement of the planet Mars. In July 2000, the Mars Society established a research facility at the Mars-like Haughton impact crater site on Devon Island, Nunavut, called the Flashline Mars Arctic Research Station (FMARS). Designed to simulate a landed space craft on Mars, the FMARS project serves three goals: 1) To provide a testbed for studying the many aspects of field exploration operations on a human mission to Mars. 2) To provide a capable field research laboratory to help further our understanding of the Arctic, the Earth, Mars, and the possibilities and limits of life on our planet and beyond. 3) To inform and inspire people around the world to take a greater interest in space and science by bringing before them in a tangible form the vision of human exploration of Mars.

**TERMS & CONDITIONS:**

The holder of the license will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (05YN077) and by the Department of Culture, Language, Elders and Youth archeological sites terms and conditions. These terms and conditions will form part of this license.

**DATA COLLECTION IN NU:**

DATES: July 01, 2005-May 31, 2008

LOCATION: Haughton Crater

Scientific Research Licence 0202507R-M expires on December 31, 2007

Issued at Iqaluit, NU on April 04, 2007

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Mary Ellen Thomas  
Science Advisor

April 04, 2007

Robert Zubrin  
Mars Society,  
Box 273  
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80454 USA

**RE: 2007 Science Research Licence**

Please find enclosed your 2007 Research Licence No. **0202507R-M** which was prepared under the *NUNAVUT SCIENTISTS ACT*. Should you require further support from the NRI Research Centre, please contact the Manager to discuss your research needs.

Please be advised that this multi-year licence is subject to all criteria established in the *Nunavut Land Claim Agreement* and will be subject to any future changes that may occur in the *Nunavut Land Claim Agreement*. A multi-year licence may also be revoked for any of the following:

- the researcher fails to submit an Annual Summary Report
- the researcher breaches any term or condition set out in the licence
- the researcher fails to renew associated licences
- complaints with *just cause* are received concerning the project or any project team member
- the researcher fails to notify the NRI of any changes to the project

**Important Renewal Information**

Multi-year licences are granted for the duration indicated on your application form. All NRI licences however, expire at the end of each calendar year. To renew your licence each year, according to the *Scientists' Act*, researchers must submit a 500-1000 word non-technical *Annual Summary* of your research activities and findings in English *and* Inuktitut or Inuinaqtun. The translation ensures maximum accessibility of your research results to Nunavut residents. A list of translators is available from the NRI.

Upon completion of your fieldwork in Nunavut, please ensure that you submit a *Final Report* with an English and translated executive summary. Copies of papers that you publish are appreciated. Electronic copies of reports Microsoft Word or Adobe PDF would be most appreciated for posting on the NRI web site ([www.nri.nu.ca](http://www.nri.nu.ca)).

Thank-you in advance for assisting in the promotion and development of a scientific research community and database within Nunavut. The reports and information you provide are utilized to prepare an annual research compendium, which is distributed to communities and organizations in Nunavut as well as to researchers across Canada.

Please accept our best wishes for success in your research project.

Sincerely,

Andrew Dunford