



NWB Tools

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Notification of Research- Licensing

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July 07, 2016

NOTIFICATION OF RESEARCH

PLEASE BE ADVISED THAT SCIENCE RESEARCH LICENSE No. 02-044-16R-M HAS BEEN ISSUED TO:

Gordon Osinski

Department of Earth Sciences

University of Western Ontario

1151 Richmond Street

London, Ontario

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519 661 4208

TO CONDUCT THE FOLLOWING STUDY:

The Houghton impact structure, Devon Island, Nunavut: Geological, biological, and environmental effects

SUMMARY OF RESEARCH:

The Houghton impact structure is one of the best preserved and best exposed meteorite craters on Earth. Geological investigations at this crater over the past several years have revolutionized our understanding of various aspects of the impact cratering process. The research of this project focuses on understanding the geological, biological, and environmental effects of the impact event. The objectives of this year's field work is to investigate magnetic/gravity anomaly in the centre of the crater. Map and investigate hydrothermal alteration. Examine endolithic habitats within shocked rocks. Detailed study

of the intra-crater sedimentary deposits. Continuation of long term environmental monitoring via several weather stations installed around the crater.

THE STUDY WILL BE CONDUCTED AT: Devon Island

BETWEEN: July 14, 2016 - August 08, 2016

Alashua Crowley per.

Mosha Cote

Research Liaison