

## **ANNUAL SUMMARY**

Project: Geology Research in Baffin Bay (Licence #02 045 16R-M)  
Licence issued to: Calvin Campbell, Natural Resources Canada, 1 Challenger Drive,  
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### **Introduction and background**

Since 2012, Natural Resources Canada has been conducting research on the marine geology of Baffin Bay. The purpose of this research is to understand the geological history, processes and geological hazards offshore Baffin Island. The research is used to provide advice to stakeholders for the management of this large offshore area.

The original application for the research licence occurred in 2015. At the time, a 1 month-long marine geology expedition was planned for August-September 2015. After the research licence was granted, the expedition was postponed until 2017 due to issues with the research vessel. In May 2015 and March 2016, community engagement sessions were held in Clyde River, Qikiqtarjuaq, Pangnirtung and Iqaluit. In 2016, the research licence was renewed, but no fieldwork was conducted. As of December 2016, the proposed plan is for 2 research expeditions to take place in 2017. The first would occur between July 22 and August 28 on RV Maria S. Merian and the second occurring between August 11 and September 13 onboard CCGS Hudson. The majority of the research proposed for 2017 would take place outside of the NLCA boundary (Figure 1). The work will consist of seabed mapping and sampling as described in the information presented to the communities and provided to NRI in the original licence application.

### **2016 Activities**

No fieldwork was conducted in 2016. Community engagement sessions were held in March 2016 to provide and update on research activities and get input into plans proposed for 2017. Office and lab based research was ongoing in the areas of geological framework and marine geological hazards.

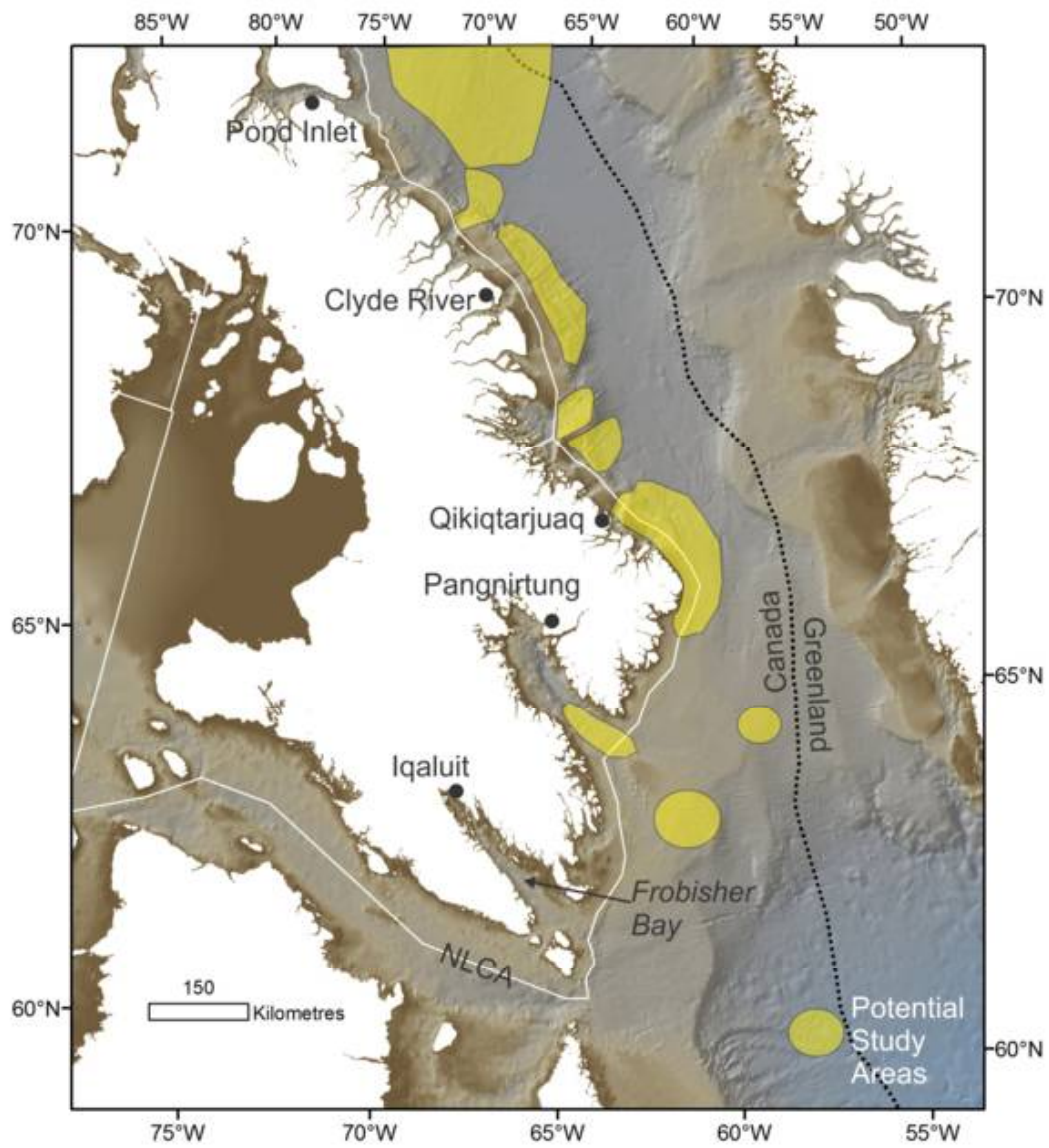


Figure 1- Map showing the proposed research areas in yellow.