

---

# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

Box 1720, Iqaluit, NU X0A 0H0 phone:(867) 979-7279 fax: (867) 979-7109 e-mail:  
[mosha.cote@arcticcollege.ca](mailto:mosha.cote@arcticcollege.ca)

---

## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 100 11R-M

ISSUED TO: David Burgess  
Canada Centre for Remote Sensing  
588 Booth St.  
Ottawa, Ontario  
K1A 0Y7 CA  
613 995 5891

TEAM MEMBERS: D. Burgess, J. Zheng, J. Bourgeois, T. deJong, W. van Wychen

AFFILIATION: Canada Centre for Remote Sensing

TITLE: Glacier Mass Balance and Pollution Studies in the Canadian high Arctic

### OBJECTIVES OF RESEARCH:

This is an ongoing study aimed at monitoring the mass balance and pollution levels of the Melville, Meighen, Agassiz, Devon ice caps, and the Grise Fiord Glacier (Figure 1). An additional component to this work will be to measure variations in flow rates of 3 glaciers on the Devon ice cap in order to understand how these glaciers will respond to future climate warming. Transportation at each site will be by snowmobile or helicopter where requested.

### 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 by the Department of Culture, Language, Elders and Youth archeological sites terms and conditions 09YA006. These terms and conditions will form part of this licence.

### DATA COLLECTION IN NU:

DATES: April 16, 2009-June 01, 2011  
LOCATION: Devon Island, Ellesmere

Scientific Research License 02 100 11R-M expires on December 31, 2011  
Issued at Iqaluit, NU on January 25, 2011



Mary Ellen Thomas  
Science Advisor

