

---

# 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 # 04 049 12R-M Amended

ISSUED TO:

Deborah Muggli  
Rescan Environmental Services Ltd.  
6th Floor, 1111 West Hastings Street  
Vancouver, British Columbia  
V6E 2J3 CA

TEAM MEMBERS:

T.Olcay, C.Hall, M.Taylor, A.Chateauvert, F.Hodge, S.Switzer, L.Powell,  
D.McAllister, N.Bush, W.Brunham, T.Gradowski, K.Gustavson, S.Weber,  
F.Landry, A.Longmuir, A.Hayward, G.Papini, J.Morison, R.Martinka, K.  
Glavas

AFFILIATION:

Sabina Silver Corporation and Xstrata Zinc Canada

TITLE: 2012 Back River Baseline Program & 2012 Hackett River Baseline Program

OBJECTIVES OF RESEARCH:

Sabina Silver Corporation is exploring a significant metal deposit located near the Hackett River in Nunavut. The majority of the sampling will be restricted to the mine footprint, although samples will be taken along a proposed access route, along an alternative access route, and from reference areas removed from the mine site. Xstrata Zinc Corporation will continue exploring the deposit at Hackett River. Additional baseline studies will be conducted near the BIPR port site, along portions of the BIPR road and possibly within Bathurst Inlet. The proposed research includes characterizing the aquatic biology and water quality of the site; characterizing terrestrial vegetation and soils; collecting baseline information on wildlife in the area.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions from the Nunavut Impact Review Board Screening Decision Report (07YN030) and per the Department of Culture, Language Elders and Youth Archeological Sites Terms and Conditions. These terms and conditions will form part of this license.

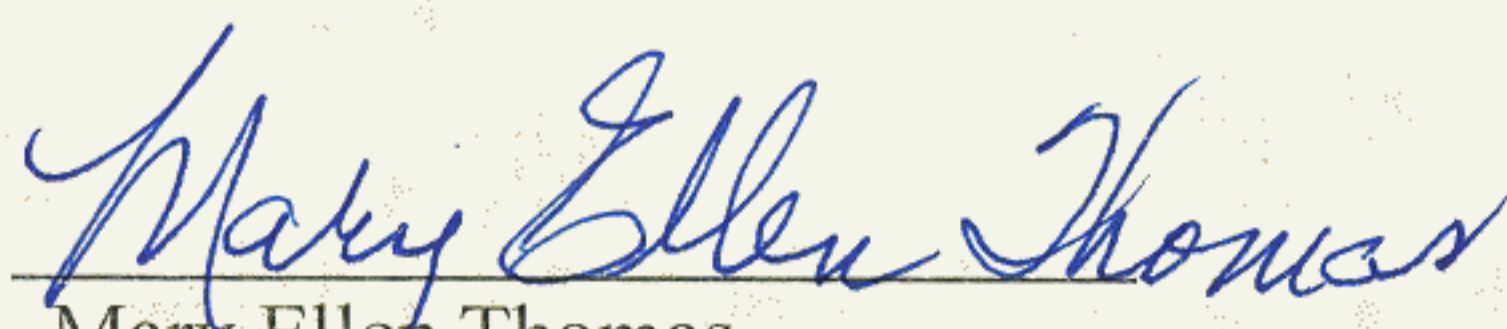
DATA COLLECTION IN NU:

DATES: February 01, 2012-October 31, 2012

LOCATION: Cambridge Bay

Scientific Research License 04 049 12R-M Amended expires on December 31, 2012

Issued at Iqaluit, NU on January 23, 2012



Mary Ellen Thomas  
Science Advisor

