



# QAUYIHAQTAUNIAQTUQ

## INUNGNUT UQARVIKHAQ

NIRB Titliqqait Naahauta: 18YN020

Havaap Atia: **“Permafrost Dynamics in Response to Climate Change on Victoria Island, Nunavut”**  
havaaq

Uyagakhiuqti Atiat: Polar Knowledge Canada

Havaap Qanurittunia: Research Aviktuqhimayuq: Kitikmeot Region

Public Registry: [www.nirb.ca](http://www.nirb.ca) Application No.: 125305

Uqauhikhanut Umikvia: **May 1, 2018**

### HAVAAKHAP HIVITUNIA:

Ihumagiyaayuq “Permafrost Dynamics in Response to Climate Change on Victoria Island, Nunavut” ittuq iluani Kitikmeot within the municipality of Cambridge Bay, its surrounding area and within the southern part of Victoria Island. Uyagakhiuqti imaa piniaghimayuq to start a research project to study the response of Victoria Island permafrost ecosystems to climate change and their environmental implications. Aulaniaqhimayut Maymit August, 2018-mut. Hivitunia havariayuniaqtup naunaiqtauhimayuq NIRB-kunit ukuninga ilalik imaa:

- Deployment and use of geophysical tools to undertake fieldwork
- Use of a portable earth drill to collect permafrost samples
- Use of ground-penetrating radar to survey the active layer of permafrost
- Monitor spatial changes in the landscape due to thawing permafrost with the use of high-precision Global Navigation Satellite (GPS) System and satellite images;

Pularlugu NIRB-kut inungnut atiliuriviat qaritauyakkuurvikkut qulaaniitug qinirlugu NIRB Titliqqanut Naahauta: 18YN020 ilitturiyumaguvit havaakhakkut mighaanut nunaayanik inuillu uqauhiinnik.

### TUKHIRAUT UQAUIKHANUT

**Tuhaqtittitaqtutit NIRB-kunut ihumagiyaarnik hamna havaakhak imainmangat:**

- ihumaalutauvallaarniarmangat inunnit, huurlu;
- aktumavallaarniaqqat avatimut nakuunngittumik, huurlu;
- aktumavallaarniaqqat nakuunngittumik an’ngutitut Inuillu angunahuarniinnut, huurlu;
- qanurittumik nakuunngittumik aktumayukhaq naunaitpat aktumaniarnia aktumattailiyauttaqqat/kamagiyauttaqqat ihuaqtumik atuqtauvaktumik.

Ilautjutilgillu nipliquyaayut aktumattailitjutikhanik ihuarnahuriyamingnik, tuhaqtittilutiglu NIRB-kunut ikpingnaqtunik turangayunik haffumunga havaakhamat.

### TURAQTITTIVIK

Nunavunmi Avatiliriyitkut haqqitittiut nutaannguqtiqtauhimayumik qaritauyakkuurvingmik inuit qinirhiavikhaannik, ilautjutilgillu pivikhaanik havaariyaayunut ilittuqhautikhanik uvvalu tunihivikhamik uqauhikhanik Avatiliriyitkunut uvuuna <http://www.nirb.ca>. Uqauhikhat tuniyauttaqtut huli turaqtitaulutik Avatiliriyitkunut qaritauyakkut uvuuna [info@nirb.ca](mailto:info@nirb.ca) uvuunaluuniit kayumiktuurutikkut (867) 983-2594.

Apirhuutikhaqaruvit nagiqhiyumirumaguvilluuniit havaakhatigut NIRB-kulluuniit qauyihainiatigut, turarvigilugu Mia Otokiak, Junior Technical Advisor, akiittukut 1-866-233-3033 titigarvigiluguluuniit uvuuna [motokiak@nirb.ca](mailto:motokiak@nirb.ca).