

Project Dashboard

Impacts of Climate Change on Permafrost, Ice, and Hydrology in the Canadian high Arctic (149686) Proposal Status: Conformity Determination Issued

Overview

Documents

Project Overview

Type of application: **Amendment**

Proponent name: Christopher Omelon
Company: McGill University

Schedule:

Start Date: 2022-04-01
End Date: 2024-01-02
Operation Type: Seasonal

Project Description:

The primary purpose of this project is to conduct scientific research on the impact of climate change on polar landscapes with a focus on permafrost, ground ice, glaciers and groundwater. This research is observational in nature and involves topographic dGPS surveys, shallow permafrost GPR surveys, ground and air temperature measurements, as well as assessments of ground ice, vegetation, glacier ice, and groundwater activity. The primary study area is Expedition Fiord on Axel Heiberg Island (79°25'N; 90°43'W), with secondary study sites on Axel Heiberg Island at Strand Fiord and Whitsunday Bay.

Summary of Modifications:

Modifications include updated operations phase dates and associated documents.

Personnel:

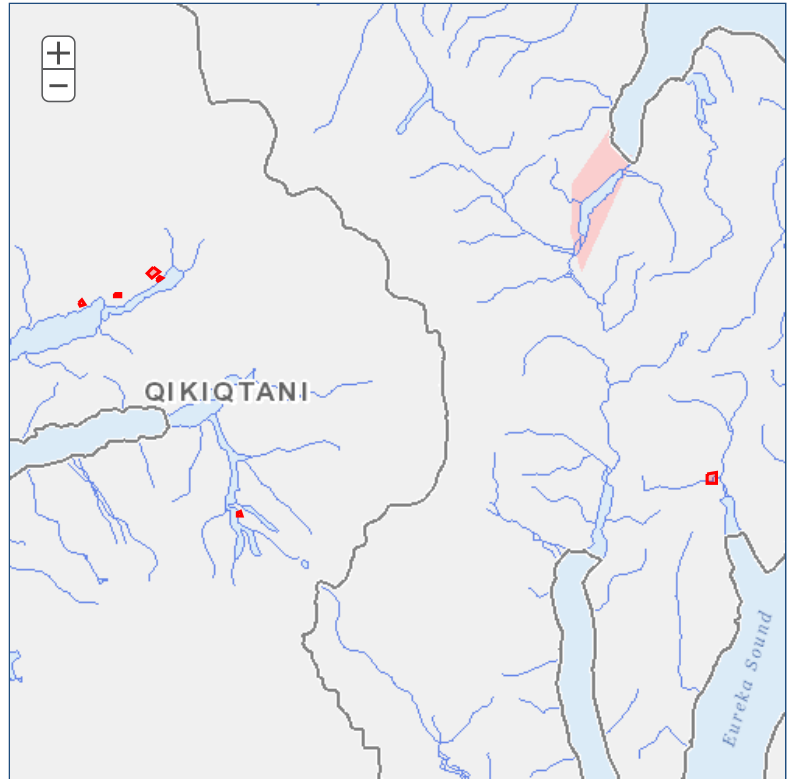
Persons: 5
Days: 36

Project Map

Project Land Use and Authorizations

Material Use

Waste and Impacts



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