

Hivayautit Nampanga:: 867-975-4292, Kayumiktukkut Nampanga::

## Tukhiannaqtunik havaariya uyumayumik uqauhiyun

Uiviititut: Le Bureau Géoscientifique Canada-Nunavut propose un programme de recherche qui prendra place le 13-28 août 2025. Le projet sera ciblé sur une région de 30 kilomètres carrés, près du lac Sylvia Grinnell, autour de 50 km au nord-ouest d'Iqaluit. Le but du projet est d'identifier la source dans le substrat rocheux des grains de cassiterite et scheelite, qui ont été identifiés dans les échantillons du matériel surficiel après un programme de recherche en 2015-16. Cassiterite est une source majeure pour la production d'étain, et scheelite est une source majeure pour la production de la titane. Le projet sera basé à Iqaluit, et supporté par hélicoptère sans nécessité des caches de carburant. L'équipe de recherche comprendra 6 personnes. Dix jours du programme sera assigné à cartographie du substrat rocheux, et six jours pour les études thématiques. L'échantillonnage supporté par hélicoptère sera à haute élévation pendant des vols de transport. La faune sera évitée en tout cas.

Inuinnaqtun: As the project is located in the Qikiqtani region we do not have an Inuinnaqtun project description.

Personnel on site: 6

Days on site: 16

Total Person days: 96

Operations Phase: from 2025-08-13 to 2025-08-28

# Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyaranguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
SGGP field area:	Scientific/International Polar Year Research	Crown	Geological research has taken place regularly in the area over the last two decades.	Undetermined.	Study area is approximately 60 kilometres northwest of Iqaluit.

## Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Iqaluit	Sally	Amaruq HTA	2025-05-14

# Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Nunaqaqqaahimayuliriyikkut Ukiuqtaqtumi Pivallianiq Kaanata	CIRNAC land use permit for Crown land	Applied, Decision Pending		
Hunters and Trappers Associations/Organizations	Amaruq HTA board supports our research activities	Active	2025-05-14	
Qikiqtani Inuit Katimayit	Application for land lease for IOL surface lands access, application 320545	Applied, Decision Pending		
Nunaqaqqaahimayuliriyikkut Ukiuqtaqtumi Pivallianiq Kaanata	CIRNAC land use permit for Crown land - Project below threshold, permit not required	Active	2025-06-11	
Nunavunmi Ihivriunqimut Timiqutigiyanga	Research permit, to be applied for following NPC-NIRB process	Not Yet Applied		

## Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Air	Helicopter-supported, helicopter based in Iqaluit	
Land	Hiking	

## Project accomodation types

Temporary Camp

Alaanut,

# Ihuaqutivaluin Atuqtauyukhan

Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
helicopter	1	1	Helicopter for transport between Iqaluit airport and field research area.
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## Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Aviation fuel	fuel	10	40	400	Gallons	helicopter refueling

## Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
1	By hand, via filling bottles (during hikes/traverses)By hand, via filling bottles (at temporary camp)	Streams in project activity area; stream(s) near fly camp location

# Iqqakuq

## Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Camp	Ikulalimanngittun iqqakuuvaluin	minimal	Any noncombustible waste materials will be packed out and returned to Iqaluit at camp teardown.	none

### Avatiliriniqmut Ayurhautingit:

Care will be taken to avoid unnecessary impacts on vegetation when landing helicopter, while on hike traverses, or while in temporary camp. Noise from helicopter will be mitigated by ensuring flight altitude is sufficient to avoid impacts on wildlife. Rock and sediment samples will be removed from the environment, but care will be taken to prevent unnecessary damage to outcrops when samples are taken from bedrock. Rock samples will consist of 0.5 to 5kg of rock material, either collected loose from the ground or removed from outcrop with a geological hammer and chisel. General practice when bedrock sampling is to remove as little rock as possible from an outcrop while ensuring sufficient fresh (e.g. unweathered) rock material for analysis. Sediment samples are expected to be up to 5 gallons of till collected in a grid pattern using shovels (the exact sample grid is not yet determined but spacing can be anywhere from 100 to 1000 m). Any surface vegetation present is removed from sample location and replaced after sample is collected.

# **Additional Information**

**SECTION A1: Project Info**

**SECTION A2: Allweather Road**

**SECTION A3: Winter Road**

**SECTION B1: Project Info**

**SECTION B2: Exploration Activity**

**SECTION B3: Geosciences**

**SECTION B4: Drilling**

**SECTION B5: Stripping**

**SECTION B6: Underground Activity**

**SECTION B7: Waste Rock**

**SECTION B8: Stockpiles**

**SECTION B9: Mine Development**

**SECTION B10: Geology**

**SECTION B11: Mine**

**SECTION B12: Mill**

**SECTION C1: Pits**

**SECTION D1: Facility**

**SECTION D2: Facility Construction**

**SECTION D3: Facility Operation**

**SECTION D4: Vessel Use**

**SECTION E1: Offshore Survey**

**SECTION E2: Nearshore Survey**

**SECTION E3: Vessel Use**

## **SECTION F1: Site Cleanup**

## **SECTION G1: Well Authorization**

## **SECTION G2: Onland Exploration**

## **SECTION G3: Offshore Exploration**

## **SECTION G4: Rig**

## **SECTION H1: Vessel Use**

## **SECTION H2: Disposal At Sea**

## **SECTION I1: Municipal Development**

### **Qanurittuq Ittunik Avatinga: Avatingalluanga**

Low rolling hills, often flat-topped. Ground cover is mostly glacial till, occasionally patterned ground, with some bedrock outcrop. Creeks and streams are frequent in the area on hill slopes and valley floors. Permafrost is continuous through the study area.

### **Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga**

Tundra with typical vegetation for the Northern Arctic ecozone - Arctic willow, Arctic heather, various flowering plants, mosses, and lichens.

### **Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga**

Iqaluit is the nearest community to the study area and will be a source of logistical support and Inuit employment for wildlife monitor positions.

## **Miscellaneous Project Information**

### **Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit**

Minimal impact resulting from short-term ( <5 days) fly camp. Permanent removal of rock and till samples.

### **Tamatkiumayunik Ihuikgutivaktunik**

Permanent removal of rock and till samples.



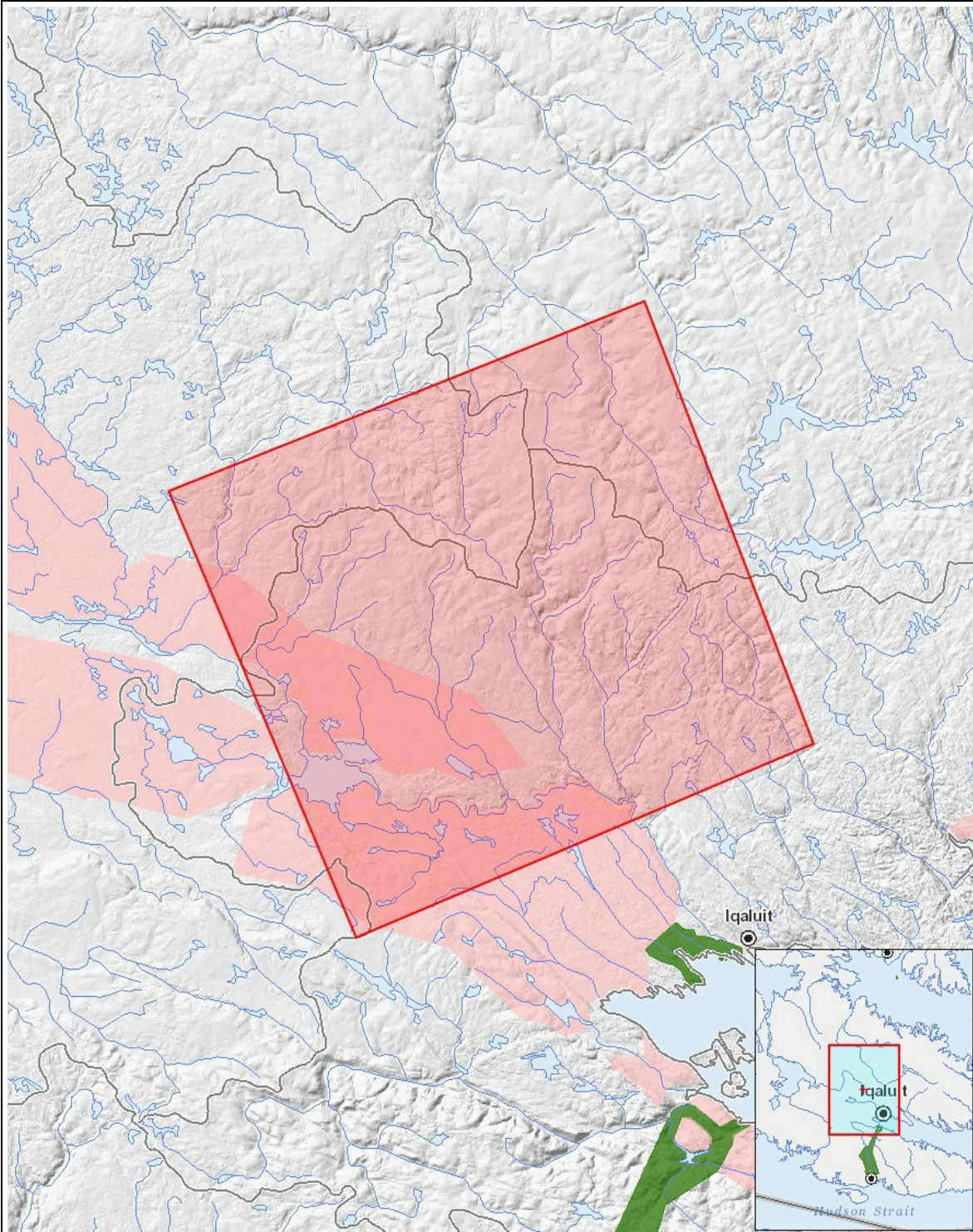
Impacts

Ilitariyauniq Avatiliriniqmut Ayurhautingit

	PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO-ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
Havakvinga	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aulapkaininnga	Scientific/International Polar Year Research	-	M	M	-	-	-	-	M	M	M	-	-	M	-	M	M	M	M	-	U	P	U	P	P
Piiqtauniq	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)

## Havaariyauyukhamut Nayugaa



### List of Project Geometries

1	polygon	SGGP field area:
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