



NIRB Uuktuutinga Ihivriughikhamut #126194

FISHES: Fostering Indigenous Small-scale fisheries for Health, Economy, and food Security

Uuktuutinga Qanurittuq:	New
Havaap Qanurittunia:	Scientific Research
Uuktuutinga Ublua:	Wednesday, May 28, 2025
Period of operation:	from 2026-04-01 to 2028-12-31
Havauhikhaq	Jean-Sebastien Moore
Ikayuqtinga:	Université Laval - Institute of Integrative Biology and Systems 1030 Av De La Médecine Quebec Quebec G1V 0A6 Canada Hivayautit Nampanga:: 5818881868, Kayumiktukkut Nampanga::

QANURITTUT

Tukihiannaqtunik havaariyauyumayumik uqauhiuyun

Qablunaatitut: See attached documents.

Uiviititut: See attached documents.

Inuktitut: See attached documents.

Personnel

Personnel on site: 1

Days on site: 14

Total Person days: 14

Operations Phase: from 2025-04-01 to 2026-03-31

Operations Phase: from 2026-04-01 to 2028-12-31

Post-Closure Phase: from to

Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaiyyainnit nuna
7 Polygon - South Main Land Murchison, Hayes River, Back River	Sampling sites	Marine	N/A	N/A	N/A
1 Polygon - Boothia North - Potential Commercial Fishing - 200 Samples	Sampling sites	Marine	N/A	N/A	N/A
2 Polygon - Boothia East Coast - 100 Samples	Sampling sites	Marine	N/A	N/A	N/A
4. Polygon - Boothia West Coast - 100 Samples	Sampling sites	Marine	N/A	N/A	N/A
Polygon 6 Gjoa Haven Bay - Murchison Bay 100 Samples	Sampling sites	Marine	N/A	N/A	N/A
5 Polygon King William Island -100 samples	Sampling sites	Marine	N/A	N/A	N/A
3. Polygon Boothia Center-Taloyoak 150 samples	Sampling sites	Marine	N/A	N/A	N/A

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Urhuqtuuq	Anthony Anguttitauruq	Gjoa Haven Hunters & Trappers Association	2025-02-11
Taloyoak	Jimmy Ullikatalik	Taloyoak Umarulirigut Association	2025-02-11

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Iqalukhiurniqmut Tariuqmilu Kaanata	License to Fish for Scientific Purposes (License # S- 25/26-1004- NU) obtained conditional to project approval.	Active	2025-04-30	2026-03-31
Hunters and Trappers Associations/Organizations	Letters of Support - Taloyoak Umarulirigut Association and Gjoa Haven Hunters & Trappers Association	Active	2025-02-11	2028-12-31

Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Air	Air transport will be required for Laval University supporting personnel	
Water	Water (boat) transport will be required to reach sampling sites	

Project accomodation types

Temporary Camp

Permanent Camp

Nunauyuq

Ihuaqutivaluin Atuqtauyukhan

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

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Fishing net	N/A	N/A	Subsistence fisheries, samples will be taken from the catch

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Information is not available						

Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
0		

Iqqakuq

Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Information is not available				

Avatiliriniqmut Ayurhautingit:

Environmental impacts should be minimal, and the project should have no further influence on the environment than the existent subsistence fisheries already have (e.g. some bycatch of untargeted species, which are often used as dog food).

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

The main goal of this proposal is to provide continued support to the communities of Gjoa Haven and Taloyoak for the ongoing application for a commercial fishing license. There are currently no designated commercial fishing zones in the region.

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

This project mainly involves Arctic char fisheries. Arctic char is an anadromous species that migrates from its spawning sites in freshwater to its feeding sites at sea in the spring, and comes back from the sea in the fall to overwinter and/or spawn. Arctic char is an abundant species in Arctic aquatic environments and can be found throughout the Arctic Ocean.

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

This project will involve the communities' subsistence fisheries for arctic char, which mainly happens in the spring and in the fall, when the fish are running between their feeding and spawning sites. Subsistence fisheries for Arctic char are an important activity both culturally, nutritionally and economically. In the proposed project, we collaborate with subsistence fishers to obtain samples from their catch, which we then use to generate high-quality data to assist the fisheries management and support the communities with their commercial fisheries application.

Miscellaneous Project Information

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

The proposed procedure reduces considerably the impact of our sampling activities, since we do not cause any further handling and/or mortality of Arctic char than what the already existing subsistence fisheries already cause. This is a net positive impact for our research activities, as opposed to a scenario where we would need to catch fish solely for sampling purposes. The proposed collaborative approach, involving local fishers in the sampling activities has yielded high success, as they know which spots to go to to catch fish. This is a net positive as it has drastically reduced the time and resources required to obtain the required number of samples.

Tamatkiumayunik Ihuikgutivaktunik

The long term goals of this project involve both communities getting a commercial fishing license, which would create jobs and provide regular income for the communities. In the meantime, the data and

management tools generated by our research activities would provide guidance for the durable management of the fish stocks and related harvesting activities by the communities, reinforcing their stewardship over this important resource.

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																									
Sampling sites		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	M	-		-	P	P	-	-
Piiqtauniq	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

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

The map displays the Kivalliq region in Nunavut, Canada, with a focus on the distribution of 1000-year-old human remains. The region is divided into three main areas: QIKIQTANI - NORTH, QIKIQTANI - SOUTH, and KITIKMEOT. Red dots indicate the locations of human remains. Key geographical features include M'Clintock Channel, Larsen Sound, Prince Regent Inlet, Gulf of Boothia, Committee Bay, Queen Maud Gulf, and Ukkusikjaq. An inset map shows the location of the Kivalliq region within Nunavut.

1	polygon	7 Polygon - South Main Land Murchison, Hayes River, Back River
2	polygon	1 Polygon - Boothia North - Potential Commercial Fishing - 200 Samples
3	polygon	2 Polygon - Boothia East Coast - 100 Samples
4	polygon	4. Polygon - Boothia West Coast - 100 Samples
5	polygon	Polygon 6 Gjoa Haven Bay - Murchison Bay 100 Samples
6	polygon	5 Polygon King William Island -100 samples
7	polygon	3. Polygon Boothia Center- Taloyoak 150 samples
8	point	Nudlukta - Nalluqtap Tasia - ᑕᐱᓂᑦᑖᑦᑕᑦᑭᑦ
9	point	Aqviqtunnuap Tasia - ᑕᐱᓂᑦᑖᑦᑕᑦᑭᑦᑕᑦᑭᑦ
10	point	Aitsauqtungiaq - ᑕᐱᓂᑦᑖᑦᑕᑦᑭᑦᑕᑦᑭᑦ

- | | | |
|----|---------|--|
| 1 | polygon | 7 Polygon - South Main Land Murchison, Hayes River, Back River |
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| 6 | polygon | 5 Polygon King William Island -100 samples |
| 7 | polygon | 3. Polygon Boothia Center- Taloyoak 150 samples |
| 8 | point | Nudlukta - Nalluqtap Tasia - ᐃᑦᓄᔭᕋᒫᕈᖅ |
| 9 | point | Aqviqtunnuap Tasia - ᐱᕏᕗᑎᕆᕐᕇᕙᕉᕁᕐᕍᕐᕋᒫᕈᖅ |
| 10 | point | Aitsauqtungiaq - ᐱᕐᕊᕐᕋᕐᕇᕐᕍᕐᕋᒫᕈᖅ |

11	point	Back River
12	point	Richardson Point
13	point	Ogle point
14	point	Hayes River
15	point	Taloyoak
16	point	Netsilik Lake - ᐃᑦᑎᑦᑲ
17	point	Tariuqnittuq - ᑕᑎᐃᑦᑭᑦᑕᑦᑕᑦ
18	point	Kangalasiuqvikruaq - ᑲᐱᑕᑎᑦᑕᑦᑕᑦᑕᑦᑕᑦ
19	point	Iqalungmiut (Fishing Weir)
20	point	Petersen Bay
21	point	Amittuqrueq - ᐃᑦᑕᑦᑕᑦᑕᑦᑕᑦ
22	point	Tasiqrueq - ᑕᑦᑕᑦᑕᑦᑕᑦ
23	point	Kanngiqlukruaq - ᑲᐱᑕᑎᑦᑕᑦᑕᑦᑕᑦ
24	point	Aksalikkat - ᐃᑦᑕᑦᑕᑦᑕᑦ
25	point	Abernethy Lake - Qamaninajuk - ᑲᑎᑕᑎᑦᑕᑦ
26	point	Abernethy River Mouth - Arviqtutiaq Bay - ᐃᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
27	point	Ilau'nalik - ᐃᑕᐃᑦᑕᑦᑕᑦ
28	point	Thom Bay- Itsuaqtuqvik - ᐃᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
29	point	Lord Lindsay Lake - Tasiq - ᑕᑦᑕᑦ
30	point	Lord Mayor Bay
31	point	Garry River - Palliq - ᑕᑦᑕᑦᑕᑦ
32	point	Josephine Bay (Garry River Mouth)
33	point	Spence Bay
34	point	Willerstedt Inlet -Tasiuraq Ilulik - ᑕᑦᑕᑦᑕᑦᑕᑦ ᐃᑕᑦᑕᑦ
35	point	Redfish Lake - Ivitaruqtuq - ᐃᑕᑕᑦᑕᑦᑕᑦᑕᑦ
36	point	Ivitaruqtup Panga - ᐃᑕᑕᑦᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦ
37	point	Middle Lake - Tasiqrueq - ᑕᑦᑕᑦᑕᑦᑕᑦ
38	point	Kangalasiuqviaqrueq - ᑲᐱᑕᑎᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
39	point	Angmalurtuq - ᐃᑦᑕᑦᑕᑦᑕᑦᑕᑦ
40	point	Shepard Bay
41	point	Inglis Bay
42	point	Murchinson Lake - Tahiararřuaq ᑕᑎᐃᑦᑕᑦᑕᑦᑕᑦᑕᑦ
43	point	Port Parry - Tununiup qamania - ᑕᑎᑕᑦᑕᑦᑕᑦ ᑲᑎᑕᑎᑦᑕᑦ
44	point	Jekyll Lake - Uplasaulikruaq - ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
45	point	Krusenstern Lake - Tigluaqvik - ᑎᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
46	point	Lady Melville Lake - Tasinajuk - ᑕᑦᑕᑦᑕᑦᑕᑦ
47	point	Kangikjuke Lake - Kangiqluk - ᑲᐱᑕᑎᑦᑕᑦᑕᑦᑕᑦ
48	point	Hansteen Lake -Tasiqrueq - ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
49	point	Pangnikto Lake - Panngnirtuq - ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ
50	point	Amitsuq - ᐃᑦᑕᑦᑕᑦᑕᑦ
51	point	Kanngiqqlunajuk - ᑲᐱᑕᑎᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ