



NIRB Application for Screening #126494

Environmental Behavior of Ammunition Constituents in Arctic Conditions

Application Type:	New
Project Type:	Scientific Research
Application Date:	Monday, August 24, 2026
Period of operation:	from 2026-09-01 to 2029-09-30
Project Proponent:	Lapointe 2459 route de la bravoure Quebec Quebec G3J 1X5 Canada Phone Number:: 581-578-0624, Fax Number::

DETAILS

Non-technical project proposal description

English: See attached documents

French: See attached documents

Inuktitut: See attached documents

Inuinnaqtun: See attached documents

Personnel

Personnel on site: 3

Days on site: 3

Total Person days: 9

Operations Phase: from 2026-09-01 to 2029-09-30

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Localisation of the project	Researching	Crown	N/A	N/A	N/A

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Resolute Bay	-	1st Canadian Rangers Patrol.	2026-09-01

Authorizations

Indicate the areas in which the project is located:

North Baffin

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Government of Nunavut, Department of Environment	Wildlife Research permit	Active	2026-08-14	2029-09-30
Government of Nunavut, Nunavut Research Institute	Scientific Research Licence	Applied, Decision Pending		
Nunavut Water Board	8WLC-SAR	Applied, Decision Pending		
Government of Nunavut, Community and Government Services	0	Applied, Decision Pending		
Nunavut Planning Commission	Project_Proposal NPC_151295This project amends to NPC_150306	Active		

Project transportation types

Transportation Type	Proposed Use	Length of Use
Land	one 4x4	

Project accomodation types

Community

Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
XRF	1	(LxWxH): 27 cm x 9 cm x 30 cm	A portable X-ray fluorescence (XRF) spectrometer for non destructive direct soil analysis, elemental analysis of mineral and alloy material identification
YSI	1	8.3 cm width x 21.6 cm length x 5.6 cm depth	The YSI (digital sampling system) is a portable water quality multiparameter instrument for the measurement of several critical parameters - dissolved oxygen, total algae, turbidity, pH, ORP, conductivity, specific conductance, salinity, TDS, resistivity, TSS, ammonium, ammonia, chloride, nitrate, depth, temperature and GPS coordinates.
UV AB light meter	1	7.32 x 27 x 26.67 cm	Direct measurement of UVA and UVB light
ARA405 Drone, EN EVO Drone and Mavic 2 Pro Zoom Drone.	1	See document TAB	Equipment used in this project will consist mostly of two quads that will allow for the transportation of personnel on site. Overall, the main objective of this project is to collect small soil/water samples throughout the specified work area. Therefore, equipment will be limited to a few manual tools, bottles, and plastic bags. There is also a possibility that an aerial survey may be conducted in the area covered by this survey. For this reason, the technical manual for the equipment associate
Vehicle	1	4x4	For movements

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
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Gasoline	fuel	2	25	50	Liters	Container Capacity Gas use for this project will be limited to the gas requirement to allow for the good functioning of the two quads. Work should be ongoing for not more than a week. Therefore, two 25-liter plastic containers should be sufficient
Alconox	hazardous	1	1	1	Kg	Concentrated, anionic detergent for manual cleaning of instruments.

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0		

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Information is not available				

Environmental Impacts:

No production of waste nor detrimental impact on the environment is anticipated regarding this proposal. As previously mentioned, the main objective of this project is to collect small soil/water samples throughout the specified work area. So, no waste will be left in place. The sample collected will be recovered and flown out to the Defense Research and Development Canada research centers in Valcartier (DRDC) infrastructure.

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

Description of Existing Environment: Physical Environment

This project is the project proposal NPC_151295 and this application amends NPC_150306

Description of Existing Environment: Biological Environment

Description of Existing Environment: Socio-economic Environment

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Cumulative Effects

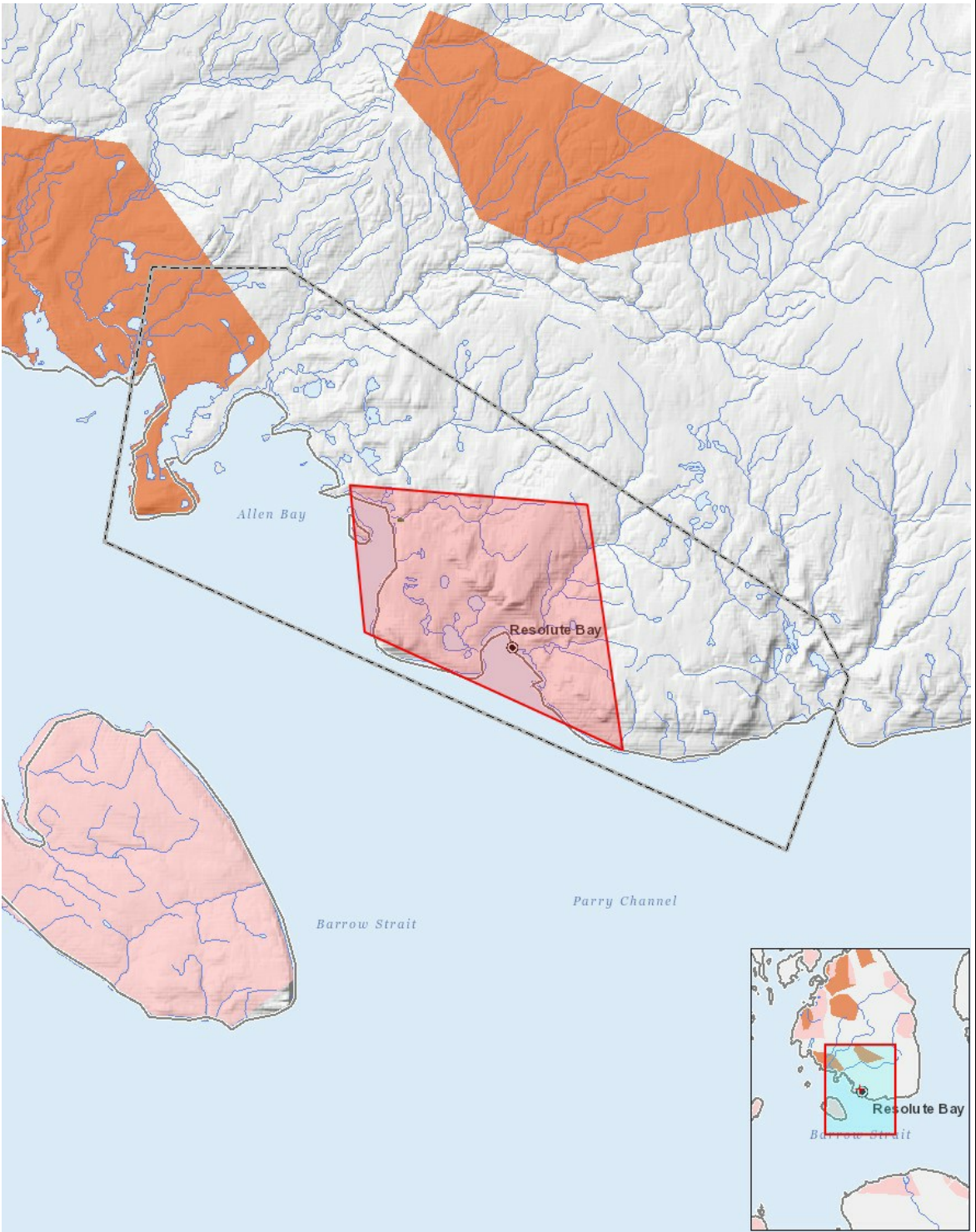
Impacts

Identification of Environmental Impacts

[illegible]

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

Project Location



List of Project Geometries

1	polygon	Localisation of the project
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