ᓄᓇᕗᒻ ᐊᐢᑎᓂᓱᓕᕆᔨᒃᑯᑦ ᑲᑎᒪᓕᕆᔨᖏᑦᑎᐸᑦ ᑐᓴᕐᓯᒪᔭᕐᓂᖅ #125364

Crocker Bay Study and NW Passage to Gjoa Haven

ᑐᓴᕐᓯᒪᔪᑕᐅᔪᖅ ᖃᓄᐃᑦᑐᑦ:	New
ᐱᓂᓱᐊᓱᒃᐅᔪᒪᔪᑦ ᖃᓄᐃᑦᑐᑦ:	Scientific Research
ᐅᑦᓗᖏᓪ ᑐᓴᕐᓯᒪᔪᑕᐅᑎᓂᐅᑦ:	6/27/2018 10:46:41 PM
Period of operation:	from 0001-01-01 to 0001-01-01
ᖃᔪᓴᖃᐃᔨᐅᓂᐊᖏᓴᑎᐅᔪᑦ:	from 0001-01-01 to 0001-01-01
ᐱᓂᓱᐊᖏᑭᒋᒪᔪᖅ:	Nicole Trenholm 990 Awald Rd Annapolis md 21403 United States ᐅᖏᓐᓂᐅᑎᑦ: 2152084464, ᓴᖃᔪᓕᑦ:

ᑐᓴᐅᒪᔭᒃᓴᑦ

ᖅᑲᓄᐃᑦᑑᑎᓂᒃ ᐱᓕᕆᐊᖅᑲᖅᓂᐊᕆᐊᖕᒐᓐᓂᒃ

ᖅᑲᓪᓗᓈᑎᑐᑦ: Marine Based Scientific Research: This is a low impact study using a vessel of opportunity. The research group is made up of 2 University graduate students and two Canadian pleasure yacht adventurers. The total voyage is from July 28 to August 26, 2018.The work involves a 4 day stop at Croker Bay in a 40 sailing boat for bathymetric & oceanographic surveys. Cruise ends for 2 students at Gjoa Haven, where they will fly back to the US, while Canadian vessel will proceed through the passage. Alternative fly out locations includes Pond Inlet and Resolute. Location: Qikiqtani Region [Croker Bay and Northwest Passage Transit]

ᐅᐃᕖᑎᑐᑦ: n/a

ᐃᓄᒃᑎᑐᑦ: Marine Based Scientific Research: This is a low impact study using a vessel of opportunity. The research group is made up of 2 University graduate students and two Canadian pleasure yacht adventurers. The total voyage is from July 28 to August 26, 2018.The work involves a 4 day stop at Croker Bay in a 40 sailing boat for bathymetric & oceanographic surveys. Cruise ends for 2 students at Gjoa Haven, where they will fly back to the US, while Canadian vessel will proceed through the passage. Alternative fly out locations includes Pond Inlet and Resolute. Location: Qikiqtani Region [Croker Bay and Northwest Passage Transit]

Inuinnaqtun: n/a

Personnel

Personnel on site: 4

Days on site: 4

Total Person days: 16

Operations Phase: from 2018-07-28 to 2018-08-26

ᐱᓪᓇᐊᓇᔨᐅᓂᐊᖅᑐᑦ

ᓇᒥ	ᖃᓄᐃᑦᑐᒥᑦ ᐱᓪᓇᐊᖅᑎᓂᐊᖅᐸ	ᑭᒃᑯᑦ ᓄᓇᕽᒋᓂ	ᑐᓴᐅᒪᔨᒃᓴᑦ ᓄᓇᐅᑉ ᖃᓄᖅ ᐊᑐᓴᐅᓪᓗᐅᖅᓯᒪᓇᐊᖅᑕᓂᒃ	ᐃᑦᓴᑎᓂᑕᖃᖅᑎᐊᐅᓪᓚᐅᖅᐸ ᐃᓄᖕᓄᑦ ᓇᔨᖅᑕᐅᖅᑎᖃᖅᑐᑦᑐᓂᒃᑐᑦ ᑕᐃᑦᓯᒪᓂᑐᖅᐅᓪᓗᖅ	ᖃᓄᖕᓂᓂᖅᓱᖅ ᓄᓇᓪᑭᐅᔨᐅᔪᖅ ᐊᒪᒪᓗ ᓴᓗᒥᑲᕕᐊᓚᐅᓪᓚᖅ ᓯᓇᓄᑦ
Transit through Northwest Passage with survey in Crocker Bay	Marine Based Activities	Marine	N/A previously surveyed bay	N/A	Resolute, Pond Inlet and Gjoa Haven

ᓄᓇᓪᐅᑦ ᐃᓪᐅᐅᖅᑕᐅᓂᖕᖏᓐ ᓄᓇᓵᓪᓗ ᐊᐃᑲᑐᖅᓯᒪᐅᖅᓂᖕᖏᓄᑦ ᐃᑲᔪᑕᐅᔪᓐᓇᖅᑐᑦ

ᓄᓇᓪᑭᔨᖅ	ᐊᑎᑦ	ᑲᑐᔭᐊᖅᑎᑎᑭᑭᔨᖅ	ᖃᖅᖏᓪᓗ ᑐᓴᖅᑎᑕᐅᓪᓚᐅᖅᓯᒪᓇᐊᖅᑭᓂᒃᑲᑦ
Information is not available			

ᓕᐃᓴᓐᓂᑦ ᐱᒍᖅᓇᐅᑎ ᐊᖏᕐᑕᑕᐅᓂᒪᔪᑦ

ᓇᒋᑎᐊᖏᓐᓂᒃ ᐱᓕᓇᐊᓇᕐᓂᐅᓂᐊᖅᑐᑦ ᑎᑎᕀᓐᓄᑦ:

Transboundary
Kitikmeot
North Baffin

ᓕᐃᓴᓐᓂᑦ ᐱᒍᖅᓇᐅᑎ ᐊᖏᕐᑕᑕᐅᓂᒪᔪᑦ

ᑲᓴᒪᑎᔨᐅᔪᑉ ᐊᐃᒃᑐᑐᕐᓂᒪᓐᓂ ᒪᓕᑲᕐᓄᖅᓯᒪᔪᓂᒃ ᐱᕐᔪᕐᓄᖅᓯᒪᔪᓂᓗ ᑲᒪᒋᔭᑦ ᐱᔪᓇᖅᑐᑎᓂᒃ ᓕᐃᓴᓐᓂᓄᓐᓗ ᑲᔪᓂᖅᓴᐃᔭᑦ	ᖃᓄᐃᑦᑐᓕᕆᐅᑉ ᓕᐃᓴᓐᓂᑦᑕᒋᔪᖅ ᐱᔪᓇᖅᑐᑎᓂᒃ ᐊᖏᕐᑕᑕᐅᔪᖅᑐᑦ	ᐃᓐᓇ ᖃᓄᐃᓕᓵᖅᓯᒪᔪᑉ	ᐅᖓᓗᒥ ᑐᓂᔨᖅ/ ᑐᓴᕐᓂᒍᑕᐅᓕᐅᖅᑎᑦᓯᒪᔪᖅ	ᑭᓚᖃᖅᐸᓚᖅᓯᒪᔪ
ᓄᓇᕗᒻᒥ ᖃᓄᐃᔨᓴᖅᑐᓕᕆᔨᒃᑯᑦ	NPC No 148838	Active	2018-06-19	2018-08-28

Project transportation types

Transportation Type	ᓄᓇᒧᑦ ᐊᑐᓴᐅᓂᐊᖅᐸᑦ	Length of Use
Water	recreational yacht	

Project accomodation types

ᐊᓂᖅᓴ,

ᐊᑐᒪᐅᓂᐊᖅᑐᖅ

ᐱᖏᑦ ᐊᖅᑭᔪᖅ ᐊᑐᖅᑕᐅᓂᐅᓴᔪᖅ ᐃᓕᖅᓯᐅᑎᓄᑦᑎᑦ ᐃᓱᑕᐃᑦ, ᒥᑦᓄᐊᕈᑲᑦ, ᖅᑲᒪᑕᓯᖅ, ᓄᓇᓯᐅᑦ ᐊᓯᖅᑭᑦᓄ

ᐊᖅᑭᔪᖅ ᐱᖏᑦ ᐊᑐᒪᐅᓂᐊᖅᑐᖅ ᖅᓱᓂᐃᑦᑐᓂᖅᓱᒪ	ᖅᑲᑦᓯᐅᐸᑦ	ᐊᖅᑭᓂᖅᑭᑦ - ᐳᖅᑐᓂᖅᑭᑦ	ᓯᓇᒧᑦ ᐊᑐᒪᐅᓂᐊᖅᐸ
yacht	1	39 feet	cruise, research

ᑎᑎᕆᐅᓯᓇᓄᒍ ᐅᖅᓯᓴᕐᐃᑦ ᐊᑦᑕᓇᖅᑐᖅᑕᓬᓐᓄ ᐊᑐᖅᑕᐅᓂᐊᕐᓂᖅᑭᑦ

ᓯᓇᒧᑦ ᐅᖅᓯᓴᕐᑎᑭᐅᐊᖅ ᐊᑐᒪᐅᓂᐊᖅᐸ	ᖅᑲᓂᐃᑦᑐᓂᓕᕆᐅᕈᑎᖅ ᐅᖅᓯᓴᕐᑎᑭᐅᐊᖅ	ᖅᑲᑦᓯᐅᐸᖅᑲᐅᑎᑦ ᐅᖅᓯᓴᕐᑎᖅᑲᐅᑎᑦ	ᐃᓐᓴᕐᑎᑦ ᐃᒪᓕᒃᑯᓂᖅᓱᒪ	ᑲᑎᓐᓄᒍ	ᐃᓐᓴᕐᑎᐃᑦ ᐊᒥᓯᓂᖅᑭᑦ	ᓯᓇᒧᑦ ᐊᑐᒪᐅᓂᐊᖅᐸ
Gasoline	fuel	3	300	900	Gallons	inboard engine when needed

ᐃᒪᖅ ᐊᑐᖅᑕᐅᔪᒻᒧᑐᖅ

ᐅᓐᓄ ᑕᒻᖅ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᖅ	ᖅᓄᓂᖅ ᐃᒥᖅᑕᖅᑲᑦᑕᖅᓂᐊᖅᐸᑦ	ᓇᑭᑦ ᐃᒥᖅᑕᖅᑲᑦᑕᖅᓂᐊᖅᐸᑦ
0	Carry drinking water from Greenland	Greenland

ᐊᑲᑕᔪᑦ

ᐊᑲᑕᔪᓪᓗᓂᐊᕐᓂᖅ

ᐱᓕᓗᐊᓗᐅᔾᔨᒪᔨᒧᑦ ᐱᓕᓗᐊᓗᖅᐅᓂᐊᖅᑐᖅ	ᖃᓄᐅᕐᑐᖅ ᐊᑲᑕᔪᖅ	ᖃᓄᐅᑎᒋ ᐊᑲᑕᔪᑦ ᓴᖅᑭᐊᓂᐊᖅᑐᓗᐅᔾᔪᑦ	ᖃᓄᐅᖅ ᐊᑲᑕᖅᑕᐅᓂᐊᖅᓯ	ᓴᓪᓕᒪᖅᓴᐅᑎᑲᑦᑲᓴᓂᐅᓂᐊᖅᑐᑦ
Marine Based Activities	Other, kitchen rubbish	2 bags	leave stowed in vessel	n/a

ᐊᓵᑎᒥᐅᑕᓂᕐᑐᑦ ᐊᑲᑐᖅᑕᐅᓱᒪᓕᒃᑦ

More collaborative research discoveries between Canadian agency and academic researchers with US academic researchers.

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

Survey observations regarding the ice and ocean physical and environmental conditions in the NW Passage and Crocker Bay.

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

ᐃᓐᓇ ᐊᕐᑎᐅᕆᑦ ᖃᓄᐃᑦᑐᑦᓯᓇᐅᓂᖅ: ᓄᓇᕆᑦ ᖃᓄᐃᑦᑐᓂᖅ

ᐃᓐᓇ ᐊᕐᑎᐅᕆᑦ ᖃᓄᐃᑦᑐᑦᓯᓇᐅᓂᖅ: ᐅᒪᔨᖅᑕᖃᖅᓂᖅ

ᐃᓐᓇ ᐊᕐᑎᐅᕆᑦ ᖃᓄᐃᑦᑐᑦᓯᓇᐅᓂᖅ: ᐃᓄᓕᓇᓂᕐᒧᖅᓴᑦ-ᐱᕐᓕᐊᔨᓇᓂᕐᒧᖅᓴᑦ

Miscellaneous Project Information

ᓄᓗᓇᐃᖅᑕᐅᓂᖅᑎᑦ ᐊᖏᑐᖅᑕᐅᓕᒪᔨᑦ ᖃᓄᐃᑦᑐᓂᖅᑎᑦ ᕿᓚᐅᒋᐗᓕᕐᖅᑕᐅᓂᐊᕐᓂᖅᑎᓪᓗ

Cumulative Effects

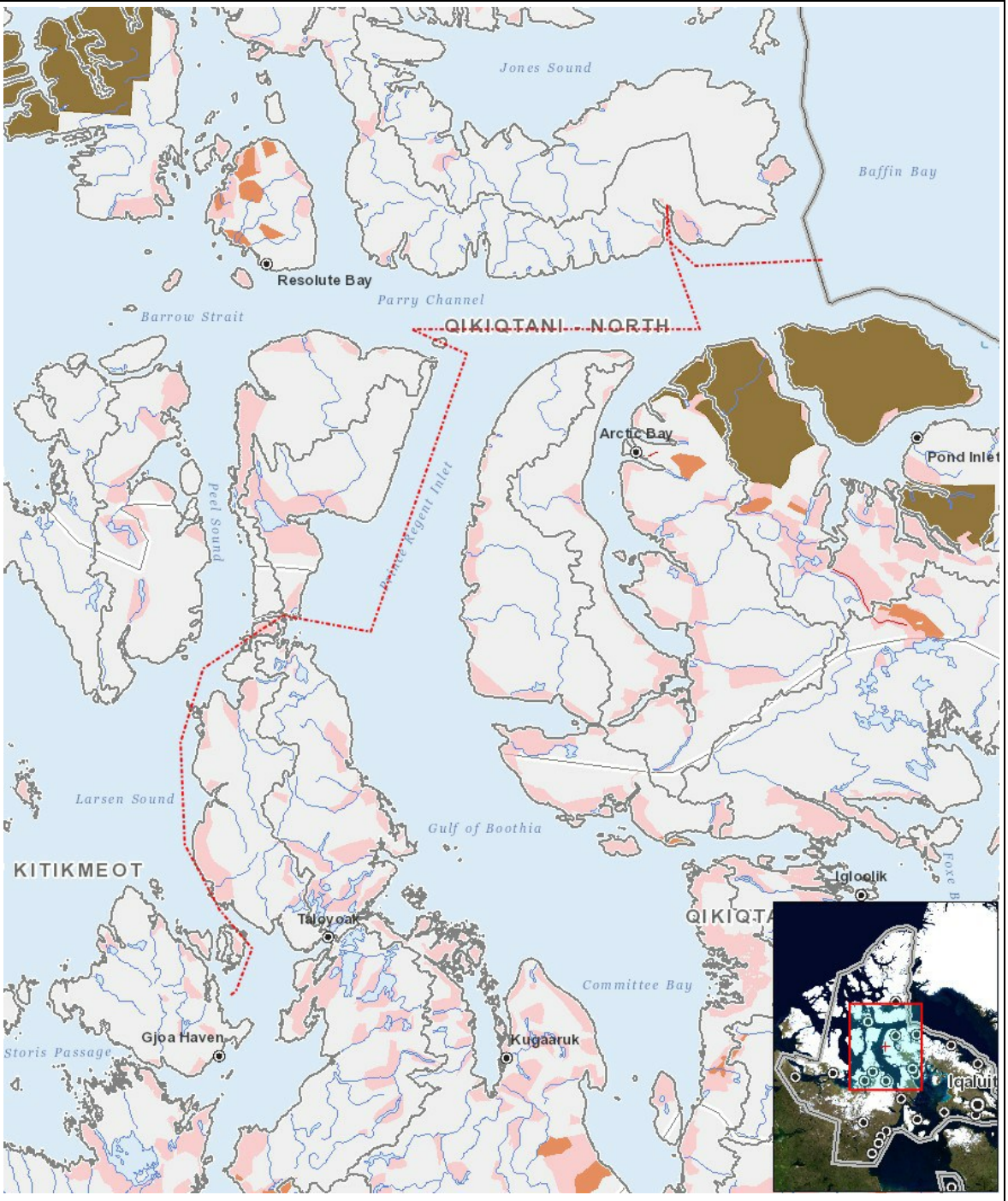
Impacts

ᓄᓇᓄᐃᖅᑕᐅᓂᖅᑎᑦ ᐊᐸᑎᒥᐅᑕᓱᑦᑐᑦ ᐊᑲᑐᖅᑕᐅᓯᒪᔪᑦ

	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
ʕᓄᓂᖅ																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
ᐅᔾᕿᑲᑦᓂᖅ																									
Marine Based Activities		-	-	-	-	-	P	-	-	-	P	-	-		-	-	-	-	-		-	-	-	-	-
ᐃᑐᑦᑎᓇᓂᖅ																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

(P = ᐊᑲᐅᔨᑭᑎᔪᓐᓇᖅᑐᑦ, N = ᐊᑲᐅᖏᑦᔨᔪᑕᐅᔪᓐᓇᖅᑐᑦ ᕿᓚᐅᒻᔨᔪᓂᖅᑐᑦᑕᐅᔪᓐᓇᖅᑐᑦᓗ, M = ᐊᑲᐅᖏᑦᔨᔪᑕᐅᔪᓐᓇᖅᑐᑦ ᕿᓚᐅᒻᔨᔪᓂᖅᑐᑦᑕᐅᔪᓐᓇᖅᑐᑦᓗ, U = ᖃᑲᐅᔨᒪᓐᓇᕐᓂᖅᑐᑦ)

PROJECT MAP



LIST OF PROJECT GEOMETRIES:

1 polyline Transit through Northwest Passage with survey in Crocker Bay