



මෙත්ග දදනුවාදේ බෙලුම්රුඩ් සැලැස් #125605

Coastal hazard assessment in Kugluktuk and Grise Fiord (Aujjuittuq), Nunavut

සෑම පිටපත්

New

විෂයය:

විෂය අනුකූලතාව

Scientific Research

දිනය

සෑම පිටපත්

4/19/2021 6:27:52 PM

Period of operation:

from 0001-01-01 to 0001-01-01

විෂය අනුකූලතාව:

විෂය අනුකූලතාව

Stephanie Coulombe

Polar Knowledge Canada

CHARS Campus, 1 Uvajuq Road, PO Box 2150

Cambridge Bay Nunavut X0B0C0

Canada

දීමුදාන්: 867-983-6676, ජ්‍යෙෂ්ඨ:

፩፻፲፭ ዓ.ም. ሌጭ ተስፋይ እና ተስፋይ

▷ ΔÀΔÛOJÉ: Ce projet vise à étudier et mesurer l'érosion côtière à Kugluktuk et Grise Fiord. Ce projet de recherche communautaire a deux objectifs: 1) acquérir de nouvelles connaissances sur les processus d'érosion côtière et la dégradation du pergélisol et 2) offrir des opportunités d'apprentissage et de formation, en mettant l'accent sur les jeunes. La mise en œuvre de ce projet se fera sur deux ans entre 2021 et 2023. Cette période de deux ans permettra de recueillir une bonne quantité de données pour étudier la dynamique côtière des régions visées par le projet, car l'érosion côtière implique diverses causes d'activités environnementales liées aux changement climatiques.

Inuinnaqtun: Tapkuat tamaitnut pityutai uuma havanguyuq naunaiyaqni piyaunilu tariup hinaa nungutpaliania talvani Kugluktuk tamnalu Auhuittuq. Una nunallaami ittuq ihivriuqniq havauhikhaq piqaqtuq malruuknik tikinnahuarutingit: 1) pitariangi nutat ilihimayauyt taphumunga tariuq hinaa nungutpaliania pityuhit tamnalu nunap qiqumaitnaqnia huruqpaliania; tamnalu 2) piqaqtittangi ilitniq iliharniqlu pilaqnit, piplugu akhuqyuminia inulrammiqnut.

Personnel

Personnel on site: 8

Days on site: 50

Total Person days: 400

Operations Phase: from 2021-06-29 to 2021-08-29

Λεπτόνεια στην Ελλάς

ӮӮ	ӮӮ	ӮӮ	ӮӮ	ӮӮ	ӮӮ
Kugluktuk erosion assessment	Researching	Municipal	N/A	N/A	Kugluktuk
Grise Fjord erosion assessment	Researching	Municipal	N/A	N/A	Grise Fiord

መር-▷ ልር▷ ንብር▷ ሁኔታውን መርትኝ ተ ይለንበት ሁሉም ልሩር▷ ሁኔታውን ንብር▷

መመሪያ	ፈሰ	ቤርታዊነበት	ከፍተኛው
ክፍል	SAO (Kimberley Young)	Hamlet of Kugluktuk	2020-07-02
ማಡራስ	Marjorie Dobson	Hamlet of Grise Fiord	2020-06-26

ՀԱՅԻ ՐՈՒՍ ԱՐԵՎԱԴՐՈՒԹՅՈՒՆ

Kitikmeot

North Baffin

ՀԱՅՈՒԹՅՈՒՆ ԱՐԵՎԵՇՈՅԻ ԳՐԱՄԱՆԱՏ

ՀԵՂԵՐՆԵԴՐԸ ԳԼՈՒԽ ՎԼՇԻ ՏԵՍ- ԼԵ-ՄԱՓԱՏԵՐԸ ԱՊԼԵ-ՄԱՏԵՐԸ ԵԼՔԸ ԱՐԿԱ-ՑՈՒՈԸ ՀԱ-ՄԱ-ՑՄԸ ԵՎՐԵ-ԱԴՔԸ	ԿԵ-ՄԱ-ՀԵ-Ը- ՀԱ-ԿԵ-ՐԾ-ԿԵ- ԱՐ-Ա-ՑՄ-ԿԵ- ՎՐ-Ա-ՑՎ-ՔԸ	Լ-Ա ԿԵ-ՄԱ-ՀԵ- ՎՐ-Ա-ՑՎ-ՔԸ	Դ-Ե-ՐԸ-ՀԵ- ՀԱ-ԿԵ-ՐԾ-ԿԵ- ՎՐ-Ա-ՑՎ-ՔԸ	Բ-Ե-ՐԸ-ՀԵ- ՀԱ-ԿԵ-ՐԾ-ԿԵ- ՎՐ-Ա-ՑՎ-ՔԸ
Ա-ՀԵ-ՐԸ- ՀԱ-ԿԵ-ՐԾ-ԿԵ- ՎՐ-Ա-ՑՎ-ՔԸ	LICENSE TO CONDUCT PHYSICAL/NATURAL SCIENCES RESEARCH	Applied, Decision Pending		

Project transportation types

Transportation Type	Means of Transport	Length of Use
Water	small boat	
Land	ATVs	

Project accommodation types

፭፻፲፯

ՀԵՐԱԿԱՆ ՀՈՎՄԱՆ ԱՆԴԱՎՈՐԻ ԱՆԴԱՎՈՐԻ ՀՈՎՄԱՆ ՀԵՐԱԿԱՆ

በበኩረምናውን የኩረምናውን ስርዓት በኩረምናውን የኩረምናውን ስርዓት

የዕለታዊ ዶክተርዎች	የቴክኖሎጂውን ፈጸም	የቴክኖሎጂውን ፈጸም	የቴክኖሎጂውን ፈጸም	የቴክኖሎጂውን ፈጸም	የቴክኖሎጂውን ፈጸም	የቴክኖሎጂውን ፈጸም
Gasoline	fuel	1	20	20	Liters	Portable earth auger refuelling.

ΔL₄₆ ◉C₄₆CDRL₄₆C₄₆

▷ ↵ C L ↶ D ↶ C ▷ σ - ▷ ↶	↑ b ↶ Δ Γ ↶ C ↑ b c C ↑ σ - ▷ ↶	↶ P ↶ Δ Γ ↶ C ↑ b c C ↑ σ - ▷ ↶
0		

ፈ.ፌ.ዲ.ሪ

ፈ.ፌ.ዲ.ሪ-መ-ፈ.ፌ.ዲ.ሪ

አ-መ-ፈ.ፌ.ዲ.ሪ	የ-መ-ፈ.ፌ.ዲ.ሪ	የ-መ-ፈ.ፌ.ዲ.ሪ	የ-መ-ፈ.ፌ.ዲ.ሪ	የ-መ-ፈ.ፌ.ዲ.ሪ
Information is not available				

ፈ.ፌ.ዲ.ሪ-መ-ፈ.ፌ.ዲ.ሪ

The only permanent structures we intend to install in the field are rather small. It is a vertical 3-inch ABS pipe rising about one metre out of the ground. This pipe shelters the thermistor cable and the data logger that will measure and record soil temperature data. We will also install time-lapsed cameras to monitor coastal erosion rates.

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

Л°а ፳፻ሺ፻ የዕድልናንድሮና፡ ሙዕሻ የዕድልናንድሮና

ለዕዲ የዕድልናንድሮና፡ ትዕዛዝናንድሮና

ለዕዲ የዕድልናንድሮና፡ ሰዕስናንድሮና-አቅርብናንድሮና

Miscellaneous Project Information

ሙሉ አገልግሎት የዕድልናንድሮና ተወካይነት የዕድልናንድሮና ተወካይነት

Cumulative Effects

Impacts

物理影响 研究 环境影响 社会经济影响

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	-	-	-	-	-	-	-	-	-	-	-

(P = 物理影响, N = 研究, M = 环境影响, U = 社会经济影响)



List of Project Geometries

1	polygon	Kugluktuk erosion assessment
2	polygon	Grise Fjord erosion assessment