



New

Scientific Research

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b6/b7C: from 0001-01-01 to 0001-01-01

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ᐅᕐᓴᕐᓴᕐᓴᕐ: 7098968912, ᓵᕐᓴᕐᓴᕐ:

$\gamma_b \Delta^c \dot{\gamma} \cap \sigma^b \quad \wedge c_n \nabla^{\gamma_b} \gamma_{\sigma} \nabla^a b^{\gamma} \sigma^b$

ᐱᓄᓇ ᑭᓚᑦ: Determine the species or subspecies of geese locally known as the lesser geese. Where are they coming from? They first appeared along coastal Labrador following a high wind event over a decade ago. Since that time, they have returned each year in the early fall and have been reported from Saglek to Port Hope Simpson. Since 2014 Environment and Climate Change Canada has been working with Indigenous groups and harvesters to collect reference samples. Measurements have not been effective in solving the goose mystery. We are now branching out to include a variety of methods such as isotopes, genetics, and community engagement in order to provide some additional clues on where these geese come from!

▷ Δ Ἀ Ὠ ς : Déterminer l'espèce ou la sous-espèce d'oies connues localement sous le nom de petites oies. D'où viennent-elles ? Elles sont apparues pour la première fois le long de la côte du Labrador à la suite d'un épisode de vents violents il y a plus de dix ans. Depuis lors, elles reviennent chaque année au début de l'automne et ont été signalées de Saglek à Port Hope Simpson. Depuis 2014, Environnement et Changement climatique Canada collabore avec des groupes autochtones et des exploitants pour recueillir des échantillons de référence. Les mesures n'ont pas été efficaces pour résoudre le mystère des oies. Nous nous diversifions maintenant pour inclure une variété de méthodes telles que les isotopes, la génétique et l'engagement communautaire afin de fournir des indices supplémentaires sur l'origine de ces oies !

[illegible]

Inuinnaqtun: Naunairlugit kituungmangaat uluagullikpiat, ilihimajaujunit uluagullingnik. Humit tikipangmangaat? Tautuktauqaaliqhimajut Labrador hinaanitigut angurijuaqtuqaqhimatillugu qangaaraaluk, talvangaanit takunaqhiqattaqhimalitqut Saglekmit, Port Hope Simpsen mut. Talvangaata 2014 mit Avatilirinikkut, Hilaliriniup Aallanguqtirnitigut havaqatigiiliqhimajut Nunaqaqaqhimajullu katitirinahuaqhutik ilitturijjutikhamingnik. Uuktuutilaangit ikajuutauqpiaqhimangittut naunaijaijunit. Hajja aallanik uuktuqpalliaqiqtugut ulluagulliit timinginginnut, ijjuhiinnut, humiluuniit tikitpangmangaata!

Personnel

Personnel on site: 0

Days on site: 0

Total Person days: 0

Operations Phase: from 2022-06-10 to 2022-10-31

ለፍጥነት ለማረጋገጥ የሚያስፈልጉትን መረጃ ያስገቡ

ደረጃ	የፍጥነት ማረጋገጫ ለፍጥነት ማረጋገጫ	የፍጥነት ማረጋገጫ	በፍጥነት ማረጋገጫ ላይ የሚገኝ የፍጥነት ማረጋገጫ	በፍጥነት ማረጋገጫ ላይ የሚገኝ የፍጥነት ማረጋገጫ	በፍጥነት ማረጋገጫ ላይ የሚገኝ የፍጥነት ማረጋገጫ
Bylot Island Bird Sanctuary	Other	Crown	N/A	N/A	N/A

በፍጥነት ማረጋገጫ ላይ የሚገኝ የፍጥነት ማረጋገጫ ላይ የሚገኝ የፍጥነት ማረጋገጫ

የፍጥነት ማረጋገጫ	የፍጥነት ማረጋገጫ	የፍጥነት ማረጋገጫ	የፍጥነት ማረጋገጫ
Information is not available			

ᑕᐃᑦᑦᑦ ᐱᑭᑦᐃᑦ ᐃᑦᑦᑕᐃᑦᑕ

ᐃᑦᑦᑦᑦ ᐱᑕᑦᑕᑦᐃᑦᑕᑦᑕ ᑎᑎᑦᑕᑦ:

- Kitikmeot
- Kivalliq
- North Baffin
- South Baffin

ᑕᐃᑦᑦᑦ ᐱᑭᑦᐃᑦ ᐃᑦᑦᑕᐃᑦᑕ

ᑕᑦᑕᑦᑕᑦᑕᑦ ᐃᑦᑕᑦᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦᑕᑦᑕᑦ ᑕᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦᑕᑦᑕᑦ ᑕᐃᑦᑦᑕᑦ ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ	ᑦᑕᑦᑕᑦᑕᑦᑕᑦ ᑕᐃᑦᑦᑕᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ ᐃᑦᑦᑕᑦᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ	ᐃᑦᑕᑦᑕᑦᑕᑦ/ ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ	ᑕᑦᑕᑦᑕᑦᑕᑦ
ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ	Scientific permit under the Migratory Bird Regulations	Active		
ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ	Migratory Bird Sanctuary permit under the Migratory Bird Sanctuary Regulations	Active		

Project transportation types

Transportation Type	ᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦᑕᑦ	Length of Use
Air	We will not be accessing the sites at all. Researchers with separate permits and approvals will be collecting feathers for us in addition to their own work with geese.	

Project accomodation types

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$\triangleleft^b C d^c$
$$\Delta^b C d_C \sim \sigma \Delta^a \sigma^a$$
[illegible]
$$4^{\circ} 07' 20'' \text{C} \quad 4^{\circ} 56' 00'' \text{C}$$

Feather samples will be taken from birds already being handled under other permits. Our project poses no additional risks or impacts beyond the scope of their existing permits.

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 11: Municipal Development

[illegible][illegible][illegible]

Miscellaneous Project Information

$\alpha \rightarrow \Delta^{\text{fb}} \text{CD} \sigma^{\text{fb}} \Gamma^{\text{C}} \quad \Delta^{\text{b}} \text{fb} \text{CD} \Gamma^{\text{L}} \Gamma^{\text{C}} \quad \text{fb} \Delta^{\text{C}} \sigma^{\text{fb}} \Gamma^{\text{C}} \quad \langle \text{CD} \Gamma^{\text{L}} \Gamma^{\text{L}} \text{fb} \text{CD} \sigma^{\text{fb}} \Gamma^{\text{C}} \rangle$

Cumulative Effects

Impacts

[illegible][illegible]
$$(P = \langle b \rangle \Delta_P \cap \langle \Delta^a \rangle^C, N = \langle b \rangle \Delta_P \langle \Delta \rangle \langle \Delta^a \rangle^C \langle \Delta \Gamma \rangle \langle \Delta^b \rangle^b \langle \Delta \rangle \langle \Delta^a \rangle^C \rhd, M = \langle b \rangle \Delta_P \langle \Delta \rangle \langle \Delta^a \rangle^C \langle \Delta \Gamma \rangle \langle \Delta^b \rangle^b \langle \Delta \rangle \langle \Delta^a \rangle^C \rhd, U = \langle b \rangle \Delta \langle \Delta^a \rangle^C \langle \Delta^b \rangle^b)$$

1	point	Bylot Island Bird Sanctuary
2	point	Queen Maud Gulf Migratory Bird Sanctuary
3	point	Dewey Soper (Isulijarnik) Migratory Bird Sanctuary
4	point	East Bay Bird Sanctuary
5	point	Iqaluit
6	point	Pond Inlet
7	point	Kugluktuk
8	point	Rankin Inlet
9	point	Coral Harbour
10	point	Cambridge Bay

11	point	Arviat
12	point	Igloolik
13	point	Whale Cove
14	point	Baker Lake
15	point	Kinngait
16	point	Sanikiluaq
17	point	Naujaat
18	point	Taloyoak
19	point	Arctic Bay
20	point	Kimmirut
21	point	Grise Fiord
22	point	Sanirajak
23	point	Clyde River
24	point	Resolute
25	point	Gjoa Haven
26	point	Pangnirtung
27	point	Kugaaruk
28	point	Qikiqtarjuaq
29	point	Harry Gibbons
30	point	Chesterfield Inlet
31	point	Nanisivik
32	point	Umingmaktok