



መፋঁ একাদশ বিজ্ঞান পত্রিকা #125613

# **Qausuittuq National Park, New Temporary Operational Camp at Dundee Bight + Extension for using Dome Camp as a secondary camp**

New

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#### Period of operation:

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

հՀՐՅԱՎԵՐ

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‘**બેદાંગુસ્ત**’ અને ‘**દીકુસ્ત**’

**Qausuittuq National Park**: Qausuittuq National Park is Canada's 45th National Park, officially established on September 1, 2015. The park is located on the northwest tip of Bathurst Island, including surrounding islands and 2 National Marine Conservation Areas. It is approximately 11,080 square kilometers. There are currently two dome shelters, a shed and an outhouse located in Dome Camp (Erskine Inlet). Dome Camp is well equipped with emergency gear, cookware, non-perishable foods and a first aid kit. It has and continues to provide safe accommodation and shelter to staff, visitors and community members who are accessing the area for operational, visitation, cultural or emergency purposes. Decision was made to seek a new location for the establishment of a main camp, as Dome Camp's location turned out to be in a muddy area, where water is not readily available and where pilots have pointed out safety concerns for landing. Although Dome Camp was intended to close in the event it wouldn't be considered anymore as a permanent location, Qausuittuq National Park would like to keep on operating it as a secondary camp for safety and operational reasons, especially since there is a high number of polar bears frequenting the area. A new temporary operational camp, Dundee Bight, is being considered for a more permanent camp, also as the main airstrip for staff operations. The park is proposing to construct 2 prefabricated 16'X18' hard shelters in the 2021 and 2022 field seasons. The hard shelters themselves will provide safe accommodation for staff, visitors and community members. The area presents good visitor, operational, and ecological monitoring possibilities. Dundee Bight is rich with vegetation and wildlife which would allow staff to monitor the tundra ecosystem in sites that are valuable to the endangered Peary Caribou. Justification of the project: (1) Support visitor experience objectives, by providing an area that can be used as a safe hard sheltered emergency or visitation shelter. Also, the project will ensure that Parks Canada is informing visitors of areas to enter and access the park, areas of cultural history, and safety information. (2) Provide a safe area to be based out of while performing research activities, and supporting other projects associated with establishing ecological monitoring. (3) Meet public safety objectives by gaining a better knowledge of the area and hazards likely to be encountered by visitors, community members, researchers, and Parks Canada staff. (4) Meet objectives set out in the Inuit Impact and Benefit Agreement for Qausuittuq National Park (IIBA). Some of these objectives include visitor access, areas of importance to Inuit, contaminated sites clean-up, training and development of staff, public safety, and management plan development. Activities associated with this project: (1) Construction of two 16'X18' platforms and hard shelters (in 2021 and 2022). (2) Installation of a high tensile portable bear fence (50'X50). (3) There will be tents and canvas shelters assembled for equipment storage and sleeping shelters, but not permanently. (4) Aircraft access (fixed wing and helicopter) to and from the second camp location, which will be constructed in areas suitable to land safely depending on the type of aircraft being operated. (5) Over snow vehicle access during snow covered times of the year. (6) Exploratory hiking, day trips as well as multi-day trips from camp location. (7) Overnighting- exploratory camping, holding in park meetings, and stakeholder meetings (Park Management Committee, community groups). (8) Fuel Cache of approximately 5 drums of fuel during the months of April, May, June, July, and August. All fuel caches will have a BERM and spill kit on site. Any remaining fuel will be brought back to Resolute for proper storage. After 4 operating seasons, Parks Canada will determine if the area is suitable for a permanent operational base camp.

▷ ΔÀΔÛC: Le parc national Qausuittuq est le 45e parc national du Canada, officiellement créé le 1er septembre 2015. Le parc est situé à l'extrême nord-ouest de l'île Bathurst, incluant les îles environnantes et 2 aires marines nationales de conservation. Sa superficie est d'environ 11 080 kilomètres carrés. Il y a actuellement deux abris sous dôme, un hangar

et une toilette sèche situés au camp Dome (Erskine Inlet). Le camp Dome est bien équipé avec du matériel d'urgence, des ustensiles de cuisine, des aliments non périssables et une trousse de premiers soins. Il a fourni et continue de fournir de l'hébergement et un abri sûrs au personnel, aux visiteurs et aux membres de la communauté qui accèdent à la zone pour des raisons opérationnelles, de visite, culturelles ou d'urgence. La décision a été prise de chercher un nouvel emplacement pour l'établissement d'un camp principal, car l'emplacement du camp Dome s'est avéré être dans une zone boueuse, où l'eau n'est pas facilement disponible et où les pilotes ont signalé des problèmes de sécurité pour l'atterrissement. Bien qu'il ait été prévu de fermer le camp Dome dans l'éventualité où il ne serait plus considéré comme un emplacement permanent, le parc national Qausuittuq souhaiterait continuer à l'exploiter en tant que camp secondaire pour des raisons de sécurité et opérationnelles, surtout puisqu'un grand nombre d'ours polaires fréquentent la région. Un nouveau camp opérationnel temporaire, Dundee Bight, est envisagé pour devenir un camp plus permanent, qui servira également de piste d'atterrissement principale pour les opérations du personnel. Le parc propose de construire 2 abris rigides préfabriqués de 16'X18' au cours des saisons 2021 et 2022. Les abris rigides en tant que tels fourniront un hébergement sûr pour le personnel, les visiteurs et les membres de la communauté. La zone présente de bonnes possibilités pour les visiteurs, les opérations et la surveillance écologique. Dundee Bight est riche en végétation et en faune, ce qui permettrait au personnel de surveiller l'écosystème de la toundra dans des sites précieux pour le caribou de Peary, une espèce en voie de disparition. Justification du projet : - Soutenir les objectifs en matière d'expérience des visiteurs, en fournissant une zone qui peut être utilisée comme un abri d'urgence ou de visite sûr et protégé. De plus, le projet permettra de s'assurer que Parcs Canada informe les visiteurs des zones d'entrée et d'accès au parc, des zones d'histoire culturelle et des renseignements sur la sécurité. - Fournir un endroit sûr où se baser pour effectuer des activités de recherche et soutenir d'autres projets associés à l'établissement d'une surveillance écologique. - Atteindre les objectifs en matière de sécurité publique en acquérant une meilleure connaissance de la région et des dangers que sont susceptibles de rencontrer les visiteurs, les membres de la communauté, les chercheurs et le personnel de Parcs Canada. - Atteindre les objectifs énoncés dans l'Entente sur les répercussions et les avantages pour les Inuits du parc national Qausuittuq (ERA). Certains de ces objectifs comprennent l'accès des visiteurs, les zones d'importance pour les Inuits, le nettoyage des sites contaminés, la formation et le perfectionnement du personnel, la sécurité publique et l'élaboration du plan directeur. Activités associées à ce projet : - Construction de deux plateformes de 16'X18' et d'abris rigides (en 2021 et 2022). - Installation d'une clôture à ours portable à haute tension (50'X50). - Il y aura des tentes et des abris en toile assemblés pour l'entreposage de l'équipement et des abris pour dormir, mais pas de façon permanente. - Accès par aéronef (avion à voilure fixe et hélicoptère) à destination et en provenance du deuxième camp, qui sera construit dans des zones appropriées pour atterrir en toute sécurité selon le type d'aéronef utilisé. - Accès en véhicule sur neige pendant les périodes de l'année où il y a de la neige. - Randonnée exploratoire, excursions d'une journée ou de plusieurs jours à partir du camp. - Nuitée - camping exploratoire, organisation de réunions dans le parc et de réunions avec les parties prenantes (comité de gestion du parc, groupes communautaires). - Cache de carburant d'environ 5 barils de carburant pendant les mois d'avril, mai, juin, juillet et août. Toutes les caches de carburant seront dotées d'une berme et d'une trousse de nettoyage de déversements sur place. Tout carburant restant sera rapporté à Resolute pour un entreposage adéquat. Après quatre saisons d'exploitation, Parcs Canada déterminera si la zone convient à un camp de base opérationnel permanent.

Διεύθυνση Απόδοσης και Στρατηγικής Διαχείρισης της Δημόσιας Υπηρεσίας στην περιοχή της Ελληνικής Κυπριακής Δημοκρατίας, η οποία διατάθησε την αναθεώρηση της Στρατηγικής Διαχείρισης της Δημόσιας Υπηρεσίας στην περιοχή της Ελληνικής Κυπριακής Δημοκρατίας για την περίοδο 2015-2019, με στόχο την επίτευξη της αναθεωρητικής στρατηγικής πολιτικής της Δημόσιας Υπηρεσίας στην περιοχή της Ελληνικής Κυπριακής Δημοκρατίας.

## Personnel

Personnel on site: 10

Days on site: 24

Total Person days: 240

Operations Phase: from 2022-07-21 to 2022-07-27

Operations Phase: from 2022-03-28 to 2026-08-12

## Post-Closure Phase: from to



|  |                       |       |  |  |  |
|--|-----------------------|-------|--|--|--|
|  |                       |       |  | Archaeological Site Database. No sites have been found within the existing footprint of the camp.  |  |
| Dundee Bight, Qausuittuq National Park | Harvesting Activities | Crown | No previous infrastructure on the site. Local hunters were known to use the Parks Canada Iglutaaq in the area.   | No known features in the immediate area of Shelter   | The nearest community is Resolute Bay, NU, found 193km southeast of Dundee Bight Camp. |
| Dome Camp, Qausuittuq National Park    | Harvesting Activities | Crown | The dome shelters were constructed in 2017. They have and continue to provide safe accommodation and shelter to staff, Visitors, and local community members who are accessing the area for operational, visitation, cultural or emergency purposes. | No sites have been found within the existing footprint of the camp.  | The nearest community is Resolute Bay, NU, found 220km southeast of Dome Camp.         |
| Dundee Bight, Qausuittuq National Park | Researching           | Crown | The Dome Shelters were constructed in 2017. They have and continue to provide safe accommodation and shelter to staff, visitors, and community members who are accessing the area for operational, visitation, cultural or emergency purposes.       | Known archaeological sites within the park have been documented and information is maintained in the Parks Canada Cultural Resource Management Archaeological Site Database. | The nearest Community is Resolute Bay, NU, found 193km southeast of Dundee Bight.      |
| Dome Camp, Qausuittuq National Park    | Researching           | Crown | The Dome shelters were constructed in 2017. They have and continue to provide safe accommodation and shelter for staff, visitors, and community members who are accessing the area for operational, visitation, cultural or emergency purposes.      | No sites have been found within the existing footprint of the camp.  | The nearest community is Resolute Bay, NU, found 220km southeast of Dome Camp.         |
| Dundee Bight,                          | Tourism Activities    | Crown | Since the creation of the National Park in   | No known features in the immediate area  | The nearest community is   |

|                                     |                    |       |  |   |  |
|-------------------------------------|--------------------|-------|--|---|--|
| Qausuittuq National Park            |                    |       | 2015, Park Staff have been exploring the area for a suitable camp location to support Parks Canada Operations. tourism and research infrastructure will be built and another the following year.   | of shelter.   | Resolute Bay, NU, found 193km Southeast of Dundee Bight.                       |
| Dome Camp, Qausuittuq National Park | Tourism Activities | Crown | The some shelters were constructed in 2017. They have and continue to provide safe accommodation and shelter for staff, visitors, and community members who are accessing the area for operational, visitation, cultural or emergency purposes | No sites have been found within the existing footprint of the camp. | The nearest community is Resolute Bay, NU, found 220km southeast of Dome Camp. |

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| መርመሪያ      | ቍስቲ                               | ቤትና ማዕከል   | የመረጃ<br>በኋላውን<br>በርሃምና |
|------------|-----------------------------------|--|------------------------|
| ኤሌክትራል አካል | Nathaniel Kalluk -<br>Chairperson | Qausuittuq Park<br>Management<br>Committee                       | 2019-11-05             |
| ኤሌክትራል አካል | Andy McDonald -<br>Principal.     | Qarmortalik Ilisarvik -<br>Junior High & High<br>School Students | 2020-03-05             |

# ՀԱՅԻ ՐՅՈՒՄ ԱՐԵՎՈՇՈՅ ՏՐՈՒԼՔԸ

መጥበቃዎች ላይ አገልግሎት ተደርጓል፡፡

## North Baffin

ՀԱՅԻ ՀՅՈՒՄ ԱՐԵՎՈՒՄ ՏՐԱՎԵՐՑ

## Project transportation types

| Transportation Type | Route Used             | Length of Use |
|---------------------|------------------------|---------------|
| Air                 | Twin Otter, Helicopter |               |
| Land                | Snowmobile             |               |

## Project accommodation types

## Temporary Camp

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በበኩረምናውን ደኝነትና ስርዓትና በዚህ የሚከተሉት ነው፡፡

| የዕለፍ<br>ዶናብ ሥነዎች በፌዴራል | የዕለፍ ደንብ<br>ዶናብ ሥነዎች በፌዴራል | የዕለፍ ደንብ<br>ዶናብ ሥነዎች በፌዴራል | የዕለፍ<br>ዶናብ ሥነዎች በፌዴራል | የዕለፍ<br>ዶናብ ሥነዎች በፌዴራል | የዕለፍ<br>ዶናብ ሥነዎች በፌዴራል | የዕለፍ<br>ዶናብ ሥነዎች በፌዴራል |
|------------------------|----------------------------|----------------------------|------------------------|------------------------|------------------------|------------------------|
| Diesel                 | fuel                       | 1                          | 205                    | 205                    | Liters                 | Geo-Stove              |
| Gasoline               | fuel                       | 2                          | 205                    | 410                    | Liters                 | Generator              |
| Propane                | fuel                       | 2                          | 20                     | 40                     | Lbs                    | Buddy Heater           |

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|   |  |                            |
|---|--|----------------------------|
| 1 | Park staff will collect water in<br>5L water jugs. | River at Dundee Bight Camp |
|---|--|----------------------------|

◀ b C d c

$\triangleleft^b C \dot{d} \subset n \sigma \triangleleft^a \sigma^{ab}$

| አር-\ፋኑ-\ፌ-\ፌ-\ፌ-\ፌ | ና-\ፌ-\ፌ-\ፌ-\ፌ-\ፌ               | ና-\ፌ-\ፌ-\ፌ-\ፌ-\ፌ | ና-\ፌ-\ፌ-\ፌ-\ፌ-\ፌ   | ና-\ፌ-\ፌ-\ፌ-\ፌ-\ፌ                            |
|--------------------|--------------------------------|------------------|--|---|
| Camp               | ΔLΔ <sup>c</sup><br>ፈጻሚውን ስራውን | 3L a day         | A 2ft deep x<br>1ft wide pit<br>will be dug to<br>dispose of<br>grey water.<br>Grey water<br>will be put<br>through a<br>strainer to<br>ensure no<br>food scrapes<br>are deposited<br>into pit. 200m<br>away from<br>any water<br>source.  | n/a   |
| Camp               | ዶ-ር-ቤት-ዕስ                      | 3L a day         | Urine will be<br>disposed of in<br>the grey water<br>pit. Disposa-<br>John bags will<br>be used for<br>poop, they are<br>a one time<br>use resealable<br>bag. All used<br>Disposa-john's<br>will be placed<br>in a 205L<br>sealable Barrel<br>and be<br>brought back<br>to resolute<br>bay to be<br>disposed of. | 6 Mil bags are used to line<br>the barrels. |

see attached project description and site assessment. There will be some compaction of the soils around the site with increased foot traffic and the temporary camp. Low impact camping practices will be used. There are potential tent circles in the area (that information still needs confirmation), but the camp would be across the river from that site. Furthermore, staff are well aware of how to avoid disturbing archaeological/cultural sites. Fuel will be stored with secondary containment and a spill kit will always be available on-site. Waste will be packed in waste bags and transported out to Resolute for proper disposal. The Camp Area will be restricted to a 50 x 50 bear fence to minimize impact.

# **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**

L<sup>a</sup> 48014<sup>c</sup> 'b<sup>d</sup>Δ<sup>e</sup>C<sup>f</sup> c<sup>g</sup>n<sup>h</sup>σ<sup>i</sup>l: m<sup>j</sup>Δ<sup>k</sup> 'b<sup>l</sup>Δ<sup>m</sup> j<sup>n</sup>σ<sup>o</sup>l

see attached documents

L<sup>a</sup> 48014<sup>c</sup> 'b<sup>d</sup>Δ<sup>e</sup>C<sup>f</sup> c<sup>g</sup>n<sup>h</sup>σ<sup>i</sup>l: D<sup>j</sup>L<sup>k</sup>R<sup>l</sup>'b<sup>m</sup>σ<sup>n</sup>l

see attached documents

L<sup>a</sup> 48014<sup>c</sup> 'b<sup>d</sup>Δ<sup>e</sup>C<sup>f</sup> c<sup>g</sup>n<sup>h</sup>σ<sup>i</sup>l: Δ<sup>j</sup>m<sup>k</sup>σ<sup>l</sup> j<sup>m</sup>l<sup>n</sup>-Λ<sup>o</sup>c<sup>p</sup>Δ<sup>q</sup>c<sup>r</sup>σ<sup>s</sup>j<sup>t</sup>l<sup>u</sup>c

see attached documents

**Miscellaneous Project Information**

see attached documents

Δ<sup>a</sup>Δ<sup>b</sup>C<sup>c</sup>σ<sup>d</sup> f<sup>e</sup>g<sup>f</sup>h<sup>g</sup>L<sup>i</sup> k<sup>j</sup> 'b<sup>k</sup>Δ<sup>l</sup> j<sup>m</sup>σ<sup>n</sup> f<sup>o</sup> h<sup>p</sup> C<sup>q</sup>σ<sup>r</sup>Δ<sup>s</sup> σ<sup>t</sup> f<sup>u</sup> -

see attached documents

**Cumulative Effects**

see attached documents

## Impacts

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| <b>P H Y S I C A L</b>                                |  |
|---|--|
| <b>Designated environmental areas</b>                 |  |
| 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  |  |
| <b>B I O L O G I C A L</b>                            |  |
| Vegetation  |  |
| Wildlife, including habitat and migration patterns    |  |
| Birds, including habitat and migration patterns       |  |
| Aquatic species, incl. habitat and migration/spawning |  |
| Wildlife protected areas                              |  |
| <b>S O C I O - E C O N O M I C</b>                    |  |
| Archaeological and cultural/historic sites            |  |
| Employment  |  |
| Community wellness                                    |  |
| Community infrastructure                              |  |
| Human health  |  |

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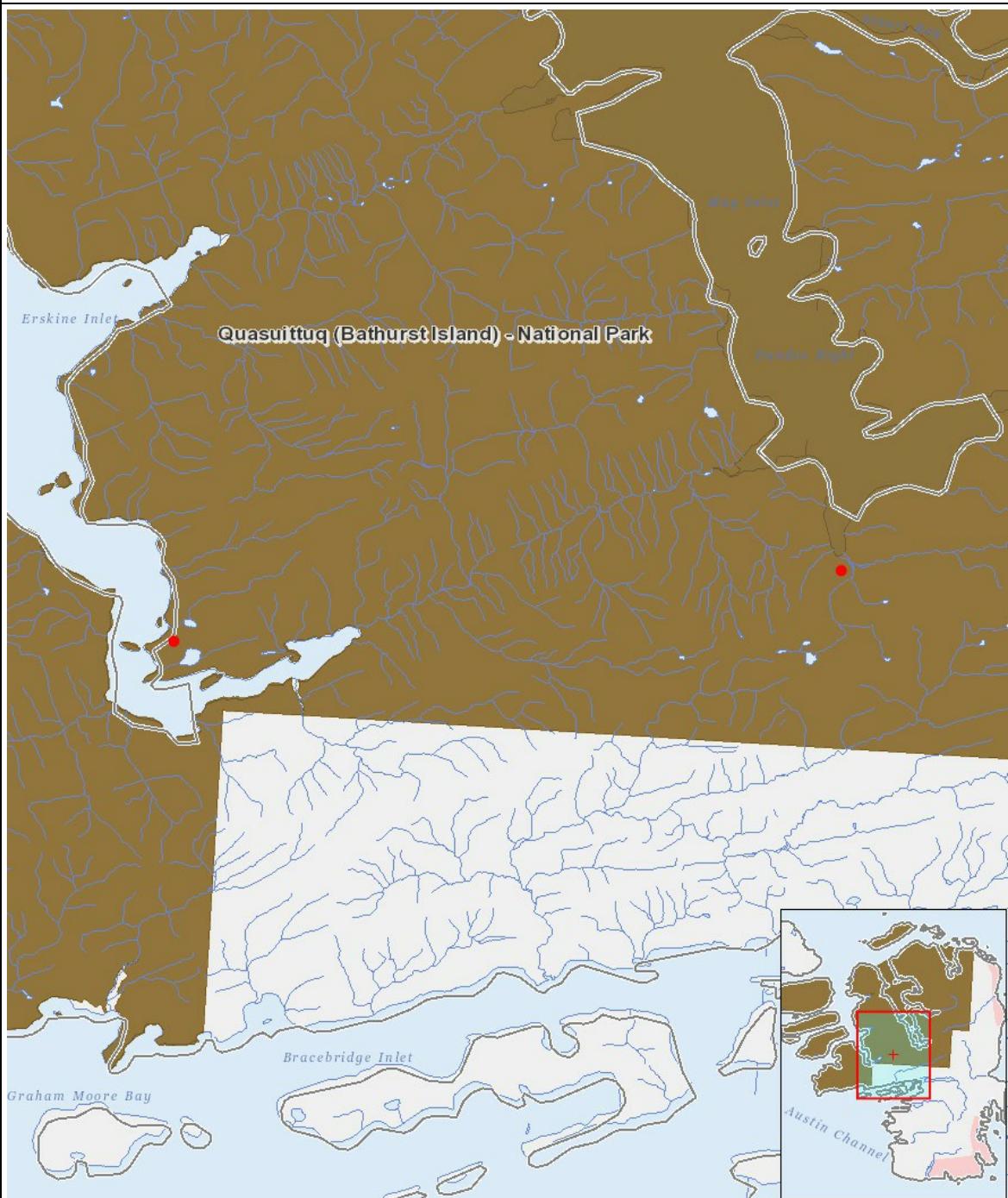
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ΔΕΙΚΝΥΣ

( $P = \text{ԳԵՐԱԴՐՈՒՅԹ} \text{ անցք}$ ,  $N = \text{ԳԵՐԱԴՐՈՒՅԹ} \text{ անցք}$  և  $G = \text{ԳԵՐԱԴՐՈՒՅԹ} \text{ անցք}$ ,  $M = \text{ԳԵՐԱԴՐՈՒՅԹ} \text{ անցք}$   
 $\text{և } U = \text{ԿԵՐպություն}$ )

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## List of Project Geometries

- 1 point Dundee Bight, Qausuittuq National Park
  - 2 point Dome Camp, Qausuittuq National Park