



**Nunavut Research Institute**

**License Holder Reporting requirements**

**For research undertaken in the 2024 calendar year (commencing January 01, 2024 and ending December 31, 2024)**

**Project Title:**

Chidliak Project Environmental Baseline Program

**Project Leader(s):** Full name, affiliation, and contact information (address, phone number, email) of each project leader (principle investigator and co-PIs)

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**Project Team:** Full name, affiliation, and address (name of city/community and province/territory/state) of each member of the project team



**Key messages:** Concise, plain language summary of key take-away messages of work to date, findings and conclusions. Preferably 3-5 points, in bullet form.

Data has yet to be analyzed. All collected data will be archived to advance environmental knowledge work for the Chidliak Project and to form the foundation of environmental baseline reports necessary for an environmental impact statement.

**Objectives:** Project objectives, preferably in bullet form.

All collected data will be archived to advance environmental knowledge work for the Chidliak Project and to form the foundation of environmental baseline reports necessary for an environmental impact statement. Baseline studies will continue into 2025 with continued monitoring of existing stations.

**Annual activities:** A description of activities and methods carried out during the current reporting period. This section should answer the questions: What? Where? When? Who? How? Include dates team members conducted research at remote field sites or collected data (including interviews) in communities; append a map with locations and/or coordinates of remote field sites, if applicable.

In 2024 De Beers continued its environmental baseline work at the Chidliak Project. The field program was conducted in one event and activities were based both out of the Discovery Camp and Iqaluit

1) April 30th to May 2nd: A trip on snowmachine to the project site occurred. De Beers contracted Arctic UAV a local Iqaluit business to perform the work. An array of 77 wildlife cameras were visited to collect data. Data cards were collected and maintenance of the cameras was performed. Cameras were setup to take more photos to be collected in 2025.

2) January to December 2024: Remote meteorological station monitoring for Atmospheric monitoring studies. Weather station data continues to be collected and monitored remotely from in field stations.

**Results and Achievements:** Findings and results to date of the above activities, highlighting any key research achievements (see guide below for formatting tips regarding tables and figures).

2024 Data has yet to be analyzed. In prior years Field samples were processed and all collected data was archived to advance environmental knowledge work for the Chidliak Project and to form the foundation of environmental baseline reports necessary for an environmental impact statement.

**Challenges/Obstacles:** In this section, please comment on any challenges/obstacles (if any) that you experienced during this project year. If there were any actions to mitigate or resolve these challenges, please list them here. Were any concerns raised regarding the conduct of research team members or the impacts of the project?

N/A

**Expected Project Completion Date:** Provide month and year of expected completion date of the project.

TBD

**Project website (if applicable):** If your project has a presence on the internet, including a website and/or social media page, please provide the link and/or account handle.

N/A

**Citations:** Please append a complete reference list if citations are used anywhere in the document.

#### **POLICY RELEVANCE**

Does this research support policy development or decision-making in Nunavut? If yes, please describe.

**RESEARCH OUTCOMES: BENEFITS**

**Community engagement:** Briefly list and describe any community consultation, engagement, collaboration and outreach activities that you have undertaken for the project; describe the role(s) that community members and/or specific organizations have played in research co-design and activities.

Local Inuit business was used for the collection and maintenance of the Wildlife Cameras where they employed local hires to perform the work.

**Youth engagement:** Briefly list and describe any outreach, school or classroom activities that you have undertaken for the project; describe the role(s) that youth have played in your research activities.

N/A

**Training and Employment:**

How many Nunavummiut received training from team members? Please describe training and/or compensation provided.

There was no direct training required for the 2024 work

How many team members received training from Nunavummiut? Please describe training received and/or what knowledge sharing and/or skills exchange took place.

There was no direct training required for the 2024 work.

How many Nunavummiut received employment? Please describe employment type and length, role(s) and responsibilities, and compensation provided.

Work was contracted to a locally owned business.

How many Nunavummiut received honoraria as research participants? Please describe method of participation (interview, observation, sample, survey, etc.), including compensation provided.

N/A



Please explain how the project directly benefited Nunavut organizations and/or businesses (e.g., through contract services, local purchases, equipment donations, etc.)

Work was done specifically by contracting a local business to perform the in field tasks.

**OPTIONAL: Nunavut Team Members, hires, and/or trainees (excluding research participants e.g., interviewees)**

*The NRI is creating an inventory of Nunavummiut who are skilled and/or interested in research. The information provided below will not be shared publicly but will support long-term capacity sharing by connecting local and visiting researchers with research talent in each community.*

Name	Expertise/skills	Training/interest areas	Contact Info	Community

**Academic Mobility**

If you are affiliated with an academic institution, please answer the following question: For which Level of Project(s) will the data be used? (Check all that may apply)

- ☐ Research
- ☐ Post-Doctoral Research
- ☐ PhD Thesis
- ☐ Masters (Major Research Paper)
- ☐ Masters (Thesis)
- ☐ Graduate Course Project
- ☐ Staff/Administration Research
- ☐ Undergraduate Honours Thesis

Other ☐

**BUDGET**

Please complete the table below to detail your projected and actual research expenditures during the reporting period.

Category	Planned/Approved Expenditure	Actual Expenditure
Travel and Accommodation		
Equipment, Materials and Supplies		
Salaries/Wages for Nunavut residents		
Salaries/Wages for non-Nunavut resident researchers		
Professional Fees and services in Nunavut		
Professional Fees and Services outside of Nunavut		
<b>TOTAL EXPENDITURES</b>		

List the total \$ amount of funding from each funding source for your full research program, including in-kind support

Private Corporation

**RESEARCH OUTPUTS / REPORTING TOOLS**

What research outputs were generated? Please list below and append copies of each. Specify which outputs (if any) may be made public on the NRI research licensing database.

Currently no reports are public. Raw data has been archived for future use.

Have peer-reviewed manuscripts been published as a result of your project? If Yes,  
complete the following table:

Full citation	Publicly accessible/ free to access (Y/N)	Link (if available) and DOI (if available)

If No, do you intend to submit a manuscript (or manuscripts) for peer reviewed publication?

Baseline work in 2024 focused upon data collection. Therefore no material has been published.

Were non-peer reviewed materials produced to either communicate or synthesize results to the public? Examples of these materials include (but are not limited to): websites, reports, brochures, podcasts, webinars, presentations, non-peer reviewed publications, etc.

If Yes, complete the following table:

Title	Description of Materials	Link (if available)	DOI (if available)

Did your project develop a communications plan? Please describe communications/reporting tools used, and list the target audience for each and/or who requested which.

Communication between contractor and Project Leads occurred frequently when in the field.

How were Nunavummiut credited and/or acknowledged in all project outputs, such as co-authorship, participant biographies, article acknowledgements, etc.

N/A Data Collected utilized technology.

**DATA AND INTELLECTUAL PROPERTY**

Did you enter into a research agreement, data-sharing agreement and/or intellectual property rights agreement with a community and/or designated Inuit organization (DIO)? If yes, please explain.

Do intellectual property rights apply to your research? If yes, please explain.

Who owns the data? Has the raw data been shared with the appropriate community and/or DIO? If yes, how? How is data security and storage handled by community-based co-owners?

N/A

Where is the data stored and will the data be destroyed within a set timeframe?

Data is held by De Beers or their consultants for future use.

Is the data trackable and/or available in a public data repository? If yes, please provide the appropriate information and/or link to ensure the findability and accessibility of the data.

N/A

Please append a copy of your data management plan.

#### **CLIMATE CHANGE**

Is your research about climate change (causes, impacts, mitigation, adaptation, etc.)? If yes, explain.

Not specific to climate change. However, environmental climate (meteorological) data is collected.

## PHOTOGRAPHS

*If possible, please provide high-resolution photos of licensed research activities that NRI may use in communication materials, organizational reporting, and other promotional purposes. The photographer and all recognizable people in each photo must sign the attached Photo and Video Release form. Please also complete the table below for each photo provided and submit to NRI along with all required NRI photo release forms. The photographer/owner will be credited in all uses of the photograph(s).*

File Name	Location	Description	Subjects	Photographer/Owner	Date

Would you like your project to be considered for a research profile and promotion by the NRI? **Yes**

## **FORMATTING TIPS**

### ***Main text:***

Please supply report in a standard manuscript format (**Microsoft Word format is required**).

### ***Tables:***

Any number of tables can appear in one file (as long as they are clearly marked). Tables prepared using simple table formats as provided in word processing programs such as WordPerfect are preferred. Each table should be numbered according to its appearance in the text (e.g., Table 1, Table 2) and each should have a brief descriptive heading.

### ***Figures:***

Each figure or graphic element should be submitted as a separate file. Black & white and colour graphics are both acceptable. We can accommodate most standard graphic file formats, however, please indicate in which format the graphic was prepared.

### ***References:***

Please use the APA or MLA Citation Style while referencing throughout the report.

### ***Size:***

The size of the electronic document must not exceed 4MB (if larger than 4MB, please send attachments separately and number the emails).