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Post-Closure Phase: from to

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2018_Proposed_Camp_Location_n83z15	Camp	Crown	It is currently unknown if the proposed camp site has been used in the past. The location was selected using GIS and satelliteimagery due to the appropriate terrain composed of a consolidated and durable surface which is able to withstand aircraft and camp use.	There are no known archaeological or paleontological sites in the vicinity of the camp that the company is aware of. All staff and contactors will be properly trained in the identification of potential sites and what do to when a site is located. If an archaeological or paleontological artifact or site is discovered, work in the area will be immediately stopped and INAC and the Department of Culture, Language, Elders and Youth will be notified. Nothing will be removed, disturbed, or displaced.	The Gibson MacQuoid Project is located approximately 100 km southeast of Baker Lake. There are no Parks or other protected areas on the Property other than the Caribou Calving and Post Calving Ranges. The work program will be undertaken under strict adherence to the KIA Mobile Caribou Conservation Measure Document.
Auryn_GMB_Property_Outline_NAD83Z15_Dec2017	Mineral Exploration	Crown	The area has been explored in the past for commodities such as uranium, gold and diamonds. Historic exploration in the area has included mapping, prospecting, till and lake sediment sampling, airborne and ground geophysical surveys and some diamond drilling. In 2017 NCGC completed regional till sampling and the collection of high resolution imagery via Unmanned Aerial Vehicle (UAV) surveying, along with staking 57 new claims.	There are no known archaeological or paleontological sites on the Property that the company is aware of. All staff and contactors will be properly trained in the identification of potential sites and what do to if a site is located. If an archaeological or paleontological artifact or site is discovered, work in the area will be immediately stopped and INAC, KIA and the Department of Culture, Language, Elders and Youth will be notified. Nothing will be removed, disturbed, or displaced.	The Gibson MacQuoid Project is located approximately 100 km southeast of Baker Lake. There are no Parks or other protected areas on the Property other than the Caribou Calving and Post Calving Ranges. The work program will be undertaken under strict adherence to the KIA Mobile Caribou Conservation Measure Document.
Auryn_GMB_Property_Outline_NAD83Z15_Dec2017	Mineral Exploration	Inuit Owned Surface Lands	The area has been explored in the past for commodities such as uranium, gold and diamonds. Historic exploration in the area has included mapping, prospecting, till and lake sediment sampling, airborne and ground geophysical surveys and	There are no known archaeological or paleontological sites on the Property that the company is aware of. All staff and contactors will be properly trained in the identification of potential sites and what do to if a site is	The Gibson MacQuoid Project is located approximately 100 km southeast of Baker Lake. There are no Parks or other protected

			some diamond drilling. In 2017 NCGC completed regional till sampling and the collection of high resolution imagery via Unmanned Aerial Vehicle (UAV) surveying, along with staking 57 new claims.	located. If an archaeological or paleontological artifact or site is discovered, work in the area will be immediately stopped and INAC, KIA and the Department of Culture, Language, Elders and Youth will be notified. Nothing will be removed, disturbed, or displaced.	areas on the Property other than the Caribou Calving and Post Calving Ranges. The work program will be undertaken under strict adherence to the KIA Mobile Caribou Conservation Measure Document.
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የቤተሰብ ምክር ቤት	Baker Lake Public Meeting	See Attached NCGC GMB Project Consultation Log Updated April2018	2018-04-25
ሰነዱ ስም	Public Meeting in Hamlet Chambers	See Attached NCGC GMB Project Consultation Log Updated April2018	2018-04-24
የሰነዱ ስም	Rankin Inlet Public Meeting	See Attached NCGC GMB Project Consultation Log Updated April2018	2018-04-23

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**Project transportation types**

Transportation Type	የሰነዱ ስም	የሰነዱ ስም	Length of Use
Air	0	Single otter, Helicopter	

**Project accomodation types**

Temporary Camp

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Generator	1	small (~ 20 kW)	Electricity for camp
Water Pump	1	General purpose 2 water pump	Water for camp
Dual Chamber Controlled Air Incinerator	1	18-20A	Incinerate combustible waste
Helicopter	1	B12	Transport personnel around project

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Aviation fuel	fuel	75	205	15375	Liters	Helicopter, Twin Otter
Diesel	fuel	20	205	4100	Liters	Heat, equipment
Gasoline	fuel	5	205	1025	Liters	Equipment
Propane	fuel	10	100	1000	Lbs	Kitchen equipment
Motor Oil	hazardous	5	1	5	Liters	Generator
Cleaning Agents	hazardous	10	1	10	Liters	Cleaning

ΔL<sup>9b</sup> ΔC<sup>9b</sup> CΔ<sup>9b</sup> ΔL<sup>9b</sup> ΔC<sup>9b</sup>

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5	The water intakes for the camp will likely use an electrically powered submersible pump with a fine screen (<1/4" openings) on the intake.	Small lake adjacent to camp

Q<sup>b</sup>Cj<sup>c</sup>

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Activity	Waste Management Plan	Number of People	Waste Management Method	Notes
Mineral Exploration	Waste management plan will be developed and implemented.	40 people	Incineration	Waste management operations at the Property will comprise a number of activities with the common goal of reducing the amount of waste generated and to ensure that materials are reused, recycled, or disposed of in a responsible manner.
Mineral Exploration	Waste management plan will be developed and implemented.	40 people	Camp greywater will be stored and treated in an excavated sump, which will allow for slow infiltration into the soil and will be located at least 31 m away from a water body. If available, coarse gravel will be placed in the bottom of the sump to provide filtration, and supports will be built on the sides to prevent slumping. Filters will be installed on kitchen drains to ensure solid food wastes do not enter the sumps and have the potential to attract wildlife. The sumps will maintain a minimum 1 metre freeboard at all times. Sumps and pipes will be	N/A

			inspected at regular intervals for leaks or overflow. When full, greywater sumps will be covered with enough material to allow for future ground settlement.	
Mineral Exploration	ᐃᑦᑕᐱᖅᑐᖅ	Minimal, used oil from generator, etc	All hazardous wastes including waste oils, batteries, aerosol cans and fluorescent light bulbs will be placed in sealed containers and stored within "Arctic Insta-Berms", or similar, for secondary containment until they can be backhauled for recycling or disposal.	Waste management operations at the Property will comprise a number of activities with the common goal of reducing the amount of waste generated and to ensure that materials are reused, recycled, or disposed of in a responsible manner.
Mineral Exploration	ᐃᑦᑕᐃᑦ ᐃᐃᐃᐱᑕᐃᐃᑦᐱᑦᐱᑦᑕᑦᑐᑦ	40 people	Effort will be taken to reuse or repurpose any materials before disposal is considered. Materials that cannot be reused, repurposed or incinerated such as: scrap metal, glass, electronics, tires, hoses and other rubber materials will be stored in appropriate containers until they can be removed from site for recycling, treatment and/or disposal at an accredited facility.	Waste management operations at the Property will comprise a number of activities with the common goal of reducing the amount of waste generated and to ensure that materials are reused, recycled, or disposed of in a responsible manner.
Mineral Exploration	ᖅᐃᖅᑕᑦᐱᑦᑐᖅ	40 People	Outhouses or Pacto System with incineration or backhaul.	To control sewage pathogens, outhouses will be periodically treated with lime. When full, the pits will be covered with at least 30 cm of compacted soil. If Pacto toilets are used, sewage may be backhauled for proper disposal or incinerated by incinerator specifically designed for that type of waste.

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The potential environmental effects associated with the proposed Gibson MacQuoid Project are considered minor, localized effects that can be mitigated. No significant residual impacts to wildlife or the environment are expected to occur as a result of the implementation of this program. The activities associated with the proposed exploration program will be assessed for environmental risks and impacts. Variables such as topography, climate, fauna, vegetation and stakeholders will be considered. Procedures and/or processes will be implemented to manage and mitigate the identified environmental risks and impacts. Potential wildlife and environmental impacts and mitigation measures are outlined in the NCGC Corporate and Social Responsibility Action Plan (CSRAP). The CSRAP is one of several management plans established by NCGC designed to minimize pollution, protect the environment and protect the health and safety of all workers, contractors, and the community at large from any effects of its materials and operations.

## **Additional Information**

### **SECTION A1: Project Info**

### **SECTION A2: Allweather Road**

### **SECTION A3: Winter Road**

### **SECTION B1: Project Info**

The type of mineral resource under exploration is gold.

### **SECTION B2: Exploration Activity**

The exploration activities associated with this project are till sampling, prospecting/rock sampling and drone flights.

### **SECTION B3: Geosciences**

The proposed 2018 GMB Project work plan includes the collection of additional regional and detailed till samples and high-resolution drone imagery, supported from a temporary camp with fuel cache. The 2018 exploration activities will be required to be conducted within both the core calving and post calving ranges and will be completed under strict adherence to the KIA Mobile Caribou Conservation Measures. Flights will only be conducted under 610m when picking up or dropping off field crews.

### **SECTION B4: Drilling**

N/A

### **SECTION B5: Stripping**

N/A

### **SECTION B6: Underground Activity**

N/A

### **SECTION B7: Waste Rock**

N/A

### **SECTION B8: Stockpiles**

N/A

### **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**

The potential environmental effects associated with the proposed Gibson MacQuoid Project are considered minor, localized effects that can be mitigated. No significant residual impacts to wildlife or the environment are expected to occur as a result of the implementation of this program. The activities associated with the proposed exploration program will be assessed for environmental risks and impacts. Variables such as topography, climate, fauna, vegetation and stakeholders will be considered. Procedures and/or processes will be implemented to manage and mitigate the identified environmental risks and impacts. Potential wildlife and environmental impacts and mitigation measures are outlined in the NCGC Corporate and Social Responsibility Action Plan (CSRAP). The CSRAP is one of several management plans established by NCGC designed to



minimize pollution, protect the environment and protect the health and safety of all workers, contractors, and the community at large from any effects of its materials and operations.

### **Cumulative Effects**

The potential environmental effects associated with the proposed Gibson MacQuoid Project are considered minor, localized effects that can be mitigated and no significant residual impacts to the environment are expected to occur as a result of the implementation of this program. While individually no significant effects are anticipated, consideration should be made to the combination of all existing or known planned activities within the vicinity of the Project area. Some cumulative effects can be positive, such as the case with the establishment of the diamond mines in the NWT, more residents are finishing high school and earning higher salaries. Other positive cumulative effects can be increased employment rate, infrastructure and potential for investment in communities by government. Cumulative effects may also be negative and therefore attention should be given to the potential for these to occur in advance of project growth. Cumulative effects on the land might include changes to the number of wildlife, increases in non-native plants, or the melting of permafrost. Other companies conducting exploration projects the area include Agnico Eagle (claim groups in between the GMB Prospecting permit groups, to the southeast of the GMB project and as well as the small group in the north adjacent to the GMB claims). Kivalliq Energy also has a Project just northwest of the GMB Property.

## Impacts

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