

## Huckleberry Claim

<b>Application Type:</b>	Amendment
<b>Project Type:</b>	Mineral Exploration
<b>Application Date:</b>	11/23/2017 1:44:46 PM
<b>Period of operation:</b>	from 2017-11-23 to 2017-11-23
<b>Proposed Authorization:</b>	from 2017-11-23 to 2017-11-23
<b>Project Proponent:</b>	John Tugak PO Box 14 Arviat Nunavut X0C-0E0 Canada Phone Number:: 867-857-2035, Fax Number::

## DETAILS

### Non-technical project proposal description

English: John Tugak signed a mineral exploration agreement with Nunavut Tunngavik Incorporated to obtain the rights on some mineral properties located mostly west of the Whale Cove community and North and Northwest of the Arviat Community. John Tugak signed on June 30, 2017 an agreement with Agnico Eagle Mines Limited (Agnico Eagle) to continue exploration activities on one of his properties, the property Huckleberry-0001. This property is located on Inuit Owned Land surface and subsurface, approximately 65 km mostly west of the Whale Cove community. Exploration activities, such as prospecting, have already been authorized by Nunavut Planning Commission (NPC), Nunavut Impact Review Board (NIRB) and Kivalliq Inuit Association (KIA). The present application is to permit the installation of an exploration camp on the Huckleberry-0001 property, to permit additional exploration activities including geophysical surveys (airborne and ground support), diamond drilling, rab drilling, trenching and to permit the use of a winter access from the Meliadine area and from Whale Cove up to the Huckleberry-0001 property. Agnico Eagle will manage the exploration activities on this property and will be responsible for its activities. The exploration camp is planned to be installed at the same location where the former exploration camp was installed in the area of the closed portal.

French: John Tugak avait signé une entente avec le Nunavut Tunngavik Incorporated afin d'obtenir les droits minéraux sur certaines propriétés principalement localisées à l'ouest de la communauté de Whale Cove et au nord et nord-ouest de la communauté d'Arviat. John Tugak a signé une entente avec Les Mines Agnico Eagle Ltée. le 30 juin 2017, afin de poursuivre les travaux d'exploration sur une de ses propriétés, la propriété Huckleberry-0001. Cette propriété est localisée sur des terres Inuit de surface et sous-terre et se situe à une distance d'approximativement 65 kilomètres à l'ouest de Whale Cove. Des travaux d'exploration tel que la prospection avaient déjà été autorisés par la commission d'aménagement du Nunavut, par la commission du Nunavut et par l'association Inuit du Kivalliq. L'application présente est produite afin de permettre l'installation d'un camp d'exploration sur la propriété Huckleberry-0001, de permettre certains types de travaux d'exploration additionnels à ceux déjà autorisés tel que de la géophysique à l'aide de supports aérien et terrestre, le forage au diamant, le forage à l'aide d'une drill rig, le décapage ainsi que de permettre l'utilisation d'un accès d'hiver partant du secteur de Meliadine et du secteur de Whale Cove jusqu'à la propriété Huckleberry-0001. Les mines Agnico Eagle Ltée. prendront la charge de ces activités. Le camp est prévu être installé dans le même secteur que l'ancien campement et du portail.

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## Personnel

Personnel on site: 20  
Days on site: 60  
Total Person days: 1200

Operations Phase: from 2017-03-01 to 2025-03-01

## Activities

### Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Exploration area	Mineral Exploration	Inuit Owned Sub-Surface Lands	Area explored in the past. A former exploration camp is present with a closed portal.	Area visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological sites found.	Whale Cove is located approximately 65 km east of the proposed project area.
Huckleberry camp	Camp	Inuit Owned Sub-Surface Lands	Area explored in the past. A former exploration camp is present with a closed portal.	Area visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological sites found.	Whale Cove is located approximately 65 km east of the proposed project area.
Winter access	Access Road	Crown	Due to communities proximity, the area is expected to be used by Inuit for hunting.	Area visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological site found.	Whale Cove and Rankin Inlet
Winter access	Access Road	Inuit Owned Surface Lands	Due to communities proximity, the area is expected to be used by Inuit for hunting.	Area visited by archaeologist during the summer 2017. Report will be submitted to the Government of Nunavut and protection buffer will be established for any archaeological site found.	Whale Cove and Rankin Inlet

### Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Information is not available			

## Authorizations

### Indicate the areas in which the project is located

Kivalliq

### Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Kivalliq Inuit Association	Land use licence authorizing prospection and staking.	Active		2018-05-25

## Project transportation types

Transportation Type	Quantity	Proposed Use	Length of Use
Air	0	Helicopter and otter	
Land	0	Dozer to move drill during winter season, tracked tractors to transport material and equipment during winter season, snowmobiles, atv.	

#### Project accomodation types

Temporary Camp

## Material Use

### Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Diamond drill	1	21500 kg	Rock drilling
Plane otter	1	2500kg	To transport material, equipment and workers
Mini excavator	1	1100kg	To obtain soil samples, to do small excavations around camp site
ATV	2	500kg	To work around camp site
Snowmobile	2	550kg	Transport workers, work around camp site
Dozer D6	1	21500kg	Move diamond drill during winter period
Rab drill	1	1500kg	To obtain rock samples
Tracked tractor	3	20000kg	Transport material and equipment on authorized winter access
Helicopter	2	1500KG	To transport material, equipment and workers

### Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	200	205	41000	Liters	Drilling, heating, electricity, equipment
Gasoline	fuel	20	205	4100	Liters	For small motors, ATV, snowmobiles
Aviation fuel	fuel	200	205	41000	Liters	For helicopters and plane otter
Diesel	fuel	10	600	6000	Liters	Drilling
Diesel	fuel	10	6000	60000	Liters	Drilling
Grease	hazardous	50	25	1250	Liters	Equipment maintenance
Glycol	hazardous	5	1000	5000	Liters	Equipment maintenance
Oil	hazardous	50	25	1250	Liters	Equipment maintenance

### Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
299	By pumping .	From proximal lakes, ponds and rivers

## Waste

### Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Camp	Combustible wastes	7 tons/year	Incineration or transport	NA
Camp	Greywater	5m <sup>3</sup> /day	Disposed of in a natural depression located at least at 31 meters from	NA

			any water body	
Mineral Exploration	Hazardous waste	5 tons/year	Transport in southern facility	Recycling or safe disposal
Camp	Non-Combustible wastes	5 tons/year	Transport in southern facility	Recycling or safe disposal
Camp	Sewage (human waste)	2 tons/year	Incineration or burial.	If incineration, it will be mixed with domestic wastes. If burial, it will be covered with lime before to cover with soil.

#### **Environmental Impacts:**

Potential impact on caribou will be limited by applying mitigation measures described in the Wildlife Protection and Response Plan and by the authorizations conditions applying to the projet. Potential impacts on archaeological sites will be limited by an archaeology field assessment conducted by an archaeologist and by the respect of protection buffers. Potential impact related to spills will be limited with the application of the Spill Contingency and Response Plan and by the use of secondary containments. Potential impact on the water will be limited with the conditions associated to the future water licence that is needed to conduct the proposed activities.

## **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**

### **Description of Existing Environment: Physical Environment**

This area has been worked in the past with drilling and with an underground development. A camp was present on site and remaining material and waste is present.

### **Description of Existing Environment: Biological Environment**

The area is located as near as 20 kilometers from the Hudson Bay and is located in an area where many water bodies are present.

### **Description of Existing Environment: Socio-economic Environment**

The project is located near of the Whale Cove, Rankin Inlet and Arviat communities.

### **Identification of Impacts and Proposed Mitigation Measures**

Potential impacts on caribou will be limited by applying mitigation measures described in the Wildlife Protection and Response Plan and by the application of the authorizations conditions. Potential impacts on archaeological sites will be limited by an archaeologist field assessment and the respect of protection buffers. Potential impact related to spills will be limited with the application of the Spill Contingency and Response Plan and the use of secondary containments. Potential impact on the water will be limited with the application of conditions that will be present in the future water licence that needed to conduct the proposed activities.

### **Cumulative Effects**

The proposed activities area planned to be low scale at this time. Future development (example mining), would have to be assessed in an Environmental Impact Statement (EIS).



## Impacts

## Identification of Environmental Impacts

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