

## Whale Cove Area, Exploration Projects

<b>Type de demande :</b>	New
<b>Type de projet:</b>	Mineral Exploration
<b>Date de la demande :</b>	6/1/2018 9:31:04 AM
<b>Period of operation:</b>	from 0001-01-01 to 0001-01-01
<b>Autorisations proposées:</b>	from 0001-01-01 to 0001-01-01
<b>Promoteur du projet:</b>	Agnico-Eagle Ltd., David Frenette Agnico Eagle Mines Ltd., David Frenette P.O. Box 87, chemin de la mine Goldex Val-d'Or Qc J0Y1Z0 Canada Téléphone :: 819-874-5980. Télécopieur ::

## DÉTAILS

## Description non technique de la proposition de projet

Anglais: Non technical summary Whale Cove Area, Exploration Projects Agnico Eagle Mines Limited (Agnico Eagle) possesses mineral properties located on Crown and Inuit Owned Land in the area located between 20km to 70km of the Whale Cove community. The exploration activities planned on these properties include drilling, prospecting and geophysical surveys. Winter accesses from the Meliadine Mine site and from the Whale Cove community up to some of the exploration areas were screened by NIRB in decision 17EA068. This decision concerned the Huckleberry exploration project. The present application has been prepared to obtain the authorizations for exploration activities in additional areas and also include the installation of an exploration camp in one of these areas. The winter accesses already screened will allow Agnico Eagle to transport material and equipment from the Meliadine Mine and from the Whale Cove community to the exploration sites during the winter, thus reducing the use of helicopters during the exploration season. At this time, a limited quantity of material and equipment is planned to be transported, since these exploration projects are at an initial stage. Winter accesses will be used by tracked tractors (Challenger), passing directly on the ice and snow ensuring soil protection. Snowmobiles could also use these accesses.

Français: Description des projets d'exploration, dans le secteur de Whale Cove Les Mines Agnico Eagle Ltée possèdent des propriétés minérales localisées sur des terres fédérales ainsi que sur des terres Inuit situées entre 20 et 70 km de la communauté de Whale Cove. Les activités d'exploration prévues sur ses propriétés incluent du forage, de la prospection et de la géophysique. Des accès d'hiver entre la mine Meliadine et les secteurs d'exploration et entre Whale Cove et les secteurs d'exploration ont déjà été vérifiés par le NIRB dans le cadre de la décision 17EA068. Cette décision concernait le projet d'exploration Huckleberry. La présente application a été préparée dans le but d'obtenir les autorisations requises pour effectuer des travaux d'exploration sur ces nouvelles propriétés minérales. De plus, un camp d'exploration serait aussi installé sur une de ces nouvelles propriétés. L'accès d'hiver déjà vérifié par le NIRB permettra à Agnico Eagle de transporter du matériel et de l'équipement entre la mine Meliadine et les projets d'exploration ainsi qu'entre la communauté de Whale Cove et ces mêmes projets. Cela réduira les besoins de transport en hélicoptère durant la saison d'exploration. Pour l'instant, un volume limité de matériel et d'équipement est prévu être transporté et ce, puisque ces projets sont à un stade d'exploration initial. Les accès d'hiver seront utilisés par les tracteurs à chenilles de type Challenger qui passeront directement sur la neige et la glace, ce qui assurera une protection du sol. Des motoneiges pourraient utiliser ces accès.

[illegible]

## Personnel

Personnel on site: 20

Days on site: 60

Total Person days: 1200

Operations Phase: from 2018-08-01 to 2025-08-01

## Activités

### Activités

Emplacement	Type d'activité	Statut des terres	Historique du site	Site à valeur archéologique ou paléontologique	Proximité des collectivités les plus proches et de toute zone protégée
New exploration areas	Mineral Exploration	Inuit Owned Surface Lands	New mineral exploration properties.	Area was 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. Additional field study will be conducted.	Whale Cove is the nearest community. The properties are located in the caribou protection area (KRLUP).
New exploration areas	Mineral Exploration	Crown	New mineral exploration properties.	Area was 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. Additional field study will be conducted.	Whale Cove is the nearest community.
Camp proposed	Camp	Crown	New mineral exploration properties.	Area was 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. Additional field study will be conducted.	Whale Cove is the nearest community.

### Engagement de la collectivité et avantages pour la région

Collectivité	Nom	Organisme	Date de la prise de contact
Whale Cove	Ian Copland	Hamlet of Whale Cove/ Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2017-10-11
Arviat	Bob Leonard	Hamlet of Arviat / Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2018-02-15
Whale Cove	Simon Sr. Enuapik	Issatik HTO/ Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2018-02-09
Whale Cove	Ian Copland	Hamlet of Whale Cove / Discussion about the Huckleberry project was conducted, meetings concerning the new mineral properties will be planned soon.	2018-02-13

## Autorisations

Indiquez les zones dans lesquelles le projet est situé

Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l'émission/de la demande	Date d'échéance
Indigenous and Northern Affairs Canada	Land use permit for exploration activities and camp	Not Yet Applied		
Kivalliq Inuit Association	Land use licence for exploration activities	Not Yet Applied		
Office des eaux du Nunavut	Water licence for exploration activities and camp	Not Yet Applied		

## Project transportation types

Transportation Type	Quantité	Utilisation proposée	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

## Utilisation de matériel

Équipement à utiliser (y compris les perceuses, les pompes, les aéronefs, les véhicules, etc.)

Type d'équipement	Quantité	Taille – Dimensions	Utilisation proposée
Diamond drill	1	21500kg	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
Dozer D6	1	21500kg	Move diamond drill during winter period
Rab drill	1	1500kg	To obtain rock samples
Helicopter	2	1500kg	To transport material, equipment and workers
Snowmobile	4	550kg	Work around camp site, transport workers
ATV	4	550kg	To work around camp site
Tracked tractors	3	20000kg	To transport material and equipment on authorized winter access.
Zoom boom	1	TBD	Material/equipment handling.

## Décrivez l'utilisation du carburant et des marchandises dangereuses

Décrivez l'utilisation de carburant :	Type de carburant	Nombre de conteneurs	Capacité du conteneur	Quantité totale	Unités	Utilisation proposée
Diesel	fuel	200	205	41000	Liters	Drilling, heating, electricity, equipment
Gasoline	fuel	20	205	4100	Liters	For small motors, ATV, snowmobiles
Diesel	fuel	4	600	2400	Liters	Drilling
Aviation fuel	fuel	200	205	41000	Liters	For helicopters and plane Otter
Grease	hazardous	50	25	1250	Liters	Equipment maintenance
Oil	hazardous	100	25	2500	Liters	Equipment maintenance
Diesel	fuel	4	6000	24000	Liters	Drilling
Glycol	hazardous	5	1000	5000	Liters	Equipment maintenance

## Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
299	By pumping	From proximal lakes, ponds and rivers

## Déchets

### Gestion des déchets

Activités du projet	Type des déchets	Quantité prévue	Méthode d'élimination	Procédures de traitement supplémentaires

Camp	Déchets combustibles	7 tons/year	Incineration or transport	NA
Camp	Eaux grises	5m³/day	Disposed of in a natural depression located at least at 31 meters from any water body	NA
Mineral Exploration	Déchets dangereux	5 tons/years	Transport in southern facility	Recycling or safe disposal
Camp	Déchets non combustibles	5 tons/year	Transport in southern facility	Recycling or safe disposal
Camp	Eaux usées (matières de vidange)	2 tons/year	Incineration or storage and transport south for disposal	NA

### Répercussions environnementales :

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 during the activities. Potential impact related to hydrocarbon 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 future water licence conditions and internal procedures..

## **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 de l'environnement existant : Environnement physique**

The mineral properties are located both, on IOL and Crown Land. The areas are located in vicinity of the Hudson Bay and include many water bodies .

### **Description de l'environnement existant : Environnement biologique**

Complete assessment would be done should a future development (example mining) is planned.

### **Description de l'environnement existant : Environnement socio-économique**

The mineral properties are located in the area located between 20km to 70km of the Whale Cove community.

### **Miscellaneous Project Information**

### **Identification des répercussions et mesures d'atténuation proposées**

Potential impacts on caribou will be reduced 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 during the activities. Potential impact related to hydrocarbon 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 future water licence conditions and internal procedures..

### **Répercussions cumulatives**

The proposed activities are 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 des répercussions environnementales

Construction																								
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-
Exploitation																								
Camp		-	-	-	-	N	-	-	-	-	-	N	-		N	N	-	-	U		-	-	-	-
Mineral Exploration		N	-	-	-	N	-	-	-	-	-	-	-		N	N	-	-	N		P	-	-	-
Désaffectation																								
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-

(P = Positive, N = Négative et non gérable, M = Négative et gérable, U = Inconnue)