

NIRB Uuktuutinga Ihivriughikhamut #125349

Whale Cove Area, Exploration Projects

Uuktuutunga Qanurittuq:	New
Havaap Qanurittunia:	Mineral Exploration
Uuktuutunga Ublua:	6/1/2018 9:31:04 AM
Period of operation:	from 0001-01-01 to 0001-01-01
Piumayaat Angirutinga:	from 0001-01-01 to 0001-01-01
Havauhikhaq Ikayuqtinga:	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 Hivayautit Nampanga:: 819-874-5980, Kayumiktukkut Nampanga::

QANURITTUT

Tukihiannaqtunik havaariyaumayumik ugauhiyun

Qablunaatitut: 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.

Uivitiitut: 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

Hulilukaarutit

Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
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.

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Tikiraryuaq	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
Tikiraryuaq	Simon Sr. Enuapik	Issatik HTO/ Discussion about the Huckleberry project was	2018-02-09

		conducted, meetings concerning the new mineral properties will be planned soon.	
Tikiraryuaq	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

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Indigenous and Northern Affairs Canada	Land use permit for exploration activities and camp	Not Yet Applied		
Kivalliq Inuit Katimayit	Land use licence for exploration activities	Not Yet Applied		
Nunavut Imaligiyyit Katimayit	Water licence for exploration activities and camp	Not Yet Applied		

Project transportation types

Transportation Type	Qaffiuyut	Qanuq Atuqtauniarmangaa	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

Ihuaqutivaluin Atuqtauyukhan

Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
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.

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
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

Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
299	By pumping	From proximal lakes, ponds and rivers

Iqqakuq

Ikkakunik Munakgiyauyunik

Havaulikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqfirarnirutikhan piyutin
Camp	Ikulalaagtun iqqakuuvaluin	7 tons/year	Incineration or transport	NA

Camp	Qimarivyaktuq imaq	5m ³ /day	Disposed of in a natural depression located at least at 31 meters from any water body	NA
Mineral Exploration	Hivuuranaqtun iqakuuvaluin	5 tons/years	Transport in southern facility	Recycling or safe disposal
Camp	Ikulalimanngittun iqqakuuvaluin	5 tons/year	Transport in southern facility	Recycling or safe disposal
Camp	Anaagun (inuin anaaguin)	2 tons/year	Incineration or storage and transport south for disposal	NA

Avatiliriniqmut Ayurhauingit:

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

Qanurittuq Ittunik Avatinga: Avatingalluanga

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 .

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

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

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

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

Miscellaneous Project Information

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

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..

Tamatkiumayunik Ihuikgutivaktunik

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

Ilitariyauniq Avatiliriniqmut Ayurhautingit

Havakvinga																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
Aulapkaininnga																									
Camp		-	-	-	-	N	-	-	-	-	-	N	-		N	N	-	-	U		-	-	-	-	-
Mineral Exploration		N	-	-	-	N	-	-	-	-	-	-	-		N	N	-	-	N		P	-	-	-	-
Piiqtauniq																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)