NIRB Application for Screening #125460
Whale Cove area Exploration Projects

Application Type:	New
Project Type:	Mineral Exploration
Application Date:	4/4/2019 1:49:45 PM
Period of operation:	from 0001-01-01 to 0001-01-01
Proposed Authorization:	from 0001-01-01 to 0001-01-01
Project Proponent:	Agnico-Eagle Ltd., David Frenette Agnico Eagle Mines Ltd. 765 chemin de la mine Goldex Val-d'Or Qc J9P7G4 Canada Phone Number:: 819-874-5980, Fax Number::

DETAILS

Non-technical project proposal description

English: The present application has been prepared to obtain a land use authorisation to conduct mineral prospection activities and geophysical surveys on the expanded “Snow” mineral property. The exploration activities on the original “Snow” area were already authorized by the NPC decision 148849 and the NIRB decision 17EA068.

French: L'application présente a été préparée dans le but d'obtenir les autorisations d'utilisation du territoire qui sont requises afin d'effectuer de la prospection et de la géophysique sur le territoire élargie de la propriété Snow. Les activités d'exploration sur la superficie initiale de Snow avaient déjà été autorisées par la décision du NPC #148849 et par la décision 17EA068 du NIRB.

Inuktitut: ᐃᓚᓐ ᑐᑦᓯᕆᐅᑎ ᐱᓕᓗᐊᖅᔪᐅᑦᑐᖅ ᐱᓂᐊᕐᓂᓂ ᓄᓇᒥᑦ ᐊᑐᕐᓂᐊᕐᓂᓂ ᐱᔪᖅᓇᖅᑎᑕᐅᓂᒥᑦ ᐅᔭᖅᑲᓂᖅ ᕿᑎᓂᕐᓂᐊᕐᓂᓂ ᐊᓚᒪᓂ ᓄᓇᐅᕐᓂ ᕿᑲᓄᐊᖅᓱᓂᖅᓱᑦ ᕿᑲᐅᔨᕆᐃᓂᓂ ᐊᖅᑭᓕᒥᐊᖅᑕᐅᓯᒪᔪᒥᑦ “ᐊᐳᑎ” ᐅᔭᖅᑲᐃᑦ ᐱᒋᔭᐅᔪᒥᑦ. ᕿᑭᓂᖅᕆᐃᓂᐅᖅᑲᐅᑕᐅᓕᐅᖅᑐᖅ “ᐊᐳᑎ”-ᒥᑦ ᐱᔪᖅᓇᖅᑎᑕᐅᕃᓂᓕᐅᖅᑐᑦ NPC-ᑯᑦ ᐃᓱᒪᓕᐊᖅᓱᓂᑦ 148849-ᒥᑦ ᐊᓚᒪᓗ ᐊᐸᑎᓕᓇᔨᖅᑯᑦ ᐃᓱᒪᓕᐊᖅᓱᓂᑦ 17EA068-ᒥᑦ.

Personnel

Personnel on site: 5

Days on site: 10

Total Person days: 50

Operations Phase: from 2018-07-15 to 2025-09-30

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Snow expansion	Mineral Exploration	Crown	This is a new mineral property staked in 2018.	Archaeological assessments were conducted in the area during previous summers and assessments will continue at the location where exploration activities will be planned	The Whale Cove community is located approximately between 56km and 77 km of the mineral property.
Snow expansion	Mineral Exploration	Inuit Owned Surface Lands	This is a new mineral property staked in 2018.	Archaeological assessments were conducted in the area during previous summers and assessments will continue at the location where exploration activities will be planned	The Whale Cove community is located approximately between 56km and 77 km of the mineral property.

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	Not Yet Applied		
Indigenous and Northern Affairs Canada	Land use permit	Not Yet Applied		

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	Transport from the Huckleberry camp site or from the Whale Cove community will be done using an helicopter.	

Project accomodation types

Other,

Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Diamond drill	1	21500kg	To obtain rock cores.
Dozer D6	1	21500kg	To move diamond drill during winter period.
Rab drill	1	1500kg	To obtain rock samples.
Tracked tractors (Challenger)	3	20000kg	To transport material and equipment on authorized winter access.
Helicopter	2	1500kg	To transport material, equipment and workers.
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.
Snowmobile	4	550kg	Workers transport.
ATV	4	700kg	Transport around the camps.
Zoom Boom	1	TBD	Material/equipment handling.

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Aviation fuel	fuel	20	205	4100	Liters	Helicopter use

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0	No additional use of water is requested by this application.	

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Mineral Exploration	Combustible wastes	7 tons	Incineration and/or transport	NA
Mineral Exploration	Greywater	5m³/day	Disposed of in natural depression located at more than 31 m from a water body.	NA
Mineral Exploration	Hazardous waste	5 tons per year	Transport to a southern facility	Recycling or safe disposal
Mineral Exploration	Non-Combustible wastes	5 tons per year	Transport to a southern facility	For recycling or safe disposal
Mineral Exploration	Sewage (human waste)	2 tons per year	Incineration or transport to a southern facility	NA

Environmental Impacts:

With the limited level of activity proposed, the impacts are planned to be limited and highly predictable. The application of the conditions from the different authorizations needed will reduce potential impacts at a minimum.

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 expansion of the mineral property is located both, on IOL and Crown Land and is contiguous to the Hudson Bay.

Description of Existing Environment: Biological Environment

An assessment of the area would be done should a future development is planned (example: mining).

Description of Existing Environment: Socio-economic Environment

The property is located in the area located between 56km and 77km of the Whale Cove community.

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Potential impact on the caribou will be reduced by applying mitigation measures described in the management plans and by the conditions that will be associated to the authorizations required to perform the exploration activities. Potential impact on archaeological sites will be limited by an archaeologist field assessment and by the respect of protection buffers around the sites found/identified. Potential impact related to hydrocarbon spills will be limited with the application of the best practices and the use of the Spill Contingency and Response Plan.

Cumulative Effects

The proposed activities are planned to be low scale, but any future development (example: mining) would have to be assessed by and environmental impact study.

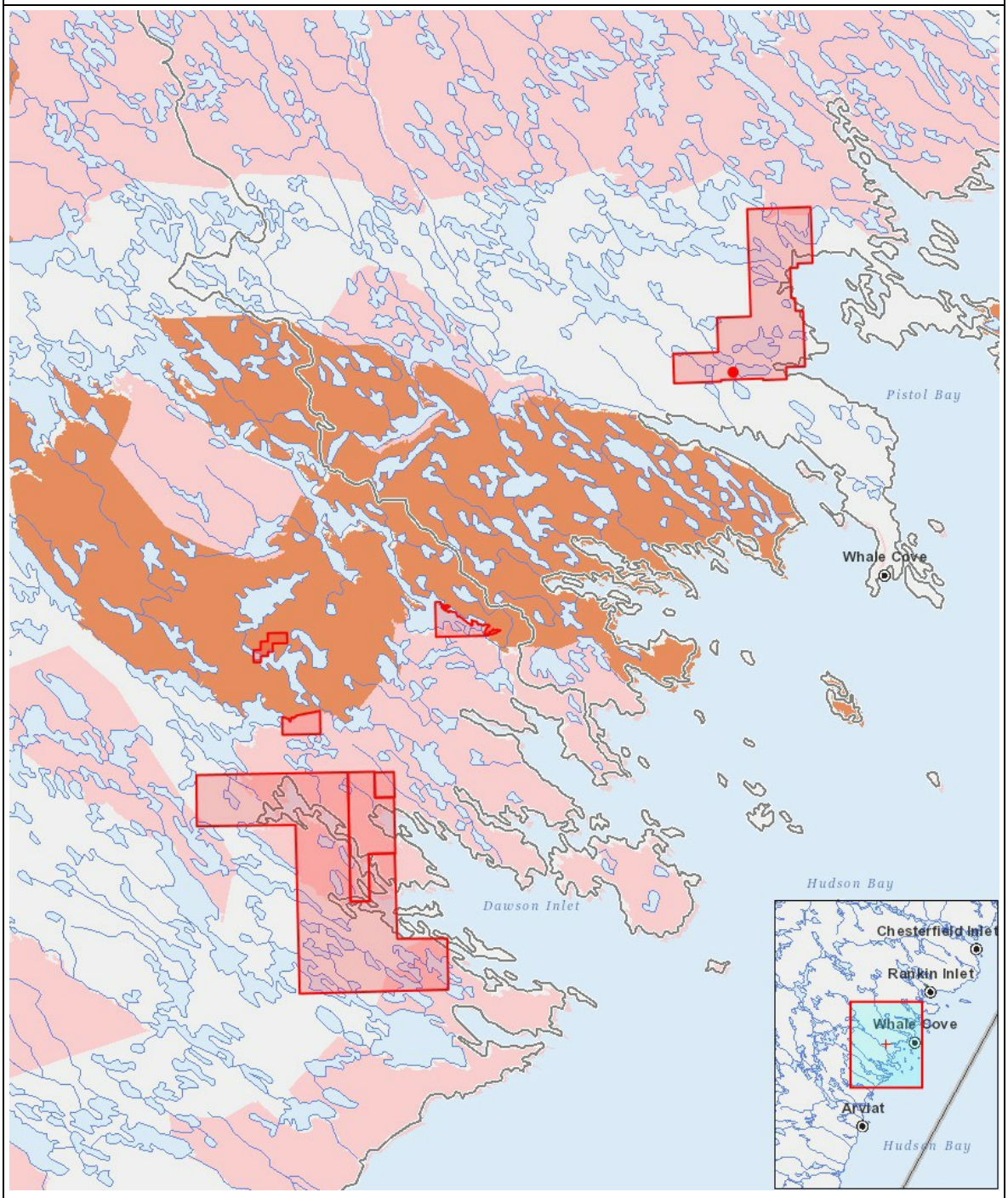
Impacts

Identification of Environmental Impacts

	PHYSICAL	Designated environmental areas	Ground stability	Permafrost	Hydrology / Limnology	Water quality	Climate conditions	Eskers and other unique or fragile landscapes	Surface and bedrock geology	Sediment and soil quality	Tidal processes and bathymetry	Air quality	Noise levels	BIOLOGICAL	Vegetation	Wildlife, including habitat and migration patterns	Birds, including habitat and migration patterns	Aquatic species, incl. habitat and migration/spawning	Wildlife protected areas	SOCIO-ECONOMIC	Archaeological and cultural historic sites	Employment	Community wellness	Community infrastructure	Human health
Construction																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
Operation																									
Mineral Exploration		-	-	-	-	-	-	-	-	-	-	-	N		-	-	-	-	-		P	-	-	-	-
Decommissioning																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

Project Location



List of Project Geometries

1	polygon	Mineral properties, already screened
2	polygon	Huckleberry-0001, already screened
3	polygon	Snow expansion
4	point	Camp proposed, already screened