Appendix 52

Meadowbank and Whale Tail 2019 Wildlife Monitoring Summary Report

MEADOWBANK MINE

2019 WILDLIFE MONITORING SUMMARY REPORT

FINAL

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SECTION 1 • EXECUTIVE SUMMARY

As a requirement of the NIRB Project Certificate, the 2019 Wildlife Monitoring Summary Report represents the 14th of a series of annual Wildlife Monitoring Summary Reports for the Agnico Eagle Mines Ltd. (Agnico Eagle) Meadowbank Mine (the project). Baseline and monitoring programs were first initiated in 1999 and will continue through the life of the mine. Details of the wildlife monitoring program for the project are provided in the Terrestrial Ecosystem Management Plan (Agnico Eagle 2019). The 2019 annual report provides the monitoring objectives, methodology, historical and current year results, and management recommendations for each monitoring program. The 2019 Wildlife Monitoring Summary Report builds on data presented in previous reports and incorporates monitoring recommendations from these reports.

The Government of Nunavut's Caribou (*Rangifer tarandus*) collaring program, ongoing for the past 12 years in the Baker Lake area, continued in 2019 with monitoring of existing collared animals. Seasonal Caribou movements within and adjacent to the Meadowbank Regional Study Area (RSA) were tracked and mapped throughout the year. Collared Caribou were present throughout the year but particularly during spring (i.e., April and May), late summer (i.e., August), and fall (i.e., October) migration. No additional collars were deployed on Baker Lake animals in 2019 but by the end of the year, 31 collars from three deployments remained active.

A Hunter Harvest Study (HHS) conducted from 2007 to 2015 was relaunched in 2019. The study included more than 60 participants of which 42 reported harvesting Caribou. Given an estimated 300 to 350 active hunters in the Hamlet of Baker Lake, the HHS represents from 12 to 14% of hunters in the community. With a total reported Caribou harvest of 647, the total Caribou harvest in Baker Lake is estimated to range from 4,621 to 5,392 Caribou. This estimate is likely high because the current study attracted some of the more successful hunters (e.g., Baker Lake Hunters and Trappers Organization members) in the community.

Six active Peregrine Falcon (*Falco peregrinus*) nests were observed and monitored at quarry sites along the AWAR in 2019, with successful nesting confirmed at one nest. Raptor nests were also monitored along the Whale Tail Haul Road and in the vicinity of the Whale Tail Pit in 2019 with occupancy levels similar to 2017 survey results. Raptor nest management plans were not required at any of the active nest sites along the Meadowbank All-Weather Access Road, the Whale Tail Haul Road, or the Whale Tail Pit area since no project-related effects on raptor nesting success were observed and mine-related activities were restricted around sites.

Numerous road closures were implemented on all project roads, particularly in April and May, to ensure safe passage to large groups of migrating Caribou herds. No Caribou fatalities occurred because of activities at the mine or along project roads. With the Authorization of the GN officer, one Wolverine (*Gulo gulo*) needed to be euthanized after attempts to deter the animal were unsuccessful.

SECTION 2 • OVERVIEW

2.1 BACKGROUND

The Agnico Eagle Mines Ltd. (Agnico Eagle) Meadowbank Mine (the project), located in the Kivalliq Region of Nunavut (**Figures 2.1** and **2.2**), received a Project Certificate No. 004 from the Nunavut Impact Review Board (NIRB) in 2006. The subsequent Water License, GN and CIRNAC Land Lease, and KIA Land Use Production Lease, allowed for the construction of a gold mine and ancillary facilities including an All-Weather Access Road (AWAR), barge unloading facilities, lay-down area, and a fuel tank farm near the Hamlet of Baker Lake. The Whale Tail Pit Project, an extension of the Meadowbank Mine, received a Project Certificate No. 008 from NIRB in 2018. The Project Certificates, and subsequent Water License and land leases, allowed development of five gold deposits in the 11 years since the start of operations at Meadowbank and the first phase of the Whale Tail satellite deposit including construction of the Whale Tail Haul Road.

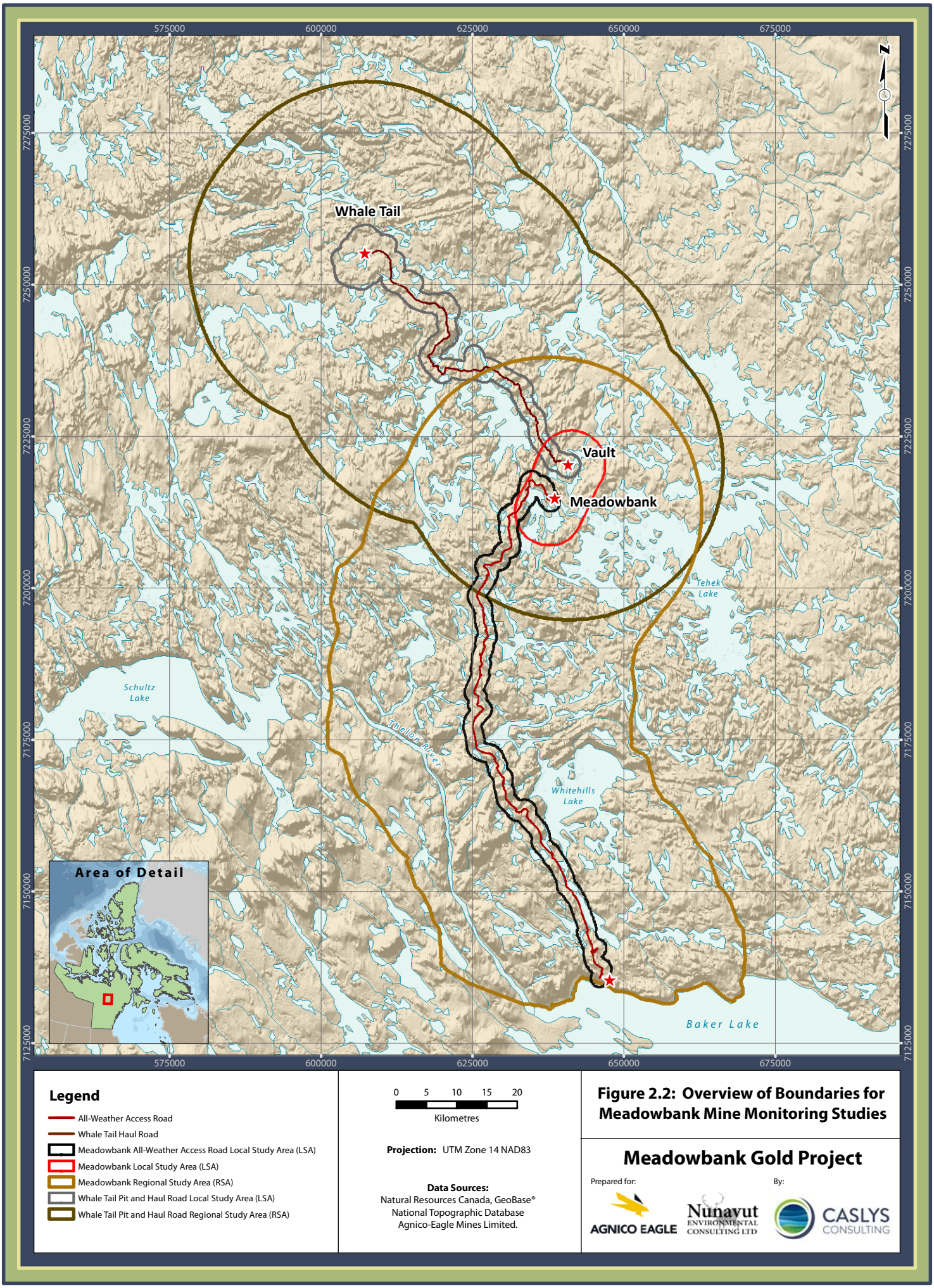
Up to 2017, annual reports were based on the Terrestrial Ecosystem Management Plan (TEMP) developed by Cumberland Resources (Cumberland 2006). The TEMP was a requirement of the Meadowbank Project Certificate No. 004, Condition 54 and Whale Tail Pit Project Certificate No. 008, Condition 28. In 2018, and again in 2019, the TEMP was revised to incorporate the Whale Tail component of the project, and to reflect changes in management and monitoring approaches since 2006 (Agnico Eagle 2019). The revised TEMP also benefitted from collaborative input from the Government of Nunavut Department of Environment (GN), the Kivalliq Inuit Association (KivIA), and the Hunters and Trappers Organization (HTO) of Baker Lake through annual report reviews, technical reviews, workshops, and discussions within the Terrestrial Advisory Group (TAG). The June 2019, Version 7 TEMP provides the basis for the 2019 annual report. The scope of the TEMP is to report on monitoring of the mine during construction, operation, maintenance, reclamation, and closure.

This annual report includes data collected in 2019, the 10th year of operation, and is the 14th of a series of annual Wildlife Monitoring Summary Reports for the project. The purpose of this report is to summarize 2019 data collected from wildlife monitoring programs, and to describe natural variation and potential mine-related changes in wildlife populations within and adjacent to the Meadowbank Gold Mine. The 2019 report describes monitoring objectives and methodology, historical and current year results, mitigation activities, and management recommendations based on 2019 monitoring results.

2.2 PROJECT DESCRIPTION

The Meadowbank Gold Mine, with an operating life of nine (9) years (i.e., until Q3, 2019), is located approximately 90 km north of the Hamlet of Baker Lake, while the Whale Tail Pit extension, with an expected operating life of seven (7) years (2019 to 2025), is located approximately 180 km north of the Hamlet. The Whale Tail Pit extension is a proposed open-pit mine mined by truck-and-shovel operation and will produce 19 M tons of ore. The project is 300 km inland from the northwest coast of Hudson Bay and is above the tree line near the Arctic Circle. The local physiography is characterized by numerous lakes and low, rolling hills covered mainly by lichen/rock complexes, and heath tundra.

Figure 2.1:
Meadowbank Mine
Project Location Map
Legend
Capital City
Towns/Villages
Rivers
Water
National Parks
Data Sources:
Natural Resources Canada
Geological Survey of Canada
Caslys Consulting Ltd.
160°W
140°W
120°W
100°W
80°W
60°W
40°W
20°W
80°N
70°N
60°N
Alert
Ellesmere Island Nat. Park
CANADA
Ellesmere Island
Arctic Ocean
Grise Fiord
Resolute
Baffin Bay
Pond Inlet
Arctic Bay
Victoria Island
N U N A V U T
Clyde River
Davis Strait
Baffin Island
Qikiqtarjuaq (Broughton Island)
Auyuittuq Nat. Park
Igloolik
Hall Beach
Kugluktuk (Coppermine)
Cambridge Bay
Taloyoak
Pangnirtung
Umingmaktok
Gjoa Haven
Kugaaruk
Bathurst Inlet
Foxe Basin
Repulse Bay
Meadowbank and Whale Tail Gold Projects
IQALUIT
Cape Dorset
Kimmirut (Lake Harbour)
Coral Harbour
Hudson Strait
Baker Lake
Northwest Territories
Chesterfield Inlet
Rankin Inlet
Whale Cove
Arviat
Quebec
Alberta
Saskatchewan
Hudson Bay
Manitoba
Churchill
Ontario
0
250
500
Kilometres
Prepared for:
AGNICO EAGLE
Nunavut ENVIRONMENTAL CONSULTING LTD
By:
CASLYS CONSULTING



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Whale Tail Pit and Haul Road Regional Study Area (RSA)

0 5 10 15 20
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited.

Figure 2.2: Overview of Boundaries for Meadowbank Mine Monitoring Studies

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING

Environmental baseline studies were conducted in the project area prior to Meadowbank and Whale Tail mine approvals and integrated into project designs according to the Cumberland (2006) and Agnico Eagle (2019) TEMPs. Wildlife Valued Ecosystem Components (VECs) for the Meadowbank project were identified in consultation with regulatory agencies and Baker Lake residents, and considered criteria such as conservation status, relative abundance within the Project study area, importance in subsistence lifestyle and economy, importance in predator-prey systems, habitat requirement size and sensitivity, and contribution to local area concerns. Based on these selection criteria, key terrestrial VECs determined for the Meadowbank project were Wildlife Habitat, Ungulates, Predatory Mammals, Small Mammals, Raptors, Waterbirds, and Upland Breeding Birds. Because of limited evidence that Small Mammals were affected by the project, this VEC was not included in the Whale Tail extension project or revised TEMP. Further details can be found in the Final Environmental Impact Statements for the Meadowbank Project (Cumberland 2005) and the Whale Tail Pit (Golder 2016).

Construction of a 106.8 km AWAR between the Hamlet of Baker Lake, the nearest community, and the Meadowbank mine was completed in March 2008 and provides mine site access and re-supply, while on-site mine haul and access roads connect open pit areas to ancillary facilities. Meadowbank mine site facilities include a mill, power plant, maintenance facilities, tank farm for fuel storage, water treatment plant, sewage treatment plant, airstrip, and accommodations. Mine components include open pits, waste rock storage facilities, and a tailings storage facility.

In 2008, construction of the AWAR and numerous camp infrastructure facilities was completed, while in 2009, principal mine site construction commenced. Mine operation began in early 2010. Goose Pit was completely depleted in 2015 while Agnico Eagle continued ongoing mining operations at Portage and Vault pits and investigated expansion of the Vault area into Phaser Lake. In 2018, an expansion was made in Pit E (Portage) to extend mining and mill feed to bridge the gap between the end of mining activities in Meadowbank and the start of mining activities at Whale Tail Pit. As a result, mining activities at Meadowbank in 2019 were only ongoing in Pit E but were depleted by Q3 (October), 2019. Mining in the Vault pit continued until Q2 (June), 2019 when the ore had been depleted. The dewatering of Phaser Lake occurred during summer 2016 in preparation for mining activity in Phaser and BB Phaser Pit. Phaser Pit mining activities were completed in Q4 (October), 2018 while BB Phaser mining, which began in early 2018, was completed in Q2 (June), 2019. There are no plans to continue mining in the Meadowbank and Vault areas.

To extend mine operations and milling at Meadowbank Mine, Agnico Eagle has developed the Whale Tail Pit and Haul Road Project, approximately 55 km north of the Meadowbank mine, on a satellite deposit located on the Amaruq property in the Kivalliq Region of Nunavut. The Amaruq Exploration Access Road (AEAR) was built in 2016 and 2017 to access the Amaruq exploration site from the Meadowbank complex. The AEAR was modified into the Whale Tail Haul Road (enlargement) following regulatory approval and was completed in 2018. Construction of the Whale Tail Dike in 2018 allowed for Whale Tail Lake North Basin dewatering in Q1, 2019, the pre-stripping of future Whale Tail Pit, and the construction of major infrastructures including the permanent camp, with accommodation and kitchen facilities for approximately 400 people, sewage treatment plan, tank farm for fuel storage, and freshwater intake. Open pit mining operation at the Whale Tail deposit began in Q3 (September 30th), 2019. Permitting is underway to expand the Whale Tail operation and extend the mine life to 2025.

2.3 STUDY AREA BOUNDARIES

2.3.1 Meadowbank Mine, Vault Pit and AWAR

The Meadowbank Mine Local Study Area (LSA) includes a 5 km radius area centred on the Mine Site and a 5 km radius around the Vault Site creating an elliptical shape with a total area of 194 km^2. The AWAR LSA consists of a 3 km wide corridor centred on the AWAR between Baker Lake and the Meadowbank Mine. The Regional Study Area (RSA) encompasses an area that includes a 25 km radius area around the Main and Vault sites and a 50 km wide corridor along the AWAR for a total area of 5,106 km^2 (**Figure 2.3**).

2.3.2 Whale Tail Pit and Haul Road

The Whale Tail LSA is a 3 km corridor centered on the Whale Tail Haul Road and borrow site access roads (i.e., 1.5 km on either side of the road and 1.5 km around borrow areas) and includes an approximate 1.5 km buffer around development areas at the Whale Tail Pit area, for a total area of 282 km^2. The Whale Tail RSA is a 50 km corridor centred on the Haul Road alignment (i.e., 25 km on either side of the Haul Road and borrow site access roads, and 25 km around borrow areas), with a total area of 5,017 km^2 (**Figure 2.4**).

2.4 MONITORING APPROACH

Wildlife monitoring is an essential tool in protecting and maintaining wildlife occurring near the project. A comprehensive monitoring strategy, along with quantitative monitoring indicators, has been implemented and, as required, is adapted to evaluate the accuracy of impact predictions and to meet the objectives of the management strategy set out in the TEMP (Agnico Eagle 2019). Monitoring programs evaluate the effectiveness of mitigation measures and assess mine-related impact predictions. For all wildlife monitoring programs there is a certain level of uncertainty or unpredictability; therefore, residual effects identified during monitoring may require implementation of adaptive management strategies. Adaptive management is an ongoing process that evolves throughout the life of the project as better and more effective ideas are introduced in a process that is designed to be continually improving. Ongoing review of the TEMP and annual Wildlife Monitoring Summary Reports (which provide results of TEMP monitoring programs) by regulatory agencies, technical reviewers, and stakeholders will further ensure that local and regional concerns have been adequately addressed.

Environmental staff monitor wildlife near mine facilities (i.e., Meadowbank Mine and Whale Tail Pit) and along the AWAR, Vault Haul Road, and Whale Tail Haul Road on a regular basis (discussed in detail in **Sections 3** and **4**). Where unacceptable risks to wildlife are observed, mitigation measures are implemented to avert animals from site activities in accordance with the TEMP (Agnico Eagle 2019). Detailed reporting protocols (e.g., a dangerous animal occurrence, monthly wildlife reports submitted to the GN, road closure notification to GN, KIA, HTO, etc.) are established and implemented by on-site environmental staff. During these events, Agnico Eagle representatives communicate any issues directly with the GN Department of Environment (DoE) Conservation Officer, KIA, and the local HTO.

Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)

0 5 10 15 20

Kilometres

Projection: UTM Zone 14 NAD83

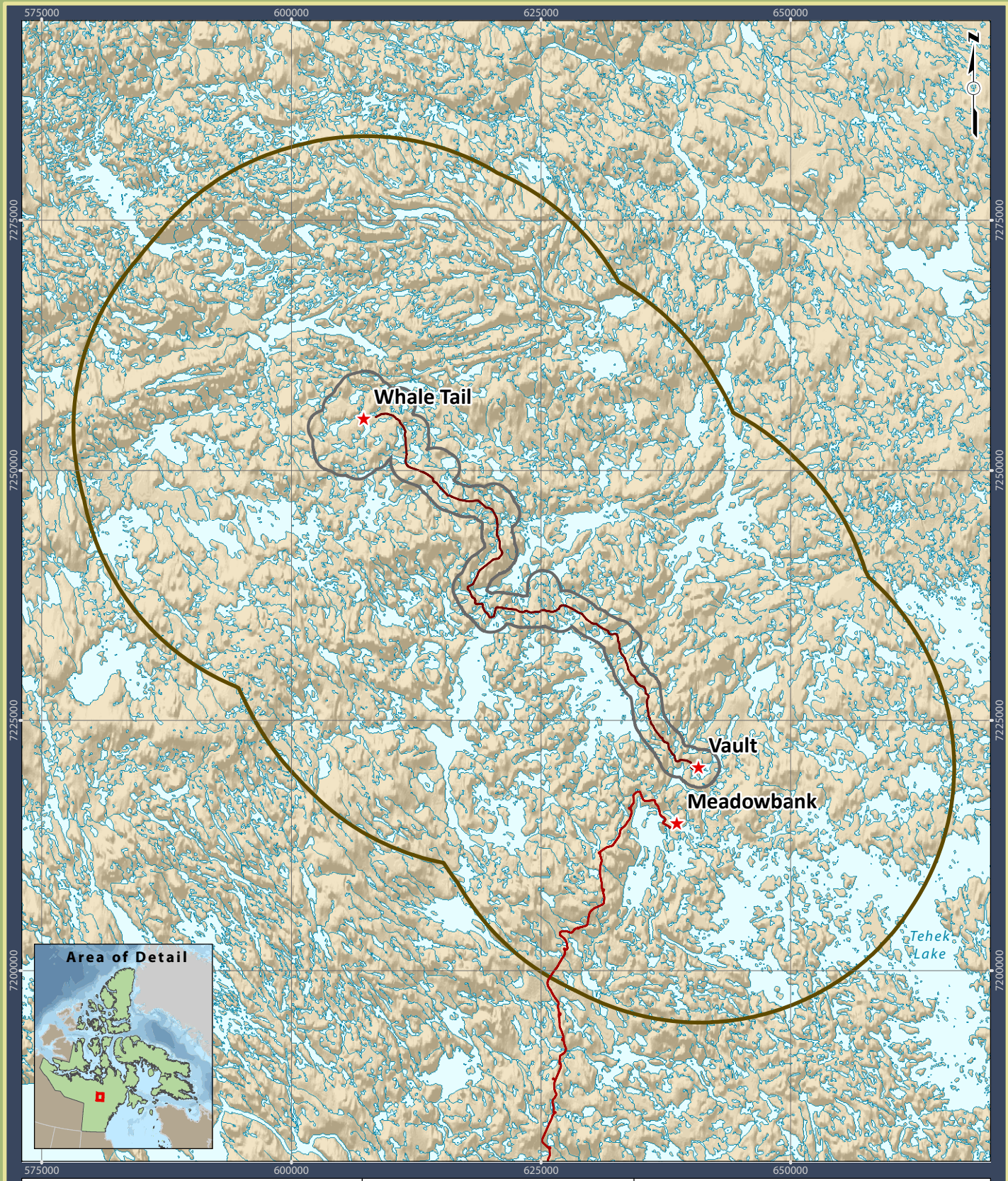
Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited.

Figure 2.3: RSA and LSA Boundaries for the Meadowbank Mine and AWAR

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Whale Tail Pit and Haul Road Regional Study Area (RSA)

0 5 10 15 20

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited.

Figure 2.4: RSA and LSA Boundaries for the Whale Tail Pit and Haul Road

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING

2.5 REPORT OBJECTIVES

The primary objectives of the 2019 Wildlife Monitoring Summary Report are to:

- Report the results of the 2019 wildlife monitoring programs;
- Summarize the monitoring strategy implemented over the course of the year;
- Evaluate the function and validity of implemented monitoring strategies;
- Summarize adaptive management strategies;
- Provide management recommendations for 2019;
- Allow regulators to contribute advice for improving wildlife management; and
- Include a summary of all Caribou-related monitoring, mitigation and management in one consolidated section.

2.6 INUIT INVOLVEMENT

Since 1999, local Inuit from the Hamlet of Baker Lake have been involved in all wildlife-related baseline and monitoring surveys. A summary of the various programs and the average number of Inuit involved since 1999 is provided in **Table 2.1**. As required by the IIBA, "Anything done by Agnico in order to implement the TEMP […] shall incorporate Inuit Qaujimanituqaugit"; therefore, traditional knowledge or IQ has been incorporated in this annual report. The projects are also monitored as part of a Memorandum of Understanding by a representative of the Baker Lake HTO consistently during the year.

Table 2.1: Inuit Involvement in Baseline and Monitoring Programs for the Meadowbank Mine.

Survey Description	Years Conducted (# of Years)	Average # of Inuit Involved
RSA Aerial Survey	1999, 2002 to 2008 (8) – discontinued	2
LSA Aerial Survey	1999, 2002 to 2008 (8) – discontinued	2
Breeding Bird Plots	2003 to 2012; 2015 (11)	2 to 3
Breeding Bird Transects	2005 to 2011; 2015 (8) - discontinued	2
Waterfowl Nest Surveys	2004 to 2012 (9) - discontinued	3
Whale Tail Waterbird Nest Surveys	2018 and 2019 (2)	2
Raptor Nest Surveys	2004 to 2007, 2010 to 2019 (14)	3 to 4
AWAR Ground Surveys	2004 to 2019 (16)	2 to 3
Vault Haul Road Surveys	2017 to 2019 (3)	1 to 2
Whale Tail Haul Road Surveys	2018 and 2019 (2)	1 to 2
Height of Land Surveys	2018 and 2019 (2)	1 to 2
Habitat Mapping	2004 to 2005, 2010, 2012, 2014, 2017, 2018 (7)	1
Phenology Plots	2003 to 2005 (3) - discontinued	2

2.7 TERRESTRIAL ADVISORY GROUP

As per Project Certificate No.008, Condition 27 of the Whale Tail Pit Final Environmental Impact Statement (EIS) Addendum (Golder 2016), Agnico Eagle has established a Terrestrial Advisory Group (TAG) consisting of representatives from Agnico Eagle, the Government of Nunavut Department of Environment (GN-DoE), Environment and Climate Change Canada (ECCC), the Kivalliq Inuit Association (KivIA), and the Baker Lake Hunters and Trappers Organization (HTO).

An MOU and Terms of Reference has been developed and signed by all parties in July 2019. Agnico Eagle will provide a summary of TAG meeting outcomes to the NIRB in the annual report beginning in 2019.

The purpose of the TAG is to:

- Measure the relevant environmental effects of the project on terrestrial wildlife;
- Confirm that the project is being carried out within the terms and conditions of the project certificate relating to the protection of terrestrial wildlife;
- Assess the accuracy of the predictions contained in the final environmental impact statement filed by Agnico Eagle with NIRB in respect of the project;
- Identify and select appropriate target species, indicators and linkages for monitoring;
- Evaluate the effectiveness of mitigation measures and to support any required improvement of those measures;
- Identify any unforeseen environmental effects caused by the project;
- Provide an early warning mechanism to identify any environmental effects caused by the project; and
- Determine and identify any cause-and-effect interactions between the project and the environment.

2.8 MITIGATION AUDIT

A mitigation audit is an annual requirement outlined in the 2019 TEMP. Mitigation approaches stem from current practices at existing mines or were suggested during the environmental assessment process; however, an auditing system is required to evaluate the use and effectiveness of the mitigation, following principals of adaptive management, and to identify additional mitigation measures as required. As an example, per Project Certificate No.008, Condition 32, Agnico Eagle engages with the Baker Lake HTO and other relevant parties to ensure that safety barriers, berms, and designed crossings associated with project infrastructure, including the Whale Tail Haul road, are constructed and operated as necessary to allow for the safe passage of Caribou and other terrestrial wildlife.

The audit is to be undertaken annually and summarized in the annual report, and will focus specifically on mitigation listed in Section 2 of the June 2019 TEMP. The audit will evaluate:

- What mitigation has been implemented;
- Which mitigation is perceived to be, or shown to be successful;
- If new mitigation has been implemented in response to new issues; and
- If some mitigation is redundant.

In 2019, Agnico Eagle took a staged approach to the mitigation audit (e.g., review of safety barriers, berms, and designed crossings along the Whale Tail Haul Road). A complete mitigation audit may be conducted in 2020 but this will be part of discussions within the TAG.

SECTION 3 • ROAD SURVEYS

3.1 OVERVIEW

A systematic ground survey monitoring program for the AWAR, and Vault and Whale Tail haul roads has been designed to evaluate sensory disturbance for wildlife, particularly Caribou (*Rangifer tarandus*), Muskoxen (*Ovibos moschatus*), and Predatory Mammals utilizing habitats adjacent to the roads. The program also monitors incidental mortality of species as they are encountered within the mine infrastructure, but particularly near roads.

3.2 OBJECTIVES

The primary objectives of the road ground survey monitoring program are to:

1. Document wildlife utilization along the AWAR, Vault Haul Road, and Whale Tail Haul Road corridors;
2. Evaluate wildlife trends along the road corridors, including identifying areas where higher densities of wildlife are observed;
3. Assess the need for adaptive mitigation, such as temporary road closures during peak Caribou migration periods;
4. Ensure that mortality thresholds for wildlife are not exceeded;
5. Confirm that Caribou are not killed through road-related mortality. The project-wide threshold mortality level for Ungulates is two (2) individuals per year (as per TEMP 2019); and
6. Confirm that Predatory Mammals are not killed through road-related mortality. The project-wide threshold mortality level for Predatory Mammals is two (2) individuals per year (as per TEMP 2019)

3.3 DURATION

The AWAR, Vault Haul Road, and Whale Tail Haul Road systematic ground surveys are ongoing over the operation phase of the mine and are scheduled to be conducted a minimum of once per week throughout the year, twice per week during Caribou migration (i.e., contingent on weather, road access and personnel availability), and every two days if Caribou/Muskox Group Size Thresholds (GST) are exceeded (see Figures 7 and 8 in 2019 TEMP). Agnico Eagle is committed to conducting a minimum of approximately 75 road surveys per year along the AWAR and Whale Tail Haul Road. The number of surveys along the Vault Haul Road is contingent on whether Caribou have been sighted in the area during mine site ground surveys or are known to be in the area based on collaring data. Monitoring of vehicle collisions and wildlife mortality is continual along all road segments.

3.4 METHODOLOGY

Road surveys were expanded beyond the AWAR to include the recently completed Vault Haul Road, beginning in 2017, and the Whale Tail Haul Road, beginning in 2018. For the Whale Tail Haul Road, Agnico Eagle has signed an MOU with the Baker Lake HTO for a wildlife monitor on the road beginning in October 2018.

The survey team typically includes two observers (one can be the driver) in a vehicle. The terrain on both sides of the road (to a maximum horizontal distance of approximately 1 km perpendicular from the road edge) is surveyed as the vehicle progresses at a maximum speed of 30 km per hour. For each sighting, the vehicle is safely parked in a road pullout and UTM coordinates are recorded along with the estimated distance of the animal(s) from the road, nearest road marker, species, number, direction of travel and a variety of other information (e.g., behavior). Where animals are sighted close to roads and a risk of collision with vehicles is possible, the environmental monitor/observers report the number of animals, location, and direction of travel to the mine radio dispatcher who informs all vehicle operators. In addition, all vehicle operators report Ungulates and Predatory Mammals seen along the road to the dispatcher.

Regular data provided to mine site personnel from the Caribou satellite-collaring program (**Section 6**) are also used to track Caribou movement and potential interactions with roads and mine facilities.

3.5 HISTORICAL RESULTS

Ground surveys commenced shortly following the onset of AWAR construction (2007). Sampling intensity has been comparable along the entire length of the AWAR since 2009. Surveys along the Vault Haul Road have been irregular since its completion but were included as part of regular AWAR surveys in 2016 and conducted separately beginning in 2017. Over the past 13 years (to 2018), surveys have been completed along the AWAR every 3.9 to 6.1 days (2.6 days in 2019) (see **Table 3.1**). Surveys at the Vault Haul Road have been completed every 7.8 to 20.3 days (11.8 days in 2019) (see **Table 3.2**). Surveys in 2018 along the Whale Tail Haul Road were completed every 8.6 days (2.6 days in 2019) (see **Table 3.5**).

3.6 2019 RESULTS

3.6.1 AWAR Surveys

The number of AWAR surveys completed each season in 2019 is provided in **Table 3.1**. The number of systematic road surveys completed in 2019 (n=137) is considerably higher than the annual average of 73 surveys over the previous 12 years and the annual goal of 75 surveys. In 2019, surveys were conducted on average every 2.6 days with survey frequency relatively consistent across the seasons, with the exception of winter. By month, the highest numbers of surveys were in April, October and November corresponding with higher numbers of Caribou observed within the LSA. Raw road survey data are provided in **Appendix A**.

Table 3.1: Details of AWAR Wildlife Surveys from 2007 to 2019.

Season	Number of AWAR Surveys												
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016*	2017	2018	2019
Spring (Apr 01 to May 25)	13	15	15	9	10	14	9	11	17	10	19	9	37
Summer (May 26 to Sep 21)	24	7	10	9	9	13	13	7	16	14	16	12	39
Fall (Sep 22 to Dec 15)	8	15	8	12	11	12	10	11	11	16	14	16	39
Winter (Dec 16 to Mar 31)	33	57	25	36	33	38	31	38	32	38	36	35	22
Year End Total	**78**	**94**	**58**	**66**	**63**	**77**	**63**	**67**	**76**	**78**	**85**	**72**	**137**
Duration	Mar 01 to Dec 31	Jan 02 to Dec 29	Jan 09 to Dec 16	Jan 21 to Dec 17	Jan 10 to Dec 30	Jan 04 to Dec 29	Feb 02 to Dec 27	Jan 12 to Dec 30	Jan 03 to Dec 18	Jan 02 to Dec 27	Jan 03 to Dec 29	Jan 03 to Dec 29	Jan 04 to Dec 27
Average Frequency of Surveys (over duration)*	4.1 days	3.9 days	6.1 days	5.6 days	6.0 days	4.7 days	6.0 days	5.5 days	4.7 days	4.7 days	4.3 days	5.0 days	2.6 days

* Frequency refers to the number of days between surveys, on average over the year

Table 3.2: Details of Vault Haul Road Wildlife Surveys from 2017 to 2019.

Season	Number of Vault Haul Road Surveys		
	2017	2018	2019
Spring (April to May)	9	3	20
Summer (June to July)	7	0	1
Fall (August to September)	7	4	4
Winter (Jan to Mar, Oct to Dec)	24	11	6
Year End Total	**47**	**18**	**31**
Duration	Jan 03 to Dec 29	Jan 30 to Dec 16	Jan 25 to Nov 22
Average Frequency of Surveys (over duration)	7.8 days	20.3 days	11.8 days

* Frequency refers to the number of days between surveys, on average over the year

Cumulative Caribou density along the AWAR for 2019 is provided in **Figure 3.1** (all seasons), **Figure 3.2** (spring and summer Caribou seasons), and **Figure 3.3** (fall and winter). In the 2019 spring Caribou season, the highest Caribou densities were observed south of the Meadowbank mine (i.e., Kms 66 to 90), while in the summer, densities were highest between just north of Whitehills Lake to the Meadowbank Mine (see **Figure 3.2**). In the fall Caribou season, reported densities were highest closest to Baker Lake (i.e., Kms 14 to 20) and in the Whitehills Lake area (i.e., Kms 32 to 54), while densities in winter were very low along the entire AWAR (see **Figure 3.3**).

The 2019 Caribou occurrence data were added to the 2008 to 2018 datasets with the resulting cumulative Caribou numbers presented in **Figure 3.4**. These data illustrate that for over 11 years of surveys, the highest cumulative Caribou abundances along the AWAR continue to be in areas closest to the Hamlet of Baker Lake, and south and north of Whitehills Lake. The 2019 data generally follow this pattern (see **Figure 3.1**).

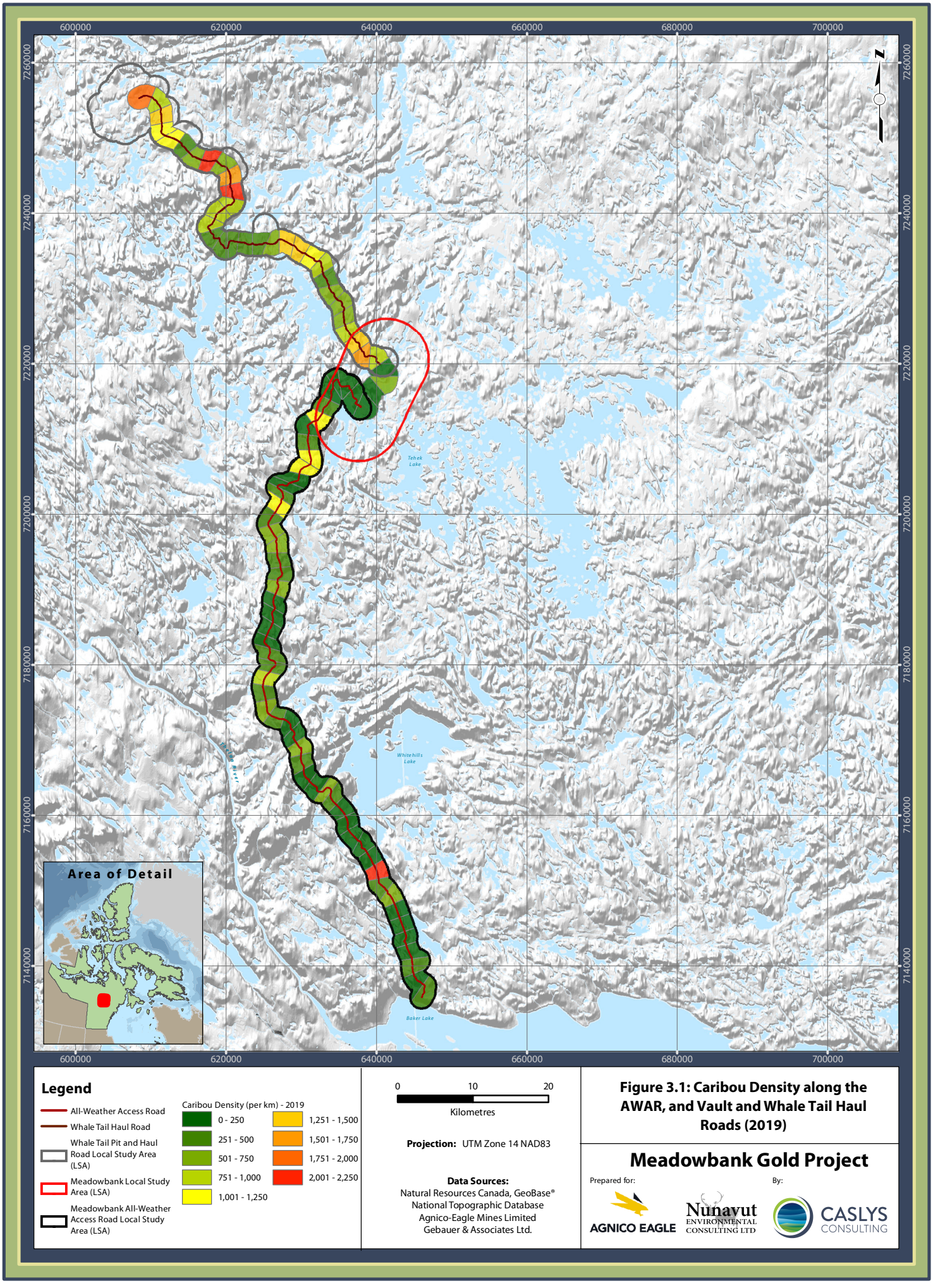
In 2019, Caribou numbers recorded on AWAR surveys were significantly higher than in 2018 and any of the other years that the road surveys were conducted (**Figure 3.5**). The average number of Caribou observed per survey trip in April and October was the highest since surveys began indicating a strong spring and fall migration through the study area (**Table 3.3**). The frequency of Caribou observed during the remainder of the year was relatively consistent with low numbers in midwinter (i.e., December through March) and mid-summer (June to September) (**Table 3.3**).

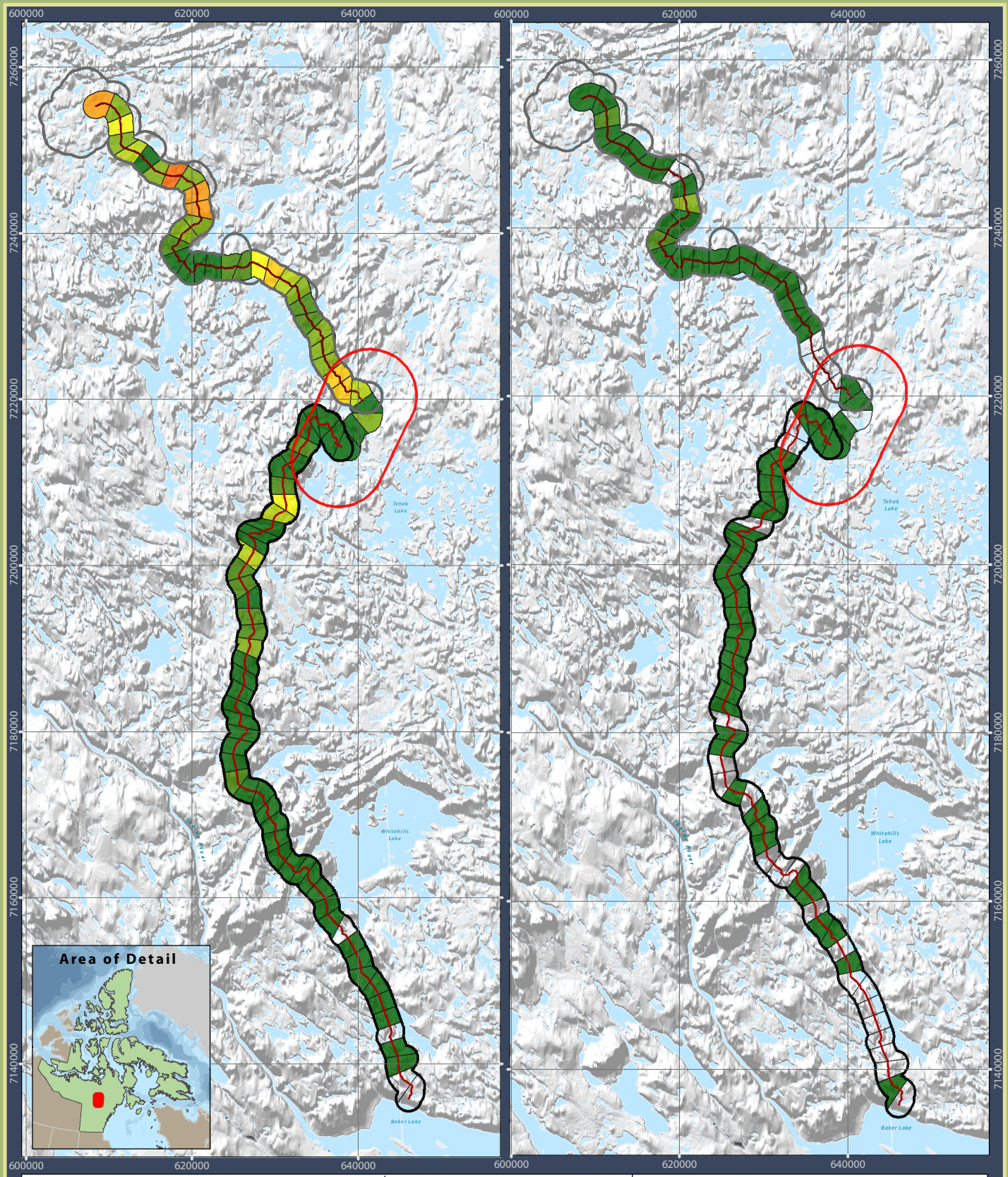
3.6.2 Vault Haul Road Surveys

The number of Vault Haul Road surveys completed each season in 2019 is provided in **Table 3.2**. The total number of surveys fluctuated from 47 surveys in 2017 (i.e., every 7.8 days) to 18 in 2018 (i.e., every 20.3 days) and to 31 surveys (i.e., every 11.8 days) in 2019. The highest numbers of surveys were conducted in spring, a period of high Caribou activity (**Table 3.2**). The average number of Caribou observed along the Vault Road was significantly higher than in 2018 with the highest average numbers seen in April and September (**Table 3.4**). Raw road survey data are provided in **Appendix A**.

3.6.3 Whale Tail Haul Road Surveys

The number of Whale Tail Haul Road surveys completed each season in 2019 is provided in **Table 3.5**. Surveys were conducted on average every 2.6 days during the year. Survey frequency was lowest during the winter. On a monthly basis, the highest numbers of surveys were conducted in April, May, August and October. The highest average numbers of Caribou were seen in April, May and October, which aligns with surveys results from the AWAR and the Vault Haul Road (**Table 3.6**). Raw road survey data are provided in **Appendix B**.


600000
620000
640000
660000
680000
700000
7260000
7240000
7220000
7200000
7180000
7160000
7140000
N
Tehek Lake
White hills Lake
Baker Lake
Area of Detail
Legend
All-Weather Access Road
Whale Tail Haul Road
Whale Tail Pit and Haul Road Local Study Area (LSA)
Meadowbank Local Study Area (LSA)
Meadowbank All-Weather Access Road Local Study Area (LSA)
Caribou Density (per km) - 2019
0 - 250
251 - 500
501 - 750
751 - 1,000
1,001 - 1,250
1,251 - 1,500
1,501 - 1,750
1,751 - 2,000
2,001 - 2,250
0
10
20
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited
Gebauer & Associates Ltd.
Figure 3.1: Caribou Density along the AWAR, and Vault and Whale Tail Haul Roads (2019)
Meadowbank Gold Project
Prepared for:
AGNICO EAGLE
Nunavut ENVIRONMENTAL CONSULTING LTD
By:
CASLYS CONSULTING



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Meadowbank Local Study Area (LSA)
- Meadowbank All-Weather Access Road Local Study Area (LSA)

Caribou Density (per km)

0 - 250	1,251 - 1,500
251 - 500	1,501 - 1,750
501 - 750	1,751 - 2,000
751 - 1,000	2,001 - 2,250
1,001 - 1,250	

0 10 20
Kilometres

Projection: UTM Zone 14 NAD83

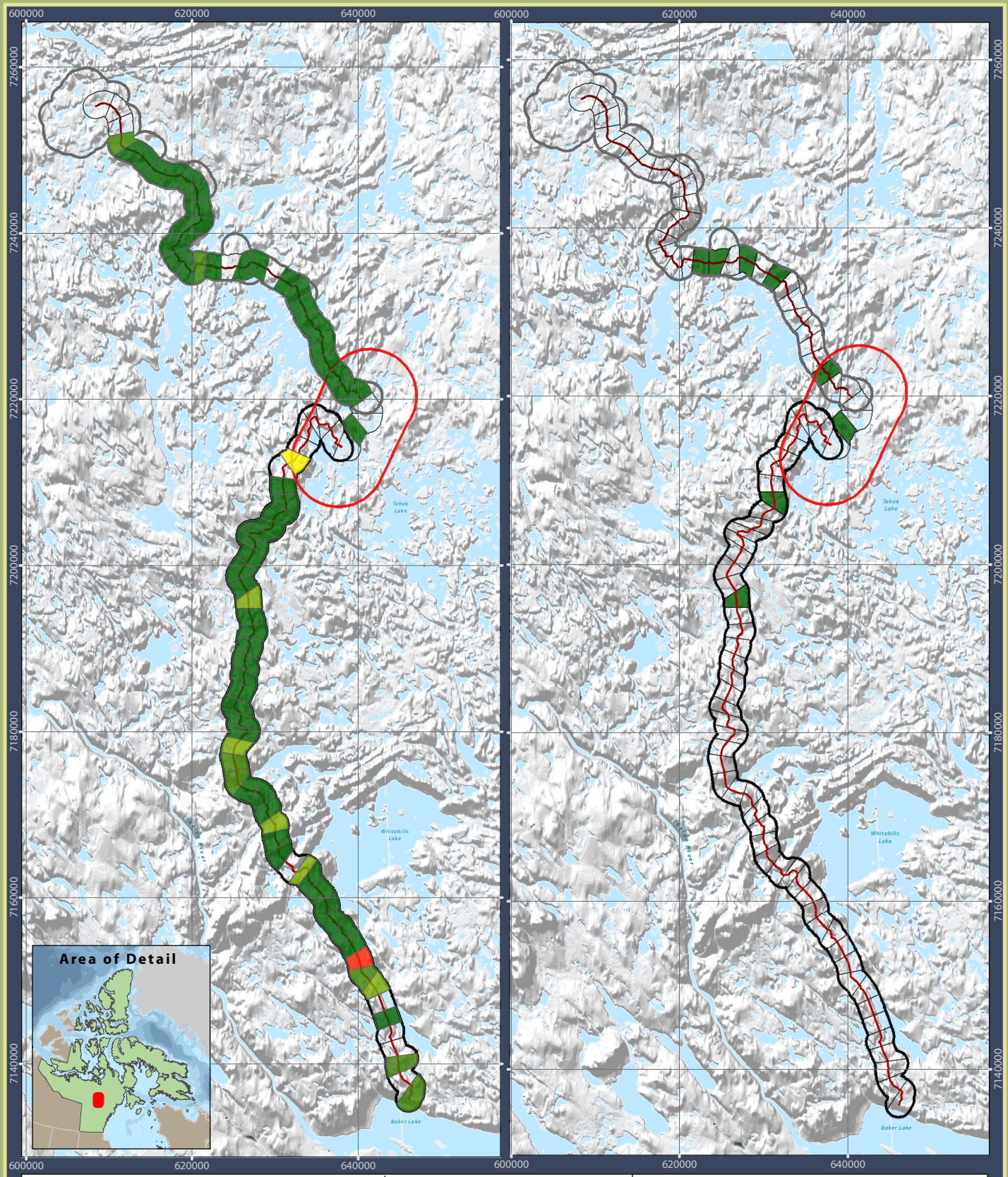
Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited
Gebauer & Associates Ltd.

Figure 3.2: Caribou Density along the AWAR, and Vault and Whale Tail Haul Roads in Spring and Summer 2019

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Meadowbank Local Study Area (LSA)
- Meadowbank All-Weather Access Road Local Study Area (LSA)

Caribou Density (per km)

0 - 250	1,251 - 1,500
251 - 500	1,501 - 1,750
501 - 750	1,751 - 2,000
751 - 1,000	2,001 - 2,250
1,001 - 1,250	

0 10 20
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited
Gebauer & Associates Ltd.

Figure 3.3: Caribou Density along the AWAR, and Vault and Whale Tail Haul Roads in Fall and Winter 2019

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING

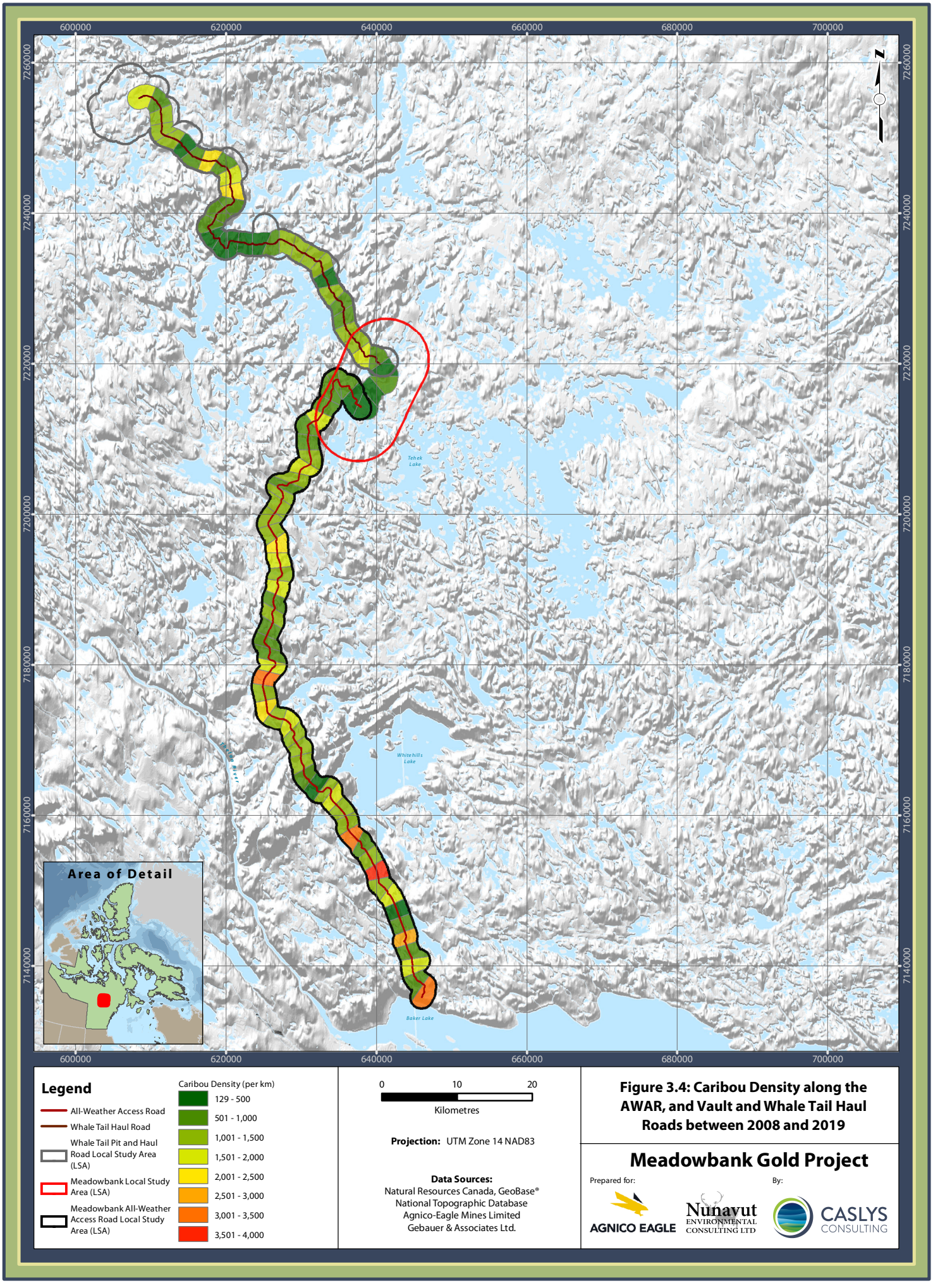


Figure 3.4: Caribou Density along the AWAR, and Vault and Whale Tail Haul Roads between 2008 and 2019

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING

Figure 3.5 Number of Caribou Observed along the AWAR (2007 to 2019), Vault Haul Road (2017 to 2019) and Whale Tail Haul Road (2018 to 2019)

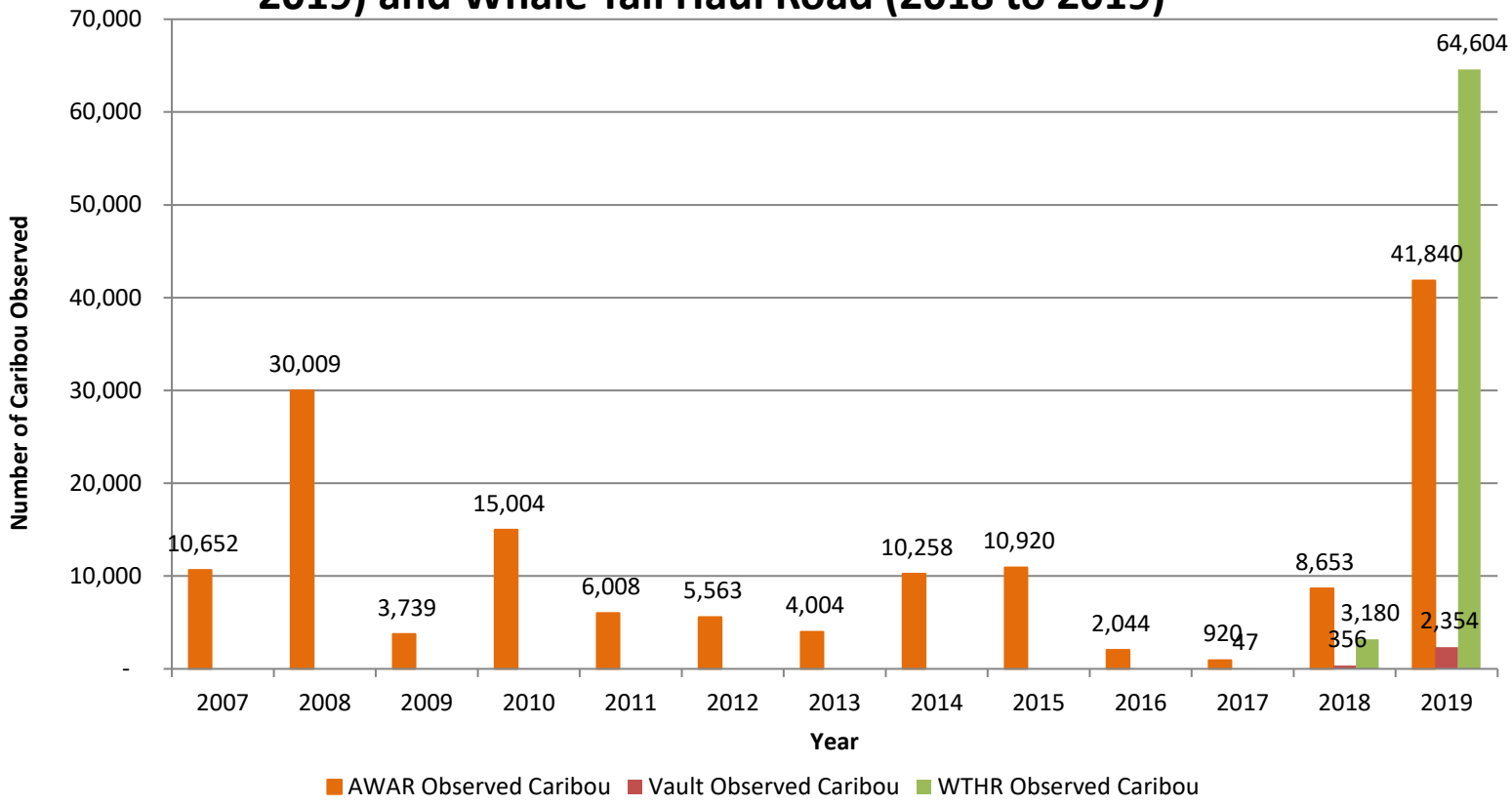


Table 3.3: Average Number of Caribou Observed Per Survey Trip along the AWAR from 2007 to 2019.

Month	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Average
January	0	14.3	12.0	5.3	3.0	5.1	0	3.2	5.8	3.7	8.0	6.4	0	51
February	0	11.5	10.7	4.1	1.0	5.3	68.1	10.5	7.0	2.3	0	12.3	0	11.1
March	11.4	11.4	16.7	6.7	6.0	6.0	39.8	10.5	14.4	6.0	3.5	14.4	6.0	11.8
April	14.0	12.7	11.4	10.8	34.0	15.2	0	27.2	22.4	23.8	4.0	51.4	77.6	23.4
May	15.4	12.1	13.0	18.0	25.3	14.2	11.0	8.4	14.1	13.2	0	27.7	22.8	15.0
June	7.1	3.5	8.2	9.0	12.5	3.1	5.3	1.5	6.3	6.9	1.0	12.3	5.7	6.3
July	1.5	13.3	0	1.1	1.0	0	0	0	2.0	0	0	1.0	1.0	1.6
August	1.1	5.4	3.6	5.6	63.0	1.0	1.0	1.0	3.0	2.7	3.4	23.4	1.3	8.9
September	10.8	12.5	8.5	4.8	10.3	1.0	6.5	33.1	12.3	3.3	5.3	23.7	1.0	10.2
October	18.4	44.3	25.4	197.2	71.6	60.0	6.0	101.8	41.5	73.0	63.3	38.8	145.8	68.2
November	72.4	90.7	13.0	106.0	2.3	116.5	455.2	48.4	148.9	2.0	12.6	40.6	79.0	91.4
December	18.4	10.3	11.0	7.9	7.8	169.7	16.8	17.6	275.0	15.7	5.4	1.0	4.0	43.1

Data show the average number of Caribou observed for a month of the year, including data from all surveys done that month. Data are based on the observed number, which might be more inaccurate for larger groups or groups that are further away.

Table 3.4: Average Number of Caribou Observed Per Survey Trip along the Vault Haul Road from 2017 to 2019.

Month	2017	2018	2019
January	0	0	0
February	5	2	0
March	9	5	89.2
April	5	46.3	27.9
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	3	77	0
October	0	10	0
November	6	0	0
December	0	0	0

Data show the average number of caribou observed for a month of the year, including data from all surveys done that month. Data are based on the observed number, which might be more inaccurate for larger groups or groups that are further away.

Table 3.5: Details of Whale Tail Haul Road Surveys in 2018 and 2019.

Season	Number of Whale Tail Haul Road Surveys	
	2018	2019
Spring (April to May)	1	42
Summer (June to July)	1	38
Fall (August to September)	3	41
Winter (Jan to Mar, Oct to Dec)	36	21
Year End Total	**41**	**142**
Duration	Apr 19 to Dec 30	Jan 08 to Dec 23
Average Frequency of Surveys (over duration)	8.9 days	2.6 days

* Frequency refers to the number of days between surveys, on average over the year

Table 3.6: Average Number of Caribou Observed Per Survey Trip along the Whale Tail Haul Road in 2018 and 2019.

Month	2018	2019
January	0	4.0
February	0	0
March	0	4.0
April	120.4	80.0
May	0	119.2
June	0	7.5
July	8.4	1.5
August	0	45.0
September	15.2	3.0
October	104.7	75.9
November	18.3	3.7
December	13.5	8.3

Data show the average number of caribou observed for a month of the year, including data from all surveys done that month. Data are based on the observed number, which might be more inaccurate for larger groups or groups that are further away

Cumulative Caribou density along the Whale Tail Haul Road for 2019 is provided in **Figure 3.1** (all seasons), **Figure 3.2** (spring and summer Caribou seasons), and **Figure 3.3** (fall and winter). In the 2019 spring Caribou Season, high Caribou densities were observed along the entire Whale Tail Haul Road but particularly closer to the Whale Tail Mine, while in the summer, densities were much lower and spread along the Haul Road (see **Figure 3.2**). In the fall Caribou season, reported densities were generally low along the length of the Whale Tail Haul Road, while densities in winter were very low (see **Figure 3.3**).

The 2019 Caribou occurrence data were added to the 2018 dataset with the resulting cumulative Caribou numbers presented in **Figure 3.4**. These data illustrate that for the two years of the surveys, the highest cumulative Caribou abundances along the Whale Tail Haul Road are north of the Vault and closer to the Whale Tail Mine site.

In 2019, Caribou numbers recorded on Whale Tail surveys were significantly higher than in 2017 or 2018 (**Figure 3.5**). The average number of Caribou observed per survey trip in May and August was the highest since surveys began indicating a strong spring and late summer migration through the study area (**Table 3.6**).

3.6.4 Traffic Data and Caribou Movements

Monthly traffic data for the AWAR and Whale Tail Haul Road is provided in **Table 3.7** while a chart depicting the changes in total number of vehicle movements is provided in **Figure 3.6**. **Table 3.7** and **Figure 3.6** clearly show lower numbers of vehicle movements during periods when Caribou numbers along the roads were the highest, which reflects the adaptive management efforts (e.g., road closures) when Caribou were observed along the roads. High numbers of Caribou along the Whale Tail Road in April and May (see **Table 3.6**) correspond with fewer vehicle movements (**Figure 3.6**), while high numbers of Caribou along the AWAR in October through December (**Table 3.3**) also correspond with fewer vehicle movements.

Table 3.7: Monthly Traffic Data for the Meadowbank AWAR and Whale Tail Haul Road in 2019.

	Meadowbank All-weather Access Road				Whale Tail Haul Road			
Date (2019)	**Haul**	**Medium Equipment**	**Light Equipment**	**Total**	**Haul**	**Medium Equipment**	**Light Equipment**	**Total**
January	0	740	1272	**2012**	632	92	140	**864**
February	0	818	1195	**2013**	762	241	735	**1738**
March	0	822	1252	**2074**	760	115	627	**1502**
April	8	772	1534	**2314**	148	107	232	**487**
May	911	1289	1973	**4173**	522	164	565	**1251**
June	337	1460	1860	**3657**	828	187	642	**1657**
July	33	1909	1529	**3471**	686	227	353	**1266**
August	12	2101	1516	**3629**	1176	169	178	**1523**
September	4	1947	1641	**3592**	2958	287	911	**4156**
October	14	1276	1084	**2374**	1280	276	448	**2004**
November	0	1212	1037	**2249**	2928	496	863	**4287**
December	0	855	684	**1539**	2778	318	584	**3680**
Total	**1319**	**15201**	**16577**	**33097**	**15458**	**2679**	**6278**	**24415**

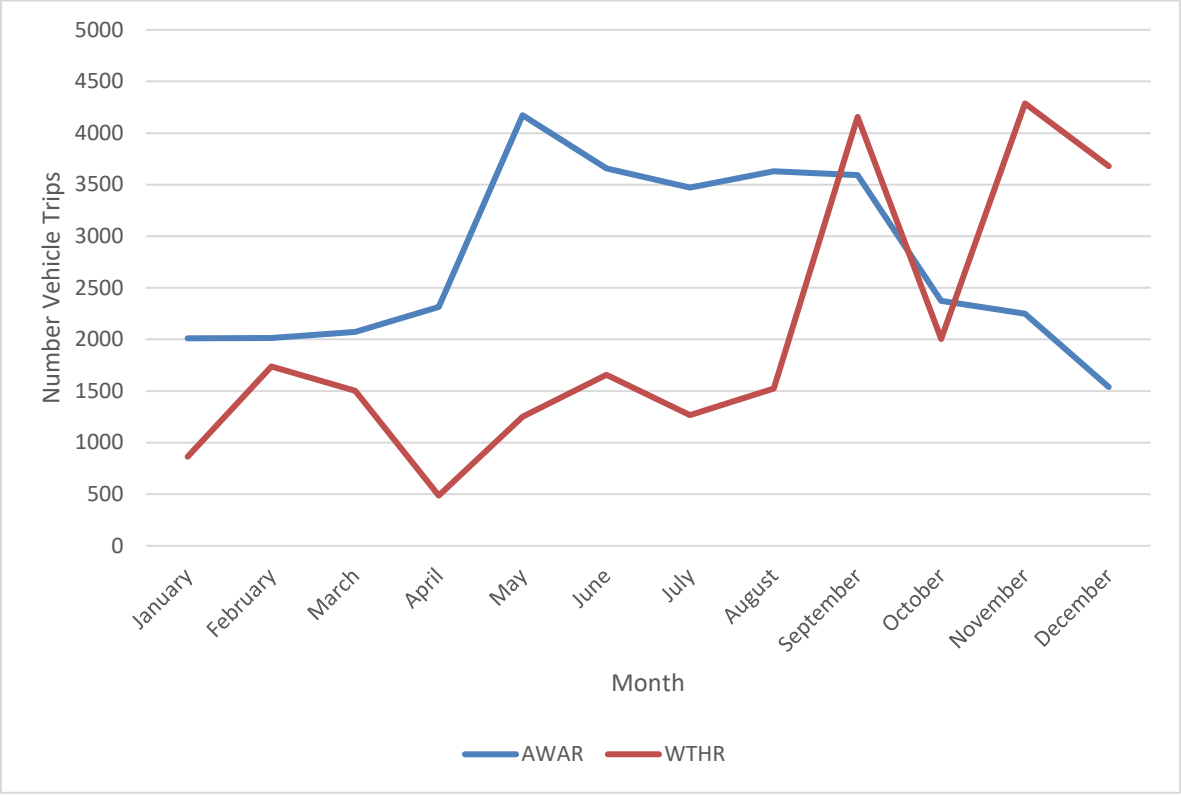


Figure 3.6: Monthly Traffic Data along the AWAR and Whale Tail Haul Roads in 2019.

3.6.5 Wildlife Species Encountered on Road Surveys

Mammal species identified and observed during AWAR, Vault Haul Road, and Whale Tail Haul Road surveys in 2019 are included in **Table 3.8**.

Table 3.8: Wildlife Species Observed during AWAR, Vault Haul Road, and Whale Tail Haul Road Surveys in 2019.

Common Name	Scientific Name
Mammals	
Arctic Fox	*Vulpes lagopus*
Arctic Ground Squirrel	*Spermophilus parryii*
Arctic Hare	*Lepus arcticus*
Caribou	*Rangifer tarandus*
Grizzly Bear	*Ursus arctos*
Muskox	*Ovibos moschatus*
Wolf	*Canis lupus*
Wolverine	*Gulo gulo*
Birds	
American Golden-Plover	*Pluvialis dominica*
Bald Eagle	*Haliaeetus leucocephalus*
Cackling Goose	*Branta hutchinsii*
Canada Goose	*Branta canadensis*
Common Loon	*Gavia immer*
Common Raven	*Corvus corax*
Duck sp.	*Anus* sp. or *Clangula* sp.
Dunlin	*Calidris alpina*
Glaucous Gull	*Larus hyperboreas*
Goose sp.	*Branta* sp. or *Chen* sp.
Green-winged Teal	*Anus crecca*
Gull sp.	*Larus* sp.
Herring Gull	*Larus argentatus*
Iceland Gull	*Larus glaucoides*
Lapland Longspur	*Calcarius lapponicus*
Long-tailed Duck	*Clangula hyemalis*
Long-tailed Jaeger	*Stercorarius longicaudus*
Loon sp.	*Gavia* sp.
Northern Pintail	*Anas acuta*
Owl sp.	*Asio flammeus* or *Bubo scandiacus*
Parasitic Jaeger	*Stercorarius parasiticus*

Table 3.8: Continued.

Common Name	Scientific Name
Birds	
Ptarmigan sp.	*Lagopus* sp.
Raptor sp.	*Buteo* sp., *Falco* sp, or *Haliaeetus* sp.
Red-throated Loon	*Gavia stellata*
Rock Ptarmigan	*Lagopus muta*
Rough-legged Hawk	*Buteo lagopus*
Ross's Goose	*Chen rossii*
Sandhill Crane	*Grus canadensis*
Semipalmated Plover	*Charadrius semipalmatus*
Semipalmated Sandpiper	*Calidris pusilla*
Short-eared Owl	*Asio flammeus*
Snow Goose	*Anser caerulescens*
Snowy Owl	*Bubo scandiacus*

3.6.6 Road-related Mitigation

Collar location maps were instrumental in assessing the need for increased road monitoring. As the number of Caribou increased in some seasons, Caribou location maps were requested on a daily basis. Road-related mitigation related to Caribou presence in 2019 resulted in a high number of road closures and a corresponding reduction in total vehicle movements (see **Section 3.6.4**). In some seasons with high numbers of Caribou, road closures were increased to a daily basis or vehicle movements were severely restricted (e.g., light vehicles only, daily ride and convoy, etc.). In many cases, the daily ride (e.g., crew changes, food deliveries, etc.) or an occasional convoy were escorted by Environment staff in collaboration with the Baker Lake HTO wildlife monitor, which had the training to decide whether vehicles could continue along the road when Caribou were sighted. When necessary, Environment staff stopped convoys to let Caribou pass and, in at least one case, vehicles were turned back after encountering Caribou. In some cases, lower speed limits were set.

As in previous years, the security department assisted the Environment department in preventing wildlife incidences along the AWAR, Vault Haul Road, and Whale Tail Haul Road by dispatching regular wildlife warnings based on observation and monitoring data. The road supervisors and operators also ensured protection of wildlife by assisting in surveillance and closing roads as needed (see **Appendix C**). Radio notices reminding operators of the appropriate speed limit were made frequently by dispatchers. During Caribou peak migration, notices were sent to all road occupants (**Appendix C**), regulatory agencies, local groups and wildlife consultants were notified, and road survey efforts were increased to every two days. A summary of Caribou and Muskox activity and road closure notices for each of the three primary road segments is provided below.

Meadowbank AWAR

Significant movements of Caribou occurred along the Meadowbank AWAR from approximately mid-April to mid-May and from late October through November in 2019, resulted in multiple closures (see **Table 3.9** and **Appendix C**). Traffic on the Meadowbank AWAR was restricted for 27 days during the spring Caribou season and 15 days during the fall Caribou season for a total of 42 days (**Table 3.9**). No road closures were required due to the presence of Muskox herds.

Table 3.9: Summary of Road Restrictions Related to Ungulate Activity Along the Meadowbank All-Weather Access Road in 2019.

Date of Closure	Date Reopened	Cause	Comments
Spring Caribou Season (01 April to 25 May)			
06 Apr	07 Apr	Caribou	Closed at 17:00 to all traffic; Environment staff to reassess in the morning
07 Apr	08 Apr	Caribou	Open during the morning; 1 load of fuel brought then closed for the night
08 Apr	09 Apr	Caribou	Open for 1 convoy of fuel tankers and daily ride; closed for the night
09 Apr	closed	Caribou	Closed at 19:00 to all traffic
10 Apr	closed	Caribou	Closed; convoy daily ride
11 Apr	closed	Caribou	Closed; convoy daily ride
12 Apr	closed	Caribou	Closed; convoy daily ride
13 Apr	closed	Caribou	Closed; convoy 1 fuel tanker to KM 23
14 Apr	closed	Caribou	Closed
15 Apr	closed	Caribou	Closed; convoy for fuel tankers to Meadowbank and back to Baker Lake
16 Apr	closed	Caribou	Closed; convoy daily ride turned around at KM 65 due to Caribou
17 Apr	closed	Caribou	Closed; convoy for daily ride and fuel tankers to Meadowbank
18 Apr	closed	Caribou	Closed; daily ride cancelled
19 Apr	closed	Caribou	Closed; convoy daily ride and fuel tankers to Amaruq after discussion with KIA and HTO
20 Apr	closed	Caribou	Closed; convoy fuel tankers from Amaruq o Baker Lake
21 Apr	closed	Caribou	Closed
22 Apr	closed	Caribou	Closed
23 Apr	closed	Caribou	Closed; convoy daily ride

Table 3.9: Continued.

Date of Closure	Date Reopened	Cause	Comments
Spring Caribou Season (01 April to 25 May)			
24 Apr	closed	Caribou	Closed; convoy daily ride
25 Apr	closed	Caribou	Closed; convoy daily ride and fuel tankers
26 Apr	closed	Caribou	Closed; convoy daily ride
27 Apr	closed	Caribou	Closed; convoy with operators and fuel tankers
28 Apr	closed	Caribou	Closed; convoy with emulsion trucks, equipment and fuel tankers
29 Apr	closed	Caribou	Closed
30 Apr	01 May	Caribou	Closed; convoy operators and fuel tankers
01 May	01 May	Weather	Reopening authorized by Environment staff (fewer Caribou); closed for weather in the morning; reopened in the afternoon after snow removal
04 May	05 May	Caribou	Closed; convoy daily ride and fuel tankers
09 May	10 May	Caribou	Closed; Environment staff to reassess in the morning
11 May	13 May	Weather	Closed
15 May	16 May	Weather	Closed; slippery conditions; E&I to escort daily ride
Fall Caribou Season (22 September to 15 December)			
26 Oct	closed	Caribou	Closed at 18:00 due to Caribou presence close to Baker Lake; road crew to maintain the road; no convoy
27 Oct	closed	Caribou	Closed; Caribou close to Baker Lake; road crew to maintain the road; no convoy
28 Oct	closed	Caribou	Closed; road crew to maintain the road; no convoy
29 Oct	closed	Caribou	Closed; road crew to maintain the road; no convoy; daily ride
30 Oct	closed	Caribou	Closed; road crew to maintain the road; no convoy; daily ride
31 Oct	closed	Caribou	Closed; road crew to maintain the road; no convoy; daily ride
01 Nov	closed	Caribou	Closed; convoy organised (tankers and tractor trailer); daily ride
02 Nov	closed	Caribou	Closed; convoy organised (tankers)
03 Nov	closed	Caribou	Closed; convoy organised (tankers)
04 Nov	closed	Caribou	Closed; convoy organised.
05 Nov	05 Nov	Caribou	Reopening authorized by Environment staff and HTO monitor
18 Nov	closed	Caribou	Closed at 19:00; reopened at 12:00 on November 20th for light vehicle

Table 3.9: Continued.

Date of Closure	Date Reopened	Cause	Comments
Fall Caribou Season (22 September to 15 December)			
19 Nov	closed	Caribou	Closed
20 Nov	closed	Caribou	Closed in afternoon due to Caribou.
21 Nov	21 Nov	Caribou	Closed; convoy organised in morning (daily ride and convoy); road open to all traffic at noon
29 Nov	29 Nov	Weather	

Vault Haul Road

Significant movements of Caribou from approximately mid-April to mid-May 2019 along the Vault Haul Road resulted in several closures (see **Table 3.10** and **Appendix C**). Traffic on the Vault Haul Road was restricted for eight (8) days during the Spring Caribou Season (**Table 3.10**).

Table 3.10: Summary of Road Restrictions Related to Ungulate Activity Along the Vault Haul Road in 2019.

Date of Closure	Date Reopened	Cause	Comments
Spring Caribou Season (01 April to 25 May)			
10 Apr	11 Apr	Caribou	Closed at 18:00 for the night.
11 Apr	12 Apr	Caribou	Closed for the night; reopened at 10:30
15 Apr	15 Apr	Caribou	Closed for 2 hours; Caribou near the Amaruq entrance
16 Apr	17 Apr	Caribou	Closed from 22:00 until 05:00 due to Caribou near the Amaruq entrance
17 Apr	17 Apr	Caribou	Closed from 18:00 until 20:00 due to Caribou near the Amaruq entrance
22 Apr	23 Apr	Caribou	Closed from 18:00
20 May	21 May	Caribou	Closed from 06:00
24 May	24 May	Caribou	Closed from 07:00 to 10:30

Whale Tail Haul Road

Significant movements of Caribou from approximately mid-April to late-May 2019, mid- to late August, and early to mid-October along the Whale Tail Haul Road resulted in multiple closures (see **Table 3.11** and **Appendix C**). Traffic on the Whale Tail Haul Road was restricted for 34 days during the Spring Caribou Season, 11 days during the Summer Caribou Season, and 15 days during the Fall Caribou Season for a total of 60 days (**Table 3.11**).

Table 3.11: Summary of Road Restrictions Related to Ungulate Activity Along the Whale Tail Haul Road in 2019.

Date of Closure	Date Reopened	Cause	Comments
Spring Caribou Season (01 April to 25 May)			
08 Apr	09 Apr	Caribou	Closed at 18:00 for night shift
09 Apr	10 Apr	Caribou	Closed at 18:00 for night shift
10 Apr	closed	Caribou	Closed at 14:30; 1 convoy done from Amaruq to Meadowbank
11 Apr	closed	Caribou	Closed; convoy for daily ride
12 Apr	closed	Caribou	Closed; convoy for daily ride
13 Apr	closed	Caribou	Closed; convoy for vacuum truck from Amaruq to Meadowbank
14 Apr	closed	Caribou	Closed
15 Apr	closed	Caribou	Closed; convoy for daily ride and heavy equipment
16 Apr	closed	Caribou	Closed; convoy for daily ride
17 Apr	closed	Caribou	Closed; convoy for daily ride
18 Apr	closed	Caribou	Closed; convoy for daily ride cancelled
19 Apr	closed	Caribou	Closed; convoy for daily ride and tankers
20 Apr	closed	Caribou	Closed; convoy for empty tankers (Amaruq to Baker Lake)
21 Apr	closed	Caribou	Closed
22 Apr	closed	Caribou	Closed; convoy for daily ride
23 Apr	closed	Caribou	Closed; convoy for daily ride
24 Apr	closed	Caribou	Closed; convoy for daily ride
25 Apr	closed	Caribou	Closed; convoy for daily ride and fuel tankers (6)
26 Apr	closed	Caribou	Closed; convoy for daily ride and empty fuel tanker
27 Apr	closed	Caribou	Closed; convoy of cargo and supplies
28 Apr	closed	Caribou	Closed; no convoy, just HOL and WLS
28 Apr	closed	Caribou	Blast canceled at 12:45; postponed at 18:30 after the situation was assessed

Table 3.11: Continued.

Date of Closure	Date Reopened	Cause	Comments
Spring Caribou Season (01 April to 25 May)			
29 Apr	closed	Caribou	Closed; convoy for daily ride
30 Apr	closed	Caribou	Closed; convoy for daily ride and fuel tanker escorted in the afternoon to Amaruq
01 May	closed	Caribou	Closed; convoy for daily ride and fuel tanker escorted back to Meadowbank
02 May	closed	Caribou	Closed; convoy for daily ride
03 May	closed	Caribou	Closed; convoy for daily ride
04 May	closed	Caribou	Closed; convoy for daily ride
05 May	closed	Caribou	Closed; big convoy from Meadowbank (Jeff from KIA)
06 May	closed	Caribou	Closed; convoy for daily ride
09 May	10 May	Caribou	Closed; convoy for daily ride
18 May	19 May	Caribou	Closed; convoy for daily ride; reopened 13:00 on 19 May
20 May	21 May	Caribou	Closed; convoy for daily ride
24 May	24 May	Caribou	Closed from 07:00 to 10:30
Summer Caribou Season (26 May to 21 September)			
16 Aug	17 Aug	Caribou	Closed from 17:30 for the night; road reopened at 08:00
18 Aug	18 Aug	Caribou	Closed from 08:00; road reopened at 13:00
21 Aug	closed	Caribou	Closed at 4pm on the 21st Convoy for the daily ride.
22 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride
23 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride
24 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride
25 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride
26 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride
27 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride, tractor trailer, fuel truck, roll-off and food truck
28 Aug	closed	Caribou	Closed all day; convoy organized for the daily ride, tractor trailer, 3 fuel trucks, 2 Dyno trucks, tow haul and food truck
29 Aug	29 Aug	Caribou	Open only for the light vehicle during day and reopened at 19:30

Table 3.11: Continued.

Date of Closure	Date Reopened	Cause	Comments
Fall Caribou Season (22 September to 15 December)			
01 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
02 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
03 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
04 Oct	closed	Caribou	Closed all day; convoy for daily ride, food truck, vacuum truck, and Dyno truck
05 Oct	closed	Caribou	Closed all day; convoy for food truck
06 Oct	closed	Caribou	Closed all day; convoy for food truck
07 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
08 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
09 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
10 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
11 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck
12 Oct	closed	Caribou	Closed all day; convoy for food truck, Dyno truck, tow haul, and 6 pickups
13 Oct	closed	Caribou	Closed all day; convoy for food truck, tractor trailer, and tanker
14 Oct	closed	Caribou	Closed all day; convoy for daily ride and food truck,
15 Oct	15 Oct	Caribou	Closed all day; convoy for daily ride and food truck; reopened at 12:00 with speed restriction

3.6.7 Caribou Responses to Mitigation

The number and frequency of road surveys in 2019 demonstrate Agnico Eagle's commitment to avoiding impacts to Caribou from the AWAR, Vault Haul Road, and Whale Tail Haul Road. Mitigation measures such as reduced speeds and multiple road closures appear to be minimizing road-related effects including mortality and restricted caribou passage. Incidental sightings in 2019 (see **Appendix E**) and the road survey data (**Appendices A** and **B**) showed that Caribou crossed roads during April and May, and July through November (see **Table 3.12**), which was supported by collar data (**Section 6.6**). A total of 1,542 individual Caribou were observed crossing along the Meadowbank AWAR while 1,696 individuals were observed crossing along the Whale Tail Haul Road. Caribou movement patterns continue to require close monitoring and analysis in 2020.

Table 3.12: Observations of Caribou Crossing Mine Roads in 2019.

Date	Number	Location	Notes
Meadowbank AWAR and Mine Site, and Vault Haul Road			
17 April	100	KM 69	Crossing the road (Appendix E)
22 April	10	KM 92	Crossing the road (Appendix E)
23 May	6	Diversion ditch near tailings	Crossing the road (Appendix E)
26 May	10	Exploration Camp	Crossing the road (Appendix E)
18 July	1	KM 74	Crossing the road (Appendix E)
10 August	1	KM 113, Vault Haul Road	Crossing the road (Appendix E)
21 August	1	Marginal Y, Mine Site	Crossing the road (Appendix E)
09 October	100	Vault Haul Road	Crossing the road (Appendix E)
22 October	10	AWAR	Crossing the road (Appendix E)
01 November	150	KM 53	Crossing the road (Appendix E)
02 November	200	KM 19	Crossing the road (Appendix E)
02 November	300	KM 50	Crossing Road (Appendix A)
03 November	400	KM 53	Crossing the road (Appendix E)
04 November	52	KM 52	Crossing the road (Appendix E)
11 November	180	KM 113, Vault Haul Road	Crossed the road South bound (Appendix A)
17 November	21	KM 33	Crossed East to West (Appendix A)
Total	**1,542**		
Whale Tail Haul Road			
12 April	11	KM 123	Crossing road (Appendix B)
12 April	100	KM 121	Crossing road (Appendix B)
12 April	20	KM 123	Crossing road (Appendix B)
14 April	17	KM 138	Crossing road (Appendix B)
14 April	50	KM 136	Crossing road (Appendix B)
15 April	12	KM 126	Crossed (Appendix B)
19 April	8	Not Indicated	Crossing the road (Appendix E)
19 April	3	Not Indicated	Crossing the road (Appendix E)
20 April	30	Not Indicated	Crossing the road (Appendix E)
02 May	100	Not Indicated	Crossing the road (Appendix B and E)
02 May	500	Not Indicated	Crossing the road (Appendix B and E)
03 May	100	Not Indicated	Crossing the road (Appendix B and E)
26 May	7	KM 124	Crossing the road (Appendix E)
27 May	7	KM 124	Crossing the road (Appendix E)
03 July	20	KM 126	Crossing the road (Appendix E)

Table 3.12: Continued.

Date	Number	Location	Notes
Whale Tail Haul Road			
12 July	1	KM 133	Crossing the road (Appendix E)
12 July	1	KM 133	Crossing the road (Appendix E)
15 July	2	KM 140	Crossing the road (Appendix E)
16 July	1	KM 127	Crossing the road (Appendix E)
17 July	1	KM 169	Crossing the road (Appendix E)
17 July	1	KM 133	Crossing the road (Appendix E)
18 July	1	KM 171	Crossing the road (Appendix E)
19 July	1	KM 141	Crossing the road (Appendix E)
21 July	1	KM 145	Crossing the road (Appendix E)
21 July	1	KM 145	Crossing the road (Appendix E)
23 July	1	KM 131	Crossing the road (Appendix E)
14 August	1	KM 155	Crossing the road (Appendix E)
14 August	1	KM 168	Crossing the road (Appendix E)
15 August	1	KM 123	Crossing the road (Appendix E)
15 August	1	KM 154	Crossing the road (Appendix E)
23 August	50	KM 168	Crossing the road (Appendix E)
24 August	1	Not Indicated	Crossing the road (Appendix E)
24 August	200	Not Indicated	Crossing the road (Appendix E)
26 August	11	KM 169	Crossing (Appendix B)
26 August	1	KM 126	Crossing (Appendix B)
26 August	1	KM 170	Crossing (Appendix B)
27 August	3	KM 141	Crossing the road (Appendix E)
27 August	2	KM 167	Crossing the road (Appendix E)
06 September	3	Not Indicated	Crossing the road (Appendix B and E)
22 September	8	KM 142	Crossing the road (Appendix E)
22 September	30	KM 139	Crossing the road (Appendix E)
09 October	100	KM 172	Crossing the road (Appendix E)
09 October	75	KM 150	Crossing the road (Appendix E)
11 October	200	KM 172	Crossing the road (Appendix E)
22 October	10	Not Indicated	Crossing the road (Appendix E)
Total	**1,696**		

3.6.8 Road-related Wildlife Mortality

The following wildlife mortalities, associated with the Meadowbank AWAR, Vault Haul Road, and Whale Tail Haul Road were recorded in 2019 (**Table 3.13**; see reports in **Appendices A, B** and **D**). No Caribou mortality was associated with the AWAR, Vault Haul Road, and Whale Tail Haul Road in 2019. Cumulative road-related mortality data are provided in **Table 3.14**. Upon discovery of any unreported roadkill remains, environment staff and/or road supervisors reminded employees of road rules and the need to enforce these rules. All employees were informed that wildlife have a right of way at all times, and that they should stop vehicles and wait for wildlife to cross the road.

Table 3.13: Wildlife Mortalities Related to the Meadowbank AWAR, Vault Haul Road, and Whale Tail Haul Road and Non-Mine Related Mortalities in 2019.

Date	Species	Count	Mine Related	Location	Comments
28 Feb	Arctic Hare	1	Yes	Meadowbank AWAR KM 46	Presumably killed by a vehicle
13 Jul	Arctic Hare	1	Yes	Meadowbank AWAR KM 50	Reported by road dispatch; presumably killed by a vehicle
23 Jul	Ptarmigan	1	Yes	Whale Tail Haul Road KM 161	Presumably killed by a vehicle
03 Sep	Sik Sik	1	Yes	Whale Tail Haul Road KM 116	Presumably killed by a vehicle
11 Oct	Arctic Hare	1	Yes	Meadowbank AWAR	Reported on road survey; presumably killed by a vehicle
04 Nov	Arctic Fox	1	Yes	Whale Tail Haul Road KM 135	Driver documented carcass but Environment staff did not find; presumably killed by a vehicle (see **Appendix D**)
15 Nov	Caribou	1	No	Meadowbank AWAR KM 94	Carcass was ~50 m E of the road; a wolf was observed on the ground close to the carcass (see **Appendix D**); presumably killed by wolves

Table 3.14: Summary of Road-related Wildlife Fatality Records (2007 to 2019).

Year	Caribou	Grizzly Bear	Wolverine	Wolf	Fox	Small Mammals	Small Birds	Unidentified Small Animal
AWAR and Vault Haul Road								
2007	3[1]	0	0	0	0	3	3	0
2008	10[2]	0	0	2	13	7	17	0
2009	1[3]	0	0	0	1	6	2	0
2010	1	0	0	0	2	6	2	0
2011	2[3]	0	0	1	0	5	4	0
2012	2[4]	0	1	0	0	3	1	0
2013	5	0	0	0	1	1	1	0
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	1	4	2	1
2016	0	0	0	0	2	0	1	0
2017	0	0	0	0	5	3	3	0
2018	0	0	0	0	0	2	0	0
2019	0	0	0	0	0	3	0	0
Whale Tail Haul Road								
2018	0	0	0	0	0	2	0	0
2019	0	0	0	0	1	1	1	0

[1] Two confirmed roadkill cases; [2] Two apparent roadkill cases; [3] Cause of death unconfirmed; [4] One cause of death unknown

3.7 ACCURACY OF IMPACT PREDICTIONS

Table 3.15 provides a summary of the impact predictions identified in the TEMP (Agnico Eagle 2019). The 2019 AWAR, Vault Haul Road, and Whale Tail Haul Road survey data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. None of the thresholds were exceeded in 2019 (**Table 3.15**).

3.8 MANAGEMENT RECOMMENDATIONS

The AWAR, Vault Haul Road, and Whale Tail Haul Road survey data are important for documenting time periods when the area near the road is utilized by various wildlife species and for evaluating the need, if any, for implementing adaptive management (e.g., temporary road closures and radio announcements). Moreover, Caribou density can be compared graphically across years, which can be used to track changes in density and preferential migration corridors. The road sections with higher use are prioritized for temporary road closures, speed reductions or additional adaptive management strategies. The road survey data are used in conjunction with satellite-collaring and mortality data to successfully manage road operations during heavy wildlife use periods.

Table 3.15: Accuracy of Impact Predictions – Sensory Disturbance and Mortality along the AWAR, Vault Haul Road, and Whale Tail Haul Road in 2019.

Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented	Status
Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NA	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys Satellite-collaring data
Project-related Mortality	Caribou or Muskoxen will not be killed or injured by vehicle collisions. Threshold level of mortality is two (2) individuals per year.	NO	NO	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys Satellite-collaring data surveys
Project-related Mortality	Predatory mammals (i.e., Grizzly Bear, Wolverine, Wolf) will not be killed or injured by vehicle collisions. Threshold level of mortality is two (2) individuals per year.	NO	NO	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys Security surveys
Project-related Mortality	Raptors or Waterbirds will not be killed along project roads. Threshold is one (1) individual due to vehicle collision per year.	NO	NO	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys

SECTION 4 • PITS AND MINE SITE GROUND SURVEYS

4.1 OVERVIEW

The mine site ground survey monitoring program (i.e., for Meadowbank, Vault, and Whale Tail) has been designed to verify that impacts to wildlife in and around the mine site LSA are not occurring. The program has a strong emphasis on monitoring mortality and disturbance of various wildlife groups utilizing habitats near the mine site. In addition, the mine site ground survey monitoring program is an integral component of the monitoring strategy for evaluating sensory disturbance indicators for Caribou.

4.2 OBJECTIVES

The primary objectives of the mine site ground surveys are to:

1. Use Decisions Trees when Caribou are seen near mine facilities to determine the level of adaptive management (e.g., road closures) required;
2. Confirm that Caribou will not be killed through other mine-related mortality such as falling in pits, tailings sludge, or other means. The cumulative mine threshold level of mortality is two (2) individuals per year;
3. Verify that measures are in place such that Grizzly Bears, Wolverines or Wolves will not need to be destroyed at the mine site. The threshold level of mortality for Predatory Mammals is two (2) individuals per year; and
4. Verify that high value habitats (e.g., sedge meadows) are avoided, and all activities within 100 m of a bird nest site during the latter part of the nest stage (fledgling) are avoided.

4.3 DURATION

The mine site ground surveys are to be conducted regularly by Agnico Eagle environmental personnel over the operation and closure phases of the mine to verify that changes to habitats around the mine site do not cause effects to wildlife and their use of habitat.

4.4 METHODLOGY

4.4.1 Mine Site Inspections

In 2019, environmental personnel conducted regular mine site inspections focusing on waste management, spills, hazardous waste management, and wildlife monitoring. Formal mine site inspections were carried out at least weekly as part of broader environmental on-site management. Surveys were also conducted prior to blasting. During these inspections, non-conformities were identified and rapidly addressed by the responsible department.

Weekly and pre-blasting inspections included:

- Regular monitoring of Caribou and Muskox near the facilities. Large mammal presence within the mine is documented during daily and weekly (formal) inspections. Any issues related to safety or proximity effects are identified and the appropriate mitigation is implemented. If risks to animal health are perceived, efforts are made to avoid the wildlife and provide them the right of way. In 2019, a minimum of weekly mine-site ground survey inspections were conducted;
- Regular monitoring of all large mammals on the site;
- Regular monitoring of breeding birds (especially in the spring). No active nests were found in 2019 at the Meadowbank and Whale Tail sites, therefore no additional monitoring occurred; and
- Inspections of waste management areas, bins, and hazardous material storage.

Environment department inspections and wildlife ground surveys focus on migratory birds, Ungulates, Arctic Fox, Wolf, Grizzly Bear, and Wolverine. Through these observations, those of other Agnico Eagle employees, and incidence reports provided to the Environment department, technicians follow up as needed to ensure the protection of wildlife near the mine site. Observations, along with monitoring and deterrence activities, are recorded in **Appendix E**. Monthly summary reports and wildlife observation data are submitted to the GN, while quarterly reports are submitted to the KIA.

No ancillary construction activity was undertaken without environmental notification and all activities were within the predicted and approved mine footprint or permit area as confirmed through environmental inspections, ground surveys, and coordination with engineering and site services on the mine site. All areas used by the mine have been accepted and approved by regulators and the KIA through submission and acceptance of annual reports and updated management plans.

4.4.2 Incidental Mine Site Wildlife Observations

All mine site personnel, including construction and support staff, are required to document and report wildlife observed within the boundaries of the mine as well as ancillary areas (e.g., AWAR and haul roads). The protocol involves filling out a wildlife log form located in designated areas or by notifying staff in the Environment department, which is intended to ensure that potential problem animals are identified. Completed incidental wildlife log forms are collected on a regular basis for review by environmental personnel. Pertinent data, and daily and weekly mine site inspection reports are consolidated and entered into a database (**Appendix E**). Monthly summary reports and wildlife observation data are submitted to the GN. Quarterly reports are submitted to the KIA.

4.5 2019 RESULTS

4.5.1 Incidental Wildlife Observations

Mine site incidental observations were consolidated from the daily and weekly inspection reports, and observations by mine personnel (see **Appendix E**). Observations were used by environmental personnel to monitor wildlife activity within the mine site and identify potential problem animals. A summary of observations that required action is provided in **Table 4.1** while a summary of total wildlife observations by species and month is provided in **Table 4.2**. Total wildlife observations were much higher in 2019 than in 2018, largely because of significant movements of Caribou in April and May and Snow Geese in August and September.

As expected, total bird sightings were highest in summer while Wolverine sightings were highest in winter (see **Figure 4.1**). For birds, the noticeable peak in sightings in August and September were due to large numbers of Snow Geese migrating through the study area. In 2019, peak Caribou sightings were during the spring and fall migratory period (**Figure 4.1**). The very large peak in April and May reflects the large numbers of Caribou migrating through the study area in 2019 relative to 2018.

When wildlife was observed in and around the mine site, monitoring frequency increased. In 2019, the frequency of wildlife activity and deterrence actions taken (31 actions) were similar to 2018 (32) but still higher than in 2017 (21). Deterrence actions were primarily required for Wolverine and Wolves (i.e., >80% of actions) and particularly in the winter months (i.e., January, February and December) (see **Table 4.1**). Deterrence actions implemented in and around the Meadowbank and Whale Tail mine sites ranged from minimal actions (i.e., blocking the road, approaching animals or herds on foot or by vehicle) to more aggressive use of flares and scare cartridges. In 87% of cases, deterrence proved effective (**Table 4.1** and **Appendix E**). Deterrence efforts related to nesting birds within the Whale Tail flooding areas, is described in **Section 14**.

Trends and unique wildlife observations around the mine site are discussed in the following sections. In a few cases, observations led to direct action to prevent human-wildlife conflict.

4.5.2 Waterbird Monitoring

To minimize accidental waterbird confinement around the Meadowbank and Whale Tail sites, entrapment in the tailings, and mortality, regular inspections were completed throughout the migratory period and during weekly or daily inspections, as deemed necessary by environmental personnel. Waterbird species recorded by mine personnel between May and September included Canada Goose, Snow Goose, Long-tailed Duck, and ducks (see **Table 4.2**).

4.5.3 Raptor Monitoring

Raptor monitoring was conducted as part of routine mine site inspections of the pit and other areas to ensure adequate bird protection and management. Peregrine Falcons were observed around project facilities from May to September, with most records from June to August, while Rough-legged Hawks were observed on several occasions in May and October. Other raptor species observed included Bald Eagle (July to September), Snowy Owl (August to October), and Short-eared Owl (September) (see **Table 4.2** and **Appendix E**). No deterrence activities were required for raptors in 2019 (see **Table 4.1**).

Table 4.1: Wildlife Presence Requiring Action at the Meadowbank and Whale Tail Sites in 2019 (from **Appendix E**).

Date	Species	#	Location	Behavior	Action
JANUARY					
08 January	Wolverine	1	Behind incinerator at Amaruq	Running	Deterred. Successful
09 January	Wolverine	1	Behind incinerator at Amaruq	Running	Deterred. Successful
11 January	Arctic Fox	1	Incinerator at Amaruq	Eating	Deterred. Unsuccessful
13 January	Arctic Fox	1	Nova Camp, Meadowbank	Sick or injured	Deterred. Successful
21 January	Wolverine	1	Amaruq Camp	Walking	Deterred. Successful
FEBRUARY					
03 February	Wolverine	1	Lake A53, Amaruq	Running	Deterred. Successful
18 February	Wolverine	1	Amaruq Camp	Fleeing	Deterred. Successful
18 February	Wolverine	1	Behind the kitchen, Amaruq Camp	Walking	Deterred. Unsuccessful. Euthanized 22 February (see **Appendix D**)
APRIL					
06 April	Wolf	1	Whale Tail Exploration Camp	Walking	Deterred. Successful
07 April	Wolf	1	Emulsion Road, Whale Tail	Walking	Deterred. Successful
26 April	Arctic Fox	1	Behind Clinic, Whale Tail	Sick or wounded	Deterred. Successful
MAY					
29 May	Wolf	1	Whale Tail Camp	Walking	Deterred. Successful
30 May	Wolf	1	Landfill, Meadowbank	Eating	Deterred. Successful
31 May	Wolverine	1	Landfill, Meadowbank	Eating	Deterred. Successful
JUNE					
22 June	Wolf	1	Near Incinerator, Meadowbank	Walking	Deterred. Successful

Table 4.1: Continued.

Date	Species	#	Location	Behavior	Action
JULY					
01 July	Wolf	1	Landfill, Meadowbank	Observing	Deterred. Successful
22 July	Wolf	1	Landfill, Meadowbank	Observing	Deterred. Successful
29 July	Wolf	1	Landfill, Meadowbank	Observing	Deterred. Successful
AUGUST					
01 August	Caribou	1	FGL Area, Whale Tail	Walking	Deterred. Unsuccessful
02 August	Caribou	1	FGL Area, Whale Tail	Grazing	Deterred. Successful
SEPTEMBER					
15 September	Wolf	1	Landfill, Meadowbank	Running	Deterred. Successful
NOVEMBER					
23 November	Wolverine	1	Tailings Road, Meadowbank	Running	Deterred. Successful
30 November	Arctic Fox	1	Energy & Infrastructure Garage, Whale Tail	Running	Deterred. Successful
DECEMBER					
03 December	Wolverine	1	Landfill, Meadowbank	Running	Deterred. Unsuccessful
14 December	Wolverine	1	Incinerator, Meadowbank	Running (1030 am)	Deterred. Successful
14 December	Wolverine	1	Incinerator, Meadowbank	Running (6 pm)	Deterred. Successful
28 December	Wolverine	1	Assay Lab, Meadowbank	Running	Deterred. Successful
29 December	Wolverine	1	Airport, Meadowbank		Deterred. Successful
31 December	Wolverine	1	Meadowbank Camp, Nova, Dorm 12	Walking (0715 am)	Deterred. Successful
31 December	Wolverine	1	Main entrance, Meadowbank	Walking (0800 am)	Deterred. Successful
31 December	Wolverine	1	Nova Camp, Meadowbank	Running (1400 pm)	Deterred. Successful

Table 4.2: Total Wildlife Records by Species and Month at the Meadowbank and Whale Tail Sites in 2019 (from **Appendix E**).

Species	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mammals												
Arctic Fox	3	4	4	9	1	3	5	2	4	10	6	5
Arctic Hare	4	1		14	10	11	12	3	5	5		1
Caribou	1	5	9	604	371	55	42	276	45	280	125	6
Grizzly Bear				1	2			1				
Muskox	7	7	8	37	9	18	63	39	8	11	18	6
Sik Sik								3	4			
Weasel											2	
Wolf	4			5	17	12	12	11	2	2	9	
Wolverine	20	22		5	4	2	1	3	1	4	4	26
Birds												
Bald Eagle							6	15	3			
Canada Goose					3	10	2	10				
Common Raven	1	1	1	4		1	1	3	1			
Duck					2	4	1	1				
Gull							1	2				
Long-tailed Duck									1			
Peregrine Falcon					5	9	8	10	4			
Ptarmigan		1			2	10	7	2	2	5		
Rough-legged Hawk					13	7	9	18	2	2		
Sandhill Crane					13	15	6	7	3			
Short-eared Owl									1			
Snow Goose						1		21	120			
Snowy Owl				2				1	4	1		
Total Birds	**1**	**2**	**1**	**6**	**38**	**57**	**41**	**90**	**141**	**3**	**0**	**0**

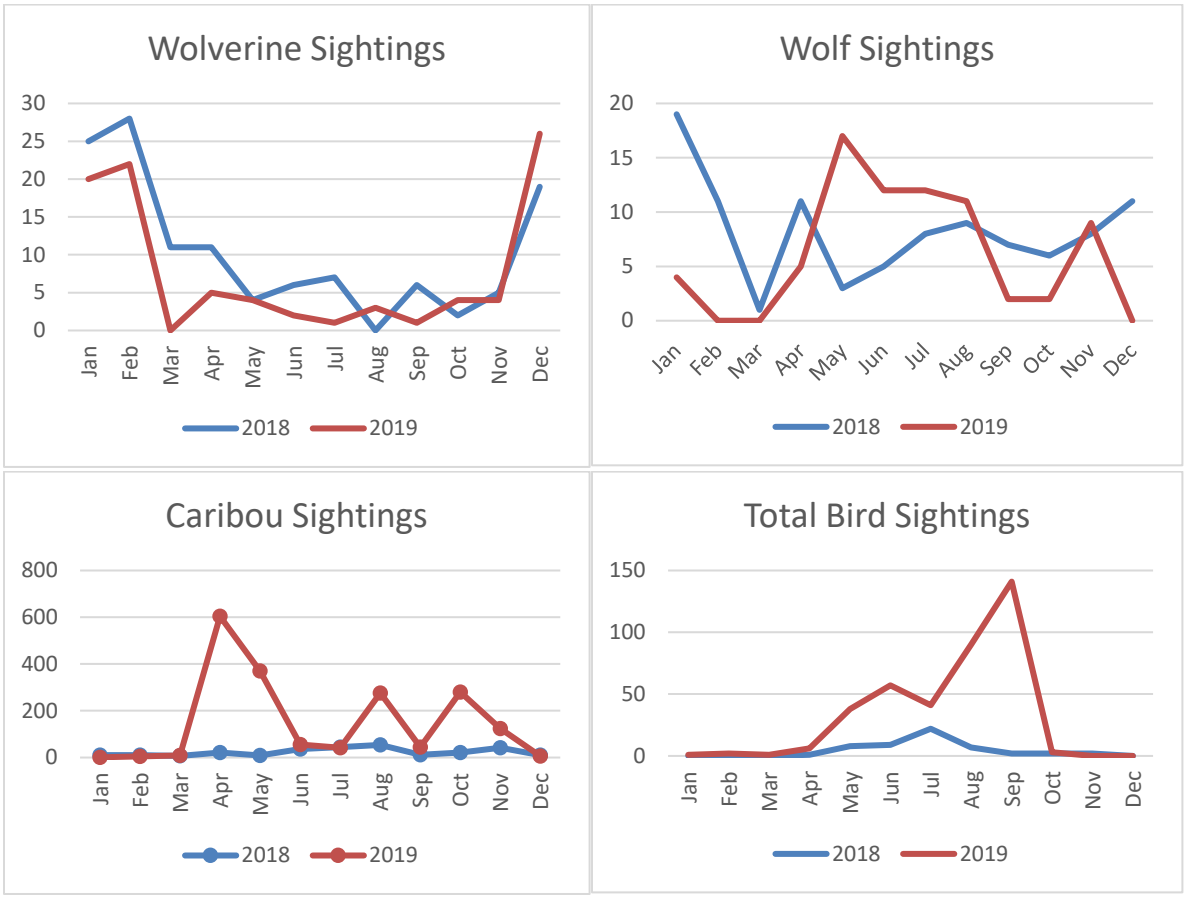


Figure 4.1: Total Incidental Sightings of Wolverine, Wolf, Caribou, and Birds by Month at the Meadowbank and Whale Tail Sites in 2019.

4.5.4 Caribou and Muskox Protection

Caribou were observed on a regular and year-round basis in and around the Meadowbank and Whale Tail sites and along the AWAR, Vault Haul Road, and Whale Tail Haul Road in 2019. The highest number of Caribou reports were from April, May, August, October, and November (see **Table 4.2**) with group sizes of 1,000 individuals on April 9th , April 30th , and May 2nd, 3,000 individuals on August 16th, 4,000 on October 27th, and 2,000 on October 29th (see **Appendix E**). Because of the high numbers of Caribou close to project facilities in 2019, numerous road closures and restrictions were required along the AWAR, Vault Haul Road, and Whale Tail Haul Road (see **Tables 3.4** to **3.6**).

Muskox individuals and herds, ranging in size from two to 38 individuals, were reported on numerous occasions in 2019 but particularly between April and August (**Table 4.2; Appendix E**). No mitigation measures or deterrence efforts were required for Muskox.

4.5.5 Predatory Mammal Deterrence and Protection

Improved practices for waste segregation and incineration, the use of enclosed food waste facilities, and skirting around buildings have improved Arctic Fox protection and decreased fox-human interactions (see **Table 4.3**). No deterrence efforts were required for Muskox or birds in 2019 (**Table 4.3**).

Table 4.3: Summary of Deterrence Activities at the Meadowbank Mine and Whale Tail Sites from 2015 to 2019.

Species	2015	2016	2017	2018	2019
Mammals					
Arctic Fox	6	6	2		4
Caribou	10	24			2
Red Fox	1				
Wolf	1	4	9	14	9
Wolverine	5	3	10	17	16
Total	**23**	**37**	**21**	**31**	**31**
Birds					
Ducks	2	5			
Ducks & Geese	1				
Geese		3			
Snow Goose				1	
Tundra Swan	1				

Wolverines were regularly observed around the Meadowbank and Whale Tail sites primarily during the winter months in 2019 (see **Table 4.2**, **Figure 4.1**, and **Appendix E**). Deterrence actions, which followed the Wildlife Protection and Response Plan (Appendix C in 2019 TEMP), were required on 16 occasions primarily in January and December (**Table 4.1**). One Wolverine, which was not successfully deterred from the site, was dispatched on February 22nd (see **Section 4.5.6.2** and **Table 4.3**). Well-defined food-handling practices and employee awareness programs have minimized Wolverine fatalities or Wolverine-human interactions but the number of deterrence efforts were similar to 2018 (see **Table 4.3**).

Wolves were also regularly observed around the Meadowbank and Whale Tail sites primarily in the summer months, unlike the pattern of winter observations in 2018 (see **Table 4.2**, **Figure 1**, and **Appendix E**). Deterrence actions were required on nine (9) occasions from April through September (**Table 4.1**). Notices were sent on a periodic basis to Meadowbank employees regarding the presence of wildlife, waste management procedures, and requesting all sea cans and doorways be closed.

Grizzly Bears were reported on four (4) occasions in 2019 (**Table 4.2**; **Appendix E**). No deterrence action was required.

4.5.6 Wildlife Mortality – Meadowbank and Whale Tail Sites

A summary of recorded wildlife fatalities near or within the mine site in 2019 is provided in **Table 4.4**, and a summary of fatalities to date is provided in **Table 4.5**. Copies of mortality incident reports can be found in **Appendix D**. Road-related fatalities are tabulated and discussed in **Section 3.6.6**.

Table 4.4: 2019 Mine Site Wildlife Fatality Log.

Date	Species	Count	Mine Related	Location	Comments
22 Feb	Wolverine	1	Yes	Amaruq Camp	Dispatched after deterrence actions were unsuccessful and authorization received from DoE (see **Appendix D**)
27 Aug	Stickleback	multiple	Yes	NE Pond, Amaruq	Sticklebacks were being impinged and killed on intake screen of pump for NE discharge (see letter to DFO - **Appendix D**)
21 Dec	Arctic Fox	1	Yes	Meadowbank Site, near HAZMAT area	Found in middle of road; roadkill incident; taken to incinerator (see **Appendix D**)

Table 4.5: Summary of Mine Site Related Wildlife Fatality Records for Caribou and Predatory Mammals (2007 to 2019).

Year	Caribou	Grizzly Bear	Wolverine	Wolf
2007	0	0	0	0
2008	0	0	0	2
2009	0	0	0	4
2010	0	0	0	1
2011	0	0	1	4
2012	0	0	0	1
2013	0	0	1	0
2014	0	0	0	1
2015	4[1]	0	0	1[2]
2016	1[3]	0	0	0
2017	1[3]	0	1	3[4]
2018	0	0	1	2[5]
2019	0	0	1	0

[1] One Caribou died of natural causes while three were killed by Wolves.
[2] Naturally injured Wolf that needed to be euthanized.
[3] One Caribou killed by Wolves.
[4] One Wolf likely killed by Wolverine.
[5] Wolf died at mine site of head injuries; did not need to be dispatched

Caribou

No Caribou mortalities related to project activities were reported at the mine site in 2019. All incident reports, observations, deterrence activities, and environment team responses to Caribou sightings are included in **Appendix E**.

Predatory Mammals

All incident reports, observations, deterrence activities, and environment team responses to predatory mammal sightings are included in **Appendices E** and **F**.

One Wolverine, which was accessing the kitchen grease trap at the Amaruq camp site by going under the sleeping quarters and water treatment plant, was euthanized on February 22nd when deterrence actions beginning 18 February were not successful (see **Appendix D**). Written wildlife destruction authorization was received from the Baker Lake Conservation Officer, Robert Arsenault (see **Appendix D**). Adaptive mitigation actions taken included, placing metal sheets onto the walls of the grease trap and kitchen area, ensuring sheeting covers extended to the ground, and being more vigilant in deterring wildlife when reported around the Amaruq site.

Other Wildlife

On December 21st, an Arctic Fox carcass was found in the middle of the road near the HAZMAT area of the Meadowbank camp (see **Appendix D**). The carcass was taken to the incinerator to avoid attracting other scavengers to the area.

In late August, a number of sticklebacks were impinged and killed on the intake screen of a second pump at the NE pond at Amaruq (see **Appendix D**), and the Department of Fisheries was notified on August 29th. The pump was stopped until mitigation measures were put in place to prevent reoccurrence. Mitigation measures consisted of inspecting the intake pump and downstream lake area on a daily basis, and modifying the pumping intake location in a manner to limit access by small-bodied fish.

4.6 ACCURACY OF IMPACT PREDICTIONS

Table 4.6 provides a summary of the impact predictions identified in the TEMP (Agnico Eagle 2019) that are evaluated, in part, by the mine site ground surveys. Specifically, the 2019 mine site ground survey monitoring data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. None of the thresholds were exceeded in 2019 (**Table 4.6**).

Table 4.6: Accuracy of Impact Predictions – Mine Site Wildlife Disturbances.

Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented	Status
Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NA	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.	Satellite-collaring data Road surveys Daily and weekly pit and mine-site ground surveys Incidental wildlife reporting Motion sensing cameras
Disturbance to Nesting Raptors	Raptor nest failures will not be caused by mine-related activities. Threshold is one (1) nest failure per year.	NO	NO	Daily and weekly pit and mine-site ground surveys Incidental wildlife reporting Dedicated raptor nest surveys Road surveys
Disturbance of Nesting, Roosting or Moulting Waterfowl	Mine facilities and activities will not affect the breeding success of Waterbirds occurring in the area or disturb large concentrations of roosting or moulting Waterbirds. Threshold level is one (1) nest failure per year.	NO	NO	Daily and weekly pit and mine-site ground surveys Waterbird nest surveys
Project-related Mortality	Destruction of two (2) problem Grizzly Bear, Wolverine, or Wolf per year.	NO. One (1) Wolverine dispatched in 2019	NO	Daily and weekly pit and mine-site ground surveys
Project-related Mortality	Two (2) Caribou or Muskoxen mortality per year because of mine-related activities (e.g., falling into pits, tailing, sludge or other means)	NO	NO	Daily and weekly pit and mine-site ground surveys
Project-related Mortality	Raptors and Waterbirds will not be killed at the mine site. Threshold is one (1) individual per year.	NO	NO	Daily and weekly pit and mine-site ground surveys

4.7 MANAGEMENT RECOMMENDATIONS

The following are specific management recommendations for the mine site ground survey monitoring program:

- Continue to conduct informal and formal, daily and weekly, pit and mine surveys to document wildlife activity and to verify that effects to wildlife are not occurring because of mine-related activities;
- Continue raptor nest monitoring around the Meadowbank and Whale Tail LSAs, and along the AWAR, Vault Haul Road, and Whale Tail Haul Road;
- Continue to apply the Wildlife Protection and Response Plan (Appendix C, 2019 TEMP), which includes waste provisions, training, incident reporting, and protocols for problem wildlife. Efforts should be taken to ensure all perishable garbage is directed to the incinerator;
- Continue training and re-education to ensure that incidental wildlife reporting is completed by all mine site personnel so that environmental personnel can remain informed of pertinent wildlife-related activity near the mine site;
- Monitor tailings ponds daily during the waterbird migration period, beginning in mid-May. Increase the frequency of deterrent use if required; and
- Gather detailed information (e.g., sex; age) on deceased animals and include in incident reports.

SECTION 5 • WILDLIFE HABITAT MONITORING

5.1 OVERVIEW

The wildlife habitat mapping monitoring program was developed to describe the overall area of different Ecological Land Classification (ELC) units lost due to mine-related activities (i.e., during construction, operation, decommissioning, and post-closure phases) at three primary locations: Meadowbank Main and Vault sites (which together encompass the mine site), the AWAR, and the Whale Tail Pit and Haul Road. The initial strategy in the impact assessments for Meadowbank and Whale Tail was to compare predicted habitat losses due to mine development to actual losses (i.e., from the environmental assessments); however, regular infrastructure extensions and expansions, changes to the project, and subsequent regulatory approvals, made this approach difficult to implement. The current approach is to compare habitat losses from development to permitted areas, which encompass all proposed development.

5.2 OBJECTIVE

The primary initial objective of the habitat mapping monitoring program was to confirm that habitat losses identified in the TEMP (Agnico Eagle 2019) and the Whale Tail Pit EIS Addendum (Golder 2016) for the mine sites, haul roads, and AWAR, plus any subsequent approved extensions, have not exceeded threshold limits. As indicated above, this approach was difficult to execute due to regular mine plan changes and subsequent approvals; therefore in 2018, habitat losses were compared to permitted areas, which encompass mine development areas. A summary of each monitoring parameter, predicted losses, permitted areas, and thresholds for the Meadowbank Mine and Whale Tail components is included in **Tables 5.1** and **5.2**, respectively.

Table 5.1: Habitat Mapping Monitoring Parameters, Predicted Footprint Losses, Permitted Areas, and Thresholds for the Meadowbank Mine, AWAR and Vault Haul Road.

Monitoring Parameter	Mine Site Predicted Loss	Mine Site Permitted Area	AWAR / Vault Haul Road Predicted Loss	Threshold
Wildlife Habitat	867 ha	1,532 ha	281 ha[1]	>5% Predicted
Ungulate – High Suitability Habitat	240 ha (growing) 191 ha (winter)	531 ha (growing) 407 ha (winter)	63 ha (growing) 188 ha (winter)	>10% Predicted
Small Mammals – High Suitability Habitat	Given the minimal effects associated with the Meadowbank project, habitat loss effects on Small Mammals were screened out during the EA (Golder 2016)			
Waterbirds – High Suitability Habitat	518 ha	417 ha	22 ha	>10% Predicted
Breeding Birds – High Suitability Habitat	322 ha	736 ha	170 ha	>10% Predicted

[1] Permitted areas along the AWAR and Vault Haul Road is 348 ha.

Table 5.2: Habitat Mapping Monitoring Parameters, Predicted Footprint Losses, Permitted Areas, and Thresholds for the Whale Tail Pit and Haul Road.

Monitoring Parameter	Whale Tail Predicted Loss	Whale Tail Permitted Area	Threshold
Wildlife Habitat	820 ha	1,473 ha	>5% Predicted
Ungulate – High Suitability Habitat	30 ha (growing) 342 ha (winter)	76 ha (growing) 602 ha (winter)	>10% Predicted
Small Mammals – High Suitability Habitat	Given the minimal effects associated with the Meadowbank project, habitat loss effects on Small Mammals were screened out during the EA (Golder 2016)		
Waterbirds – High Suitability Habitat	Given the minimal effects associated with the Meadowbank project, habitat loss effects on Waterbirds were screened out during the EA (Golder 2016)		
Breeding Birds – High Suitability Habitat	Given the minimal effects associated with the Meadowbank project, habitat loss effects on Breeding Birds were screened out during the EA (Golder 2016)		

5.3 DURATION

The total area of habitat disturbance associated with mine site and ancillary facility construction was mapped following significant construction completion (2010) and was to be mapped annually during the operation phase as detailed in the TEMP (Cumberland 2006). At the end of 2010, a detailed ELC habitat loss analysis found that habitat losses to date were substantially lower than predicted and that no habitat loss thresholds for VECs were exceeded. Given this outcome, another detailed ELC habitat loss analysis was not provided until the 2012 report, which had similar conclusions as those in 2010. The 2014 habitat analysis determined that habitat losses were still below predicted losses but that some of the thresholds were being reached. A partial analysis was conducted in 2017 while a full and through analysis using a revised approach (see **Section 5.1**) was completed in 2018.

The current habitat mapping monitoring program is intended to be completed every three years post-construction or if changes are greater than 25% of the overall mine site footprint from the previous year evaluation. This frequency may be reduced during the operation phase if the amount of new disturbance and reclamation areas is relatively unchanged. Following decommissioning, vegetation mapping will be conducted in the first two years post-closure and every three years thereafter until Year 11 post-closure to verify that thresholds have been met. The next complete habitat analysis is scheduled for 2021.

5.4 HISTORICAL RESULTS

5.4.1 Meadowbank Mine Site

In 2014, construction of the Main Site construction was almost complete, including most of the infrastructure for the Vault Pit area, although much of the pit and waste rock storage area had not yet been disturbed. ELC results for the mine site footprint, based on as-built drawings from 2014, were compared to predicted ELC unit losses from the 2005 EIS, plus approved extensions. Actual habitat loss for the mine site in 2014 was calculated to be 775.7 ha, which was 91.1 ha less than the predicted total habitat loss of 866.8 ha for the mine site. Differences between predicted and actual habitat losses were greatest in Heath Tundra, Birch and Riparian Shrub, and Lichen ELC units, all of which are High suitability habitat for ungulates during the winter season. Although no thresholds (>5 to 10% above predicted losses) for the loss of High suitability habitat were exceeded for any VECs, threshold levels for the mine site were almost reached in 2014. Consequently, commitments were made to remove the material stored in the NPAG extension area (which was approved by NWB) and use it for capping of the North Cell Tailings Storage Facility during the closure/reclamation phase of the mine.

In 2017, the mine development footprint had changed substantially since the 2014 analysis (see **Figure 5.1**). The Vault Pit was fully operational and had expanded into the Phaser Lake area. Although the Phaser Lake extension was completed with approval from the NIRB and the Nunavut Water Board (NWB), the size of the extension area was not available for habitat calculations in the 2017 report. Actual habitat loss for the mine site in 2017 was calculated to be 1,021 ha, which was 154 ha more than the predicted total habitat loss of 867 ha for the mine site. The difference between predicted and actual habitat losses was primarily attributable to the final extent of the Vault waste dump, the Phaser Lake extension of the Vault Pit area (i.e., not included in the 867 ha calculation), and the as-built layout of the NPAG expansion of the Portage Waste Rock Facility. Differences between predicted and actual habitat losses were greatest for the Sedge, and Birch and Riparian Shrub ELC units, both of which are High suitability habitat for ungulates during the winter season. Greater than 10% differences between predicted and actual habitat losses were also observed in Heath Tundra, Lichen, Lichen-Rock, and Rock and Boulder ELC units. Additionally, losses of High suitability habitat exceeded established thresholds for Ungulates (growing and winter season), Small Mammals, and Other Breeding Birds.

For the 2018 habitat analysis, the approach was revised to compare habitat losses to total area within Agnico Eagle's permitted areas, which also encompasses future work. For all ELC units combined, overall habitat losses (i.e., 1,129 ha) were 26% less than the habitat available within permitted areas (i.e., 1,532 ha) of the Meadowlark Mine Site; therefore, thresholds were not surpassed. Similar to the overall habitat loss assessment, high suitability habitat losses for Ungulates, Small Mammals, Waterbirds, and Other Breeding Birds were all well below high suitability habitats available within permitted areas, also not surpassing any thresholds.

5.4.2 AWAR

The ELC results for the AWAR had not changed since the 2010 analysis, and habitat loss analyses were not required. The 2010 ELC results for the AWAR were compared to ELC unit losses predicted in the 2005 EIS report. Construction of the AWAR required considerably less area (173 ha) than predicted in the 2005 EIS (281 ha) and for each ELC unit, actual habitat losses were less than predicted. ELC habitat loss values for the AWAR in 2010 were compared to predicted High suitability habitat losses for Ungulates (growing and winter season), Waterbirds, Other Breeding Birds, and Small Mammals. In all cases, the actual High suitability habitat losses were significantly less than predicted losses and no thresholds (i.e., >5 to 10% above predicted losses) were exceeded.

5.4.3 Whale Tail Pit and Haul Road

A thorough habitat loss analysis was conducted in 2018 and habitat loss outcomes were compared to permitted areas. For all ELC units, habitat losses were less than the habitat available within permitted areas; therefore, thresholds were not surpassed. As with the overall habitat loss assessment, high suitability habitat losses for Ungulates was well below high suitability habitats available within permitted areas; therefore, again no thresholds have been surpassed.

5.5 MANAGEMENT RECOMMENDATIONS

Calculated habitat loss for the project is well below habitats available within the permitted areas, as are high suitability habitat losses for wildlife VECs. Given this outcome, the next habitat analysis is planned for 2021.

SECTION 6 • CARIBOU SATELLITE-COLLARING PROGRAM

6.1 OVERVIEW

Agnico Eagle continues to collaborate with the GN DoE in a Caribou satellite-collaring program that includes data collected within the Meadowbank and Whale Tail RSAs, as per the MOU (renewed in 2017) with government partners. The GN biologists discuss collar deployments with hunters and Elders and get approval prior to proceeding. Discussions are ongoing between Agnico Eagle, GN, and other partners on the best path forward to ensure Caribou migration maps continue to integrate Elders and local HTO input.

Information pertaining to the identification and location of various herds that use the Meadowbank and Whale Tail RSAs at different times of the year are important components of ongoing monitoring and management efforts at the mine site and along project roads.

6.2 OBJECTIVES

The satellite-collaring program was developed to provide information on the distribution of Caribou occurring within the Meadowbank and Whale Tail RSAs and contribute data to ongoing satellite-collaring programs for the Ahiak, Qamanirjuaq, and other herds. The satellite-collaring program, along with GN DoE regional data, is an important monitoring and management tool that provides a regional perspective on Caribou activity near mine operations. Another key objective of the program is to provide timely information for the Caribou management and monitoring strategy at the Meadowbank and Whale Tail sites (i.e., Decision Tree approach; see 2019 TEMP [Agnico Eagle 2019]).

To determine whether Caribou approaching the mine and roads are being disturbed (e.g., if their movement is deflected to avoid the project), a comprehensive analysis of satellite collaring data since 2008 was undertaken by the GN and Agnico Eagle, led by the GN.

6.3 DURATION

The satellite-collaring program was initially designed to continue for five consecutive years in accordance with the original TEMP (Cumberland 2006), but collar deployments have continued beyond this period as part of a long-term Caribou monitoring strategy for the region. Caribou in the Baker Lake area were first collared in May 2008, and the program has continued for more than a decade.

6.4 METHODOLOGY

Caribou are carefully netted by the contracted satellite-collaring crew via helicopter and fitted with either an Advanced Research and Global Observation Satellite (ARGOS) GPS Type IV or Iridium satellite-collar. Collar data are regularly[1] retrieved electronically via satellite and distributed to GN DoE and Nunavut Environmental personnel by CLS America, the data-management company.

Deployed collar data were included in a population distribution analysis completed for the GN (Nagy et al. 2011). The clustering and movements of each collared Caribou are examined and assigned to the sub-population (i.e., Ahiak, Beverly, Lorillard, Qamanirjuaq, and Wager Bay) that best fits the animal's movement characteristics.

6.5 HISTORICAL RESULTS

Collaring was originally scheduled to commence in 2007 but was postponed for one year due to logistical constraints. Seven deployments, with a total of 115 collars, have been completed in the area around Baker Lake since Agnico Eagle became involved in the collaring program. The following numbers of collars were successfully deployed since 2008:

- 9 collars (Agnico Eagle) in May 2008;
- 21 collars (shared by Agnico Eagle and AREVA) in November 2009;
- 13 collars (Agnico Eagle) in April 2011;
- 15 collars (shared by Agnico Eagle and AREVA) in April 2013;
- 10 collars (Agnico Eagle) in April 2015;
- 13 collars (Agnico Eagle) in May 2016; and
- 34 collars (Agnico Eagle) in April 2018

Also included in **Section 6** figures are collared Caribou from the Qamanirjuaq herd, which are part of a separate GN program, and collars from a Government of the Northwest Territories (GNWT) program on the Beverly herd. These telemetry data are included because of the proximity of animals to the Meadowbank RSA. As discussed above, historical collar data have all been assigned to one of the five major sub-populations (Nagy et al. 2011).

6.6 2019 RESULTS

At the beginning of the 2019 monitoring year, 35 of the Baker Lake collared Caribou were still active, including three (3) from the 2015 deployment, four (4) from the 2016 deployment, and 28 from the April 2018. By the end of 2019, 31 collars were active, comprised of three (3) from the 2015 deployment, four (4) from the 2016 deployment, and 24 from the 2018 deployment. A summary of 2019 locations and movement patterns for Caribou collared around Baker Lake by season is described below and summarized in **Figure 6.1**.

[1] Data are often retrieved on a daily basis but may vary depending on signal strength and weather conditions.

Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Whale Tail Pit and Haul Road Regional Study Area (RSA)

0 50 100 150

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database,
Agnico-Eagle Mines Limited,
Department of Environment
(Gov't of Nunavut),
Gov't of Northwest Territories

[redacted]

Figure 6.1: 2019 Government of Nunavut and Northwest Territories Telemetry Programs Collar Locations

Meadowbank Gold Project

Prepared for: [redacted]

By: [redacted]

Seasonal movements of collared Caribou in close proximity to the Meadowbank RSA and LSA in 2019 are shown in **Figure 6.2**. Note that the seasons indicated in the figures and discussed further align with those identified in the 2019 TEMP (i.e., Spring – 01 April to 25 May; Summer – 26 May to 21 September; Fall – 22 September to 15 December; and Winter 16 December to March 31). In 2019, most Caribou appeared to migrate through the RSA and across the AWAR and Whale Tail Haul Road without major deflections. This positive result may be due to the number of road closures, timing of initial road closures and/or a combination thereof that were initiated in 2019 in response to Caribou presence.

Movements for Qamanirjuaq herd collared animals, a program also supported by Agnico Eagle, and animals collared by the GNWT are provided for context in **Figure 6.1**. At the beginning of 2019, 40 collars were active (i.e., 11 from the 2016 deployment, 8 from 2016, and 21 from 2017). In late April 2019, an additional 35 animals from the Qamanirjuaq herd were fitted with collars. By the end of 2019, 55 of the Qamanirjuaq collars were active (i.e., 6 from the 2016 deployment, 17 from 2017, and 32 from 2019). Seasonal movements of all collared Caribou are discussed below.

Spring (01 April to 25 May)

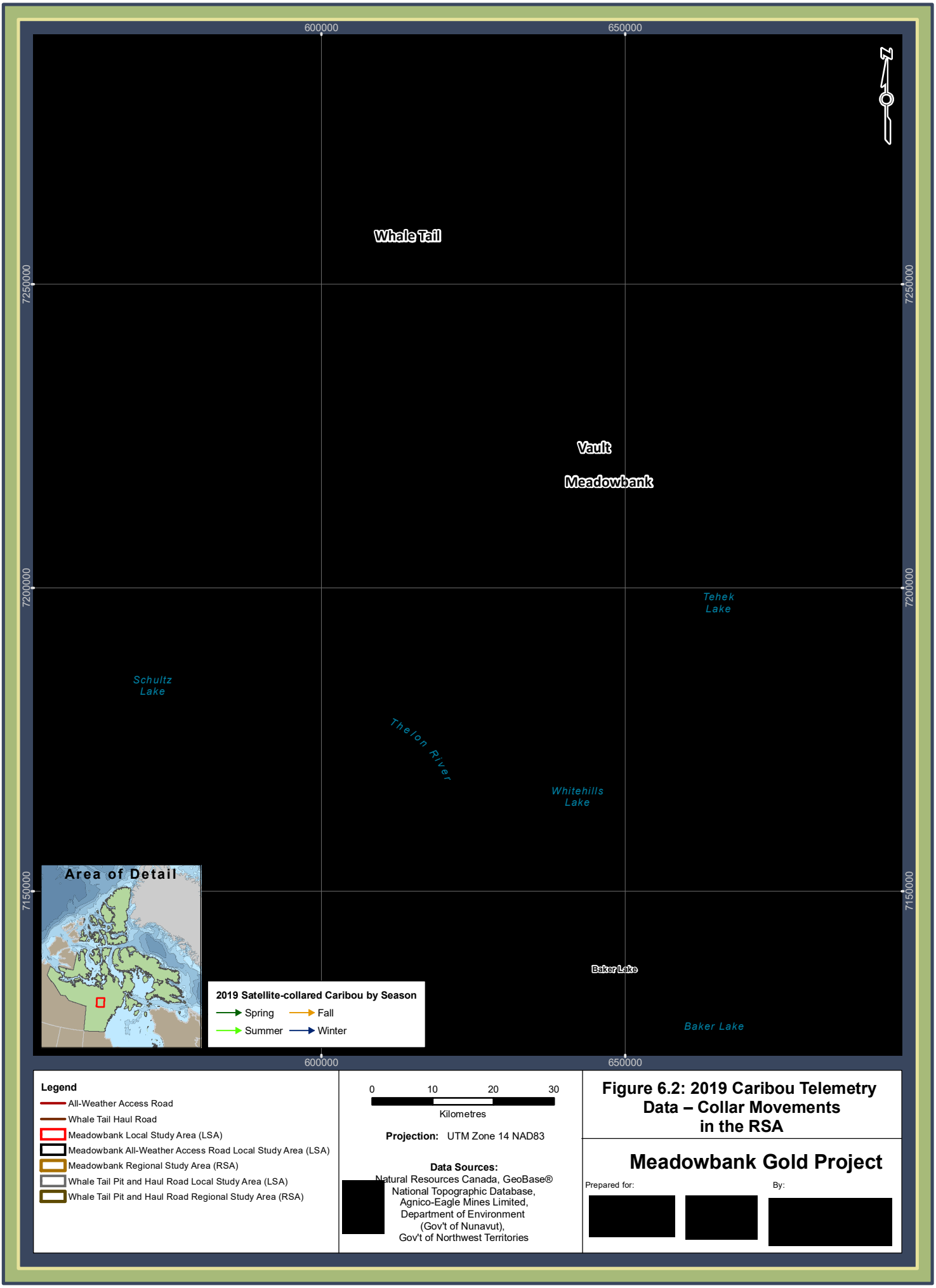
In 2019, spring collar data indicated movement of Caribou across the entire length of the AWAR and Whale Tail Haul Road (**Figure 6.3**), which was supported by road survey data (**Section 3**). Caribou moving across the AWAR appeared to be primarily from the Lorillard and Wager Bay Caribou herds while individuals moving across the Whale Tail Haul Road appeared to be from the Ahiak herd (**Figure 6.3**). The majority of collared Ahiak animals moved in a northeast direction well to the west of the Meadowbank RSA. A significant movement of the Qamanirjuaq herd to calving grounds occurred south of Chesterfield Inlet (**Figure 6.3**).

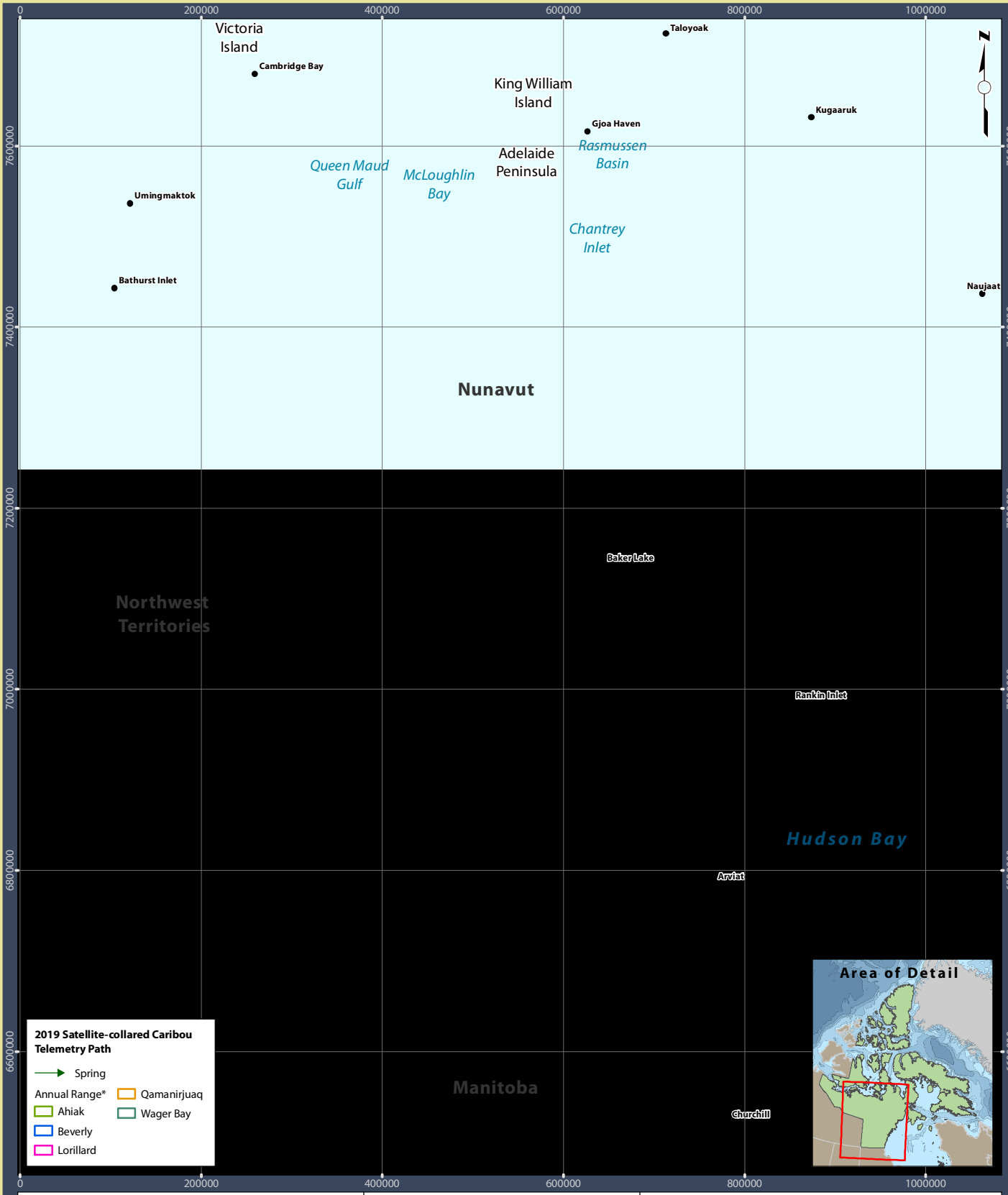
Summer (26 May to 21 September)

At least two individuals from the Ahiak herd spent a considerable amount of time in the vicinity of the Whale Tail Pit LSA during summer 2019 (**Figure 6.4**). Interestingly, one Caribou that had migrated with the Qamanirjuaq herd to calving grounds south of Chesterfield Inlet crossed the inlet just east of Baker Lake and wandered in a northwest direction through the Whale Tail RSA to join the Ahiak herd (**Figure 6.4**). The majority of collared Ahiak animals were well to the northwest and west of the Meadowbank RSA. South of Chesterfield Inlet, collared Qamanirjuaq animals moved in a largely clockwise direction in an area generally west of Arviat (**Figure 6.4**).

Fall (22 September to 15 December)

At least five collared Caribou from the Wager Bay and Lorillard herds moved across the AWAR in fall 2019 (**Figures 6.2** and **6.5**). This movement corresponded with a large number of Caribou observed on road surveys (see **Section 3**) and an increased number of animals harvested by hunters (see **Section 10**). Collared Ahiak animals were well west of the Meadowbank RSA in an area southeast of Bathurst Inlet (**Figure 6.5**). South of Baker Lake, collared Qamanirjuaq animals moved further south into northern Manitoba and then migrated in a western direction toward the Northwest Territories (**Figure 6.5**).


600000
650000
7250000
7200000
7150000
Whale Tail
Vault
Meadowbank
Tehek Lake
Schultz Lake
Thelon River
Whitehills Lake
Baker Lake
Baker Lake
Area of Detail
2019 Satellite-collared Caribou by Season
Spring
Fall
Summer
Winter
Legend
All-Weather Access Road
Whale Tail Haul Road
Meadowbank Local Study Area (LSA)
Meadowbank All-Weather Access Road Local Study Area (LSA)
Meadowbank Regional Study Area (RSA)
Whale Tail Pit and Haul Road Local Study Area (LSA)
Whale Tail Pit and Haul Road Regional Study Area (RSA)
0
10
20
30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada, GeoBase® National Topographic Database, Agnico-Eagle Mines Limited, Department of Environment (Gov't of Nunavut), Gov't of Northwest Territories
Figure 6.2: 2019 Caribou Telemetry Data – Collar Movements in the RSA
Meadowbank Gold Project
Prepared for:
By:



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank Local Study Area (LSA)
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Whale Tail Pit and Haul Road Regional Study Area (RSA)

* Official home ranges and calving grounds are from the following publication: Nagy, J. A., D. L. Johnson, N. C. Larter, M. W. Campbell, A. E. Derocher, A. Kelly, M. Dumond, D. Allaire, and B. Croft. 2011. Subpopulation structure of caribou (Rangifertarandus L.) in arctic and subarctic Canada. Ecological Applications [doi:10.1890/10-1410.1].

0 50 100 150

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database,
Agnico-Eagle Mines Limited,
Department of Environment
(Gov't of Nunavut),
Gov't of Northwest Territories

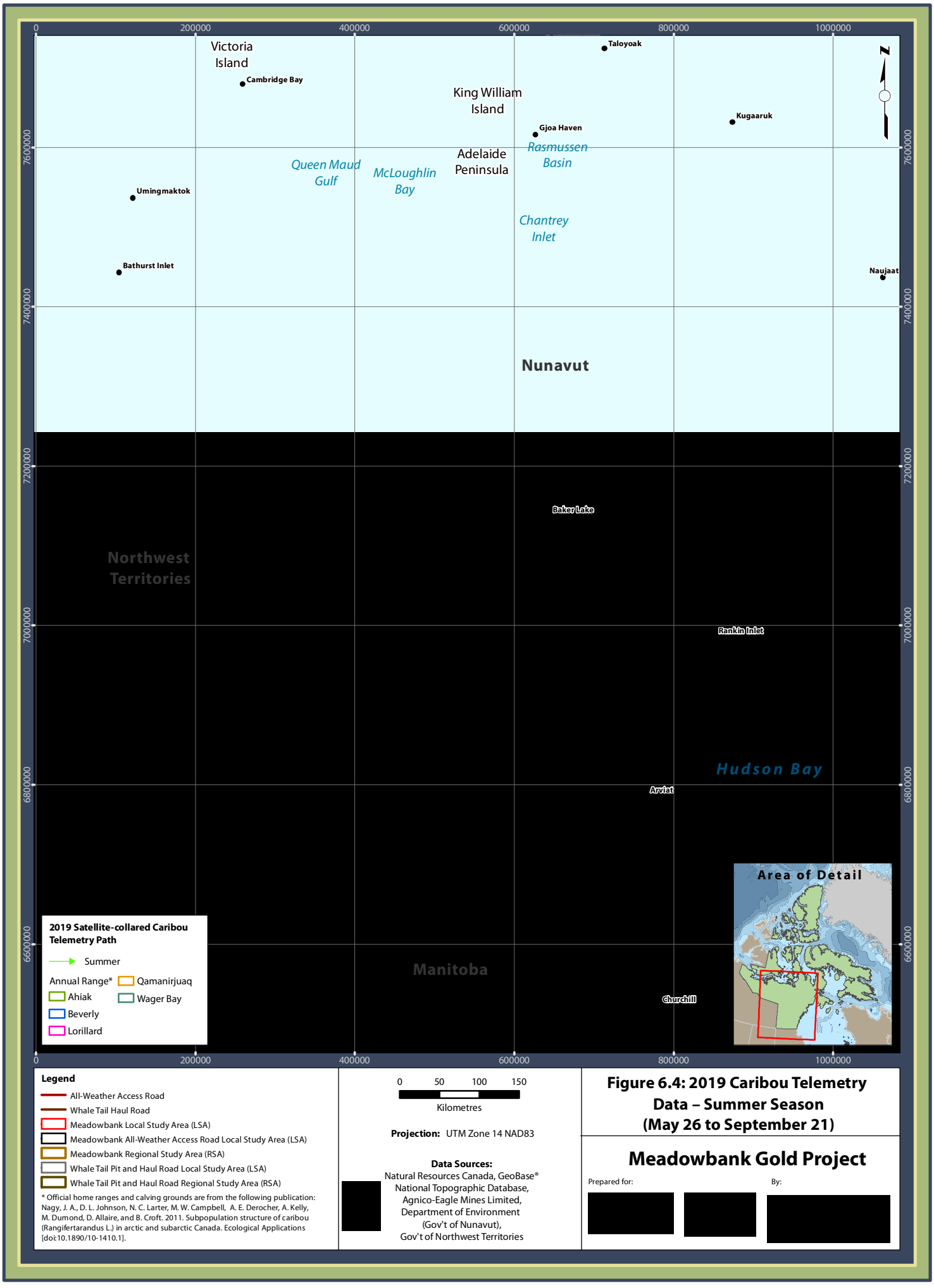
[redacted]

Figure 6.3: 2019 Caribou Telemetry Data – Spring Season (April 1 to May 25)

Meadowbank Gold Project

Prepared for: [redacted]

By: [redacted]



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank Local Study Area (LSA)
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)
- Whale Tail Pit and Haul Road Local Study Area (LSA)
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0 50 100 150

Kilometres

Projection: UTM Zone 14 NAD83

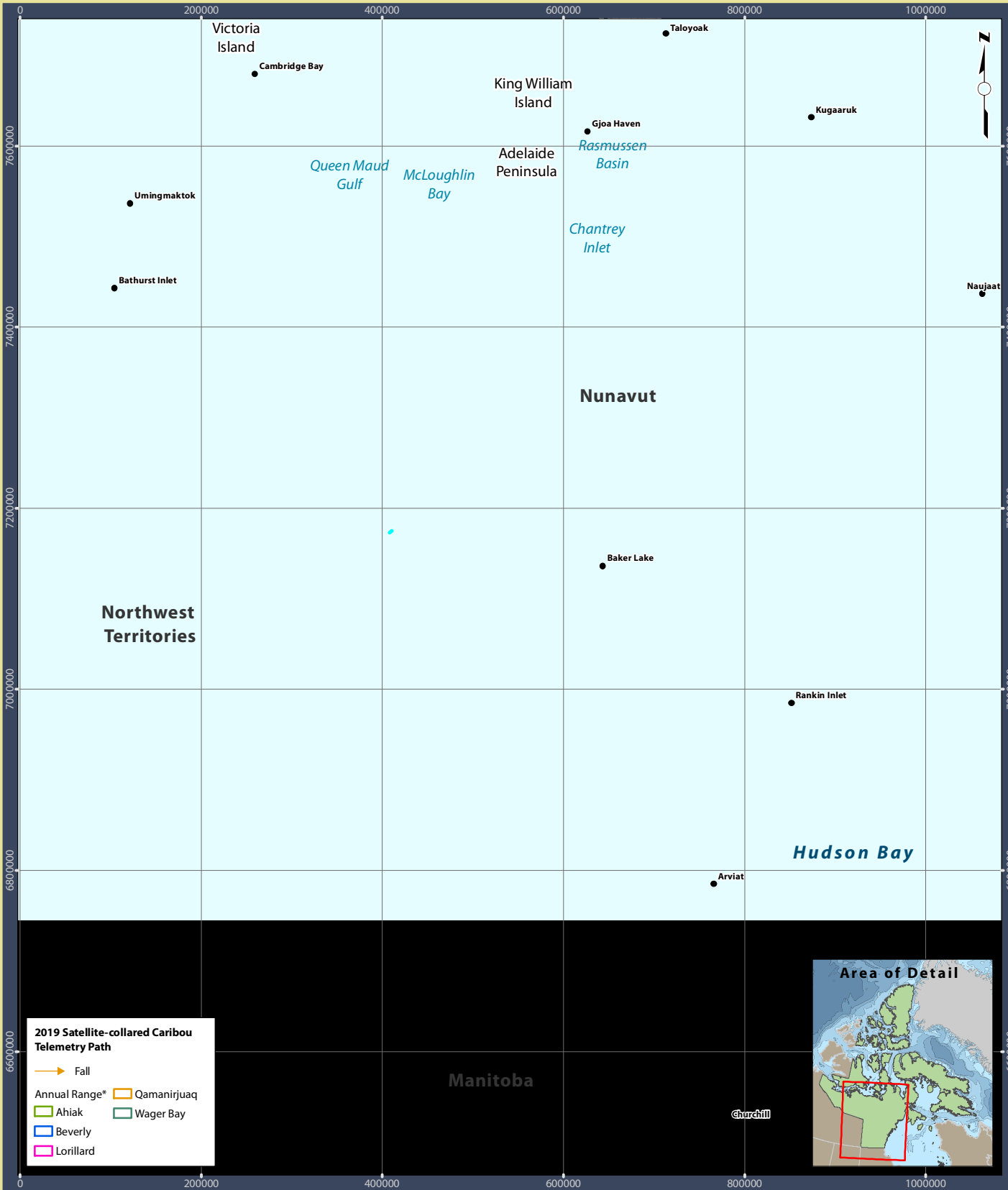
Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database,
Agnico-Eagle Mines Limited,
Department of Environment
(Gov't of Nunavut),
Gov't of Northwest Territories

Figure 6.4: 2019 Caribou Telemetry Data – Summer Season (May 26 to September 21)

Meadowbank Gold Project

Prepared for:

By:



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank Local Study Area (LSA)
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)
- Whale Tail Pit and Haul Road Local Study Area (LSA)
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0 50 100 150

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database,
Agnico-Eagle Mines Limited,
Department of Environment
(Gov't of Nunavut),
Gov't of Northwest Territories

Figure 6.5: 2019 Caribou Telemetry Data – Fall Season (September 22 to December 15)

Meadowbank Gold Project

Prepared for:

By:

Winter (16 December to 31 March)

Collared Caribou were not present in the Meadowbank or Whale Tail RSAs during the winter of 2019 (**Figure 6.6**). A cluster of collared Lorillard and Wager Bay animals were present in the Aberdeen Lake area, which was also frequented by some hunters in 2019 (see **Section 10**). Qamanirjuaq and Ahiak collared animals wintered in western Nunavut and northeastern Northwest Territories (**Figure 6.6**).

All Seasons

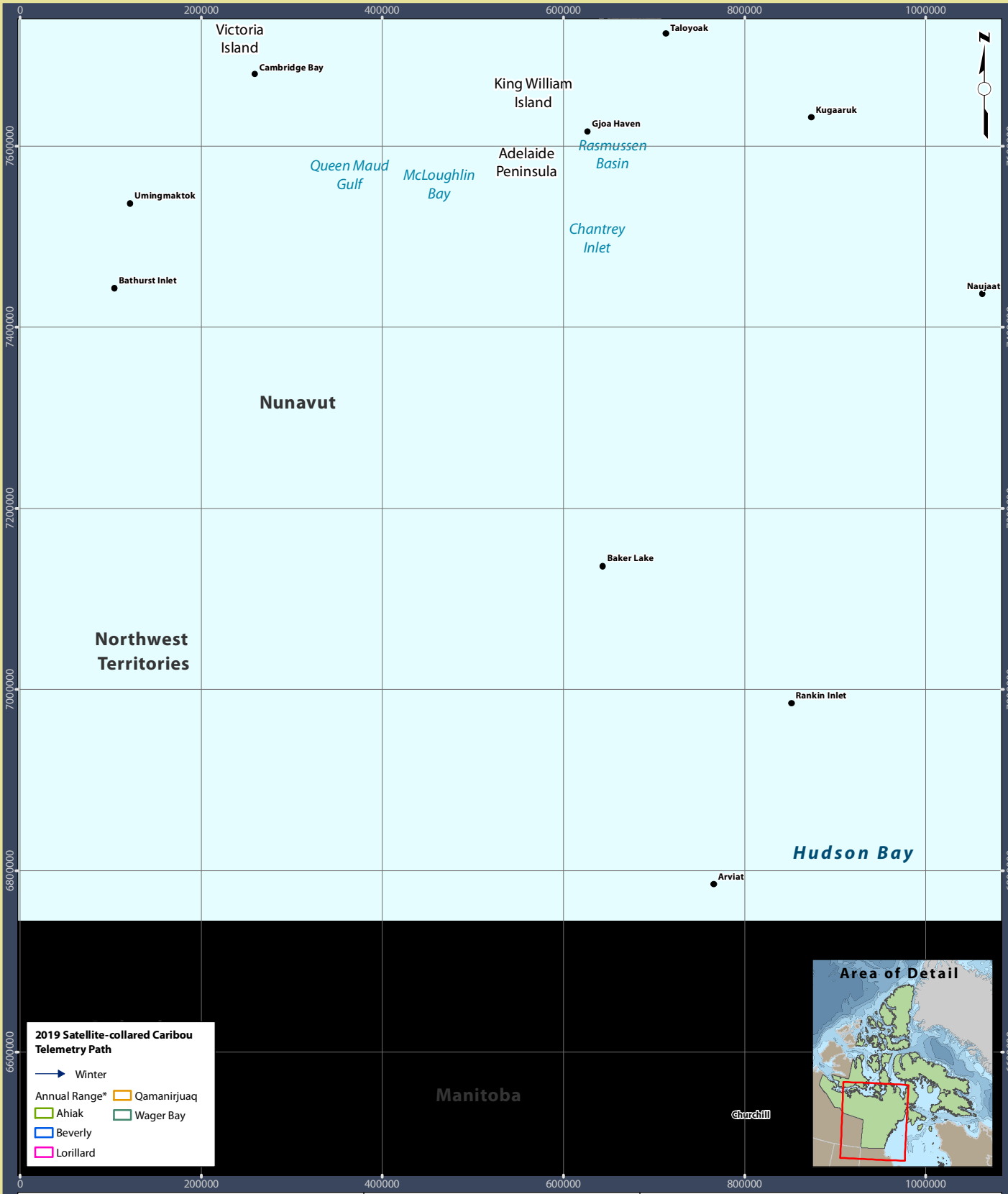
An overview of collared Caribou distribution in 2019 for all seasons is provided in **Figure 6.1.** These data include all remaining active collars from 2015, 2016, 2017, 2018 and 2019 deployments around the Baker Lake area. General trends in seasonal distribution are evident and generally comparable to findings from previous years for animals collared in this area. Collared Caribou calved (light green symbol) in five distinct areas: 1) around McLoughlin Bay and Rasmussen Basin and Kugaaruk (Ahiak herd); 2) north and west of Repulse Bay (Wager Bay herd); 3) between Chesterfield Inlet and Wager Bay, towards Hudson Bay (Lorillard herd); 4) south of Chesterfield Inlet in the traditional calving grounds of the Qamanirjuaq herd; and 5) along the Queen Maud Gulf and McLoughlin Bay (Beverly). By the end of 2019, collared animals were congregated either between Aberdeen Lake and Dubawnt Lake, on Qamanirjuaq wintering grounds in the Northwest Territories, and in northeastern Northwest Territories (**Figure 6.1**).

As in most monitoring years to date, few collared Caribou were found within the Meadowbank and Whale Tail RSAs during the calving season (i.e., summer). In addition, no collared individuals were found in the RSAs during the winter season. Within the Meadowbank and Whale Tail RSAs, collared Caribou were present predominantly during the spring and fall periods (**Figure 6.2**).

At the end of 2019, 31 satellite collars originally deployed near Baker Lake continued to be active and tracked, with results being downloaded on a regular basis. Caribou collaring maps are posted at the Meadowbank mine site for staff to observe; however, maps are slightly out of date and do not depict current locations (i.e., in order not to facilitate hunting pressure).

6.7 CARIBOU MIGRATION PATTERNS

A summary of Caribou migration patterns, which synthesizes migration information from satellite-collaring data to 2012 and was developed by the GN for the spring and fall migrations, was provided in the 2014 annual report. The seasonal range maps are currently being updated by the GN and will include an update on migration corridors. As these figures have not been updated, they are not discussed in this year's report.



Legend

- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank Local Study Area (LSA)
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Regional Study Area (RSA)
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Whale Tail Pit and Haul Road Regional Study Area (RSA)

* Official home ranges and calving grounds are from the following publication: Nagy, J. A., D. L. Johnson, N. C. Larter, M. W. Campbell, A. E. Derocher, A. Kelly, M. Dumond, D. Allaire, and B. Croft. 2011. Subpopulation structure of caribou (Rangifertarandus L.) in arctic and subarctic Canada. Ecological Applications [doi:10.1890/10-1410.1].

0 50 100 150

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database,
Agnico-Eagle Mines Limited,
Department of Environment
(Gov't of Nunavut),
Gov't of Northwest Territories

Figure 6.6: 2019 Caribou Telemetry Data – Winter Season (December 16 to March 31)

Meadowbank Gold Project

Prepared for:

By:

6.8 ACCURACY OF IMPACT PREDICTIONS

A summary of the impact predictions identified in the TEMP is provided in **Table 6.1**. The 2019 satellite-collaring data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure.

Table 6.1: Accuracy of Impact Predictions – Satellite-collaring Data

Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented	Status
Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	No	YES. Multiple road closures and notices. Use of Decision Tree for management and monitoring. Ongoing analysis by GN (in partnership with Agnico Eagle)	Satellite-collaring data Daily and weekly pit and mine-site ground surveys AWAR and Haul Road surveys HOL Surveys Motion sensing cameras
Hunting by Baker Lake Residents	Caribou herds will not be significantly affected by year-round access to the RSA.	No	NA	Satellite-collaring data Hunter Harvest Study

6.9 MANAGEMENT RECOMMENDATIONS

The 2019 satellite-collaring data depicted Caribou movements within and through the Meadowbank and Whale Tail RSAs and LSAs during most seasons but particularly during spring and fall. Most 2019 Caribou activity was observed during the spring and fall migration requiring numerous road closures and restrictions along the Whale Tail Haul Road and Meadowbank AWAR. Agnico Eagle and regulatory agencies are committed to conducting more detailed analyses of Caribou monitoring data, satellite collar data, hunter harvest activity, and other potential influences on Caribou movement and migration to adaptively manage and minimize project-related effects on Caribou. Agnico Eagle is also exploring the link between Caribou road crossings and road closures and several technical memorandums have been presented to the TAG regarding effects to Caribou.

Agnico Eagle environment department should continue to closely monitor Caribou movement in the weeks leading up to seasonal migrations using the latest available satellite-collaring and monitoring data (e.g., road surveys) as well as incidental reports from staff. As a proactive adaptive management strategy, notification and announcements, staff re-education, specific dispatch protocols, and temporary road closures should continue to be implemented. Where applicable, Caribou management and monitoring should be conducted according to protocols outlined in the 2019 TEMP, including continued use of a decision tree. Issues and concerns that arise should be discussed with regulatory personnel and during TAG meetings to ensure that a balance is achieved between Caribou protection and conservation, and mine operation. Infographic tools developed to assist in presenting and educating site staff and road users on key information and actions should continue to be used.

SECTION 7 • HEIGHT OF LAND MONITORING

7.1 OVERVIEW

The purpose of the Height of Land (HOL) surveys is to serve as another level of Ungulate monitoring along the Whale Tail Haul Road.

In 2019, Agnico Eagle advanced the idea of using Roadside Survey Points instead of HOL locations because of safety and logistical reasons. A viewshed analysis and report were prepared by Golder (2020a – see **Appendix G**). Agnico Eagle, subject to approval by the TAG, intends to begin using the Roadside Survey Points in 2020. If this is the case, the approach and methodology will be described in the 2020 annual wildlife monitoring report.

7.2 OBJECTIVES

The HOL surveys provide an 'early warning' system of the presence of Caribou in proximity to the Whale Tail Pit and Haul Road.

7.3 DURATION

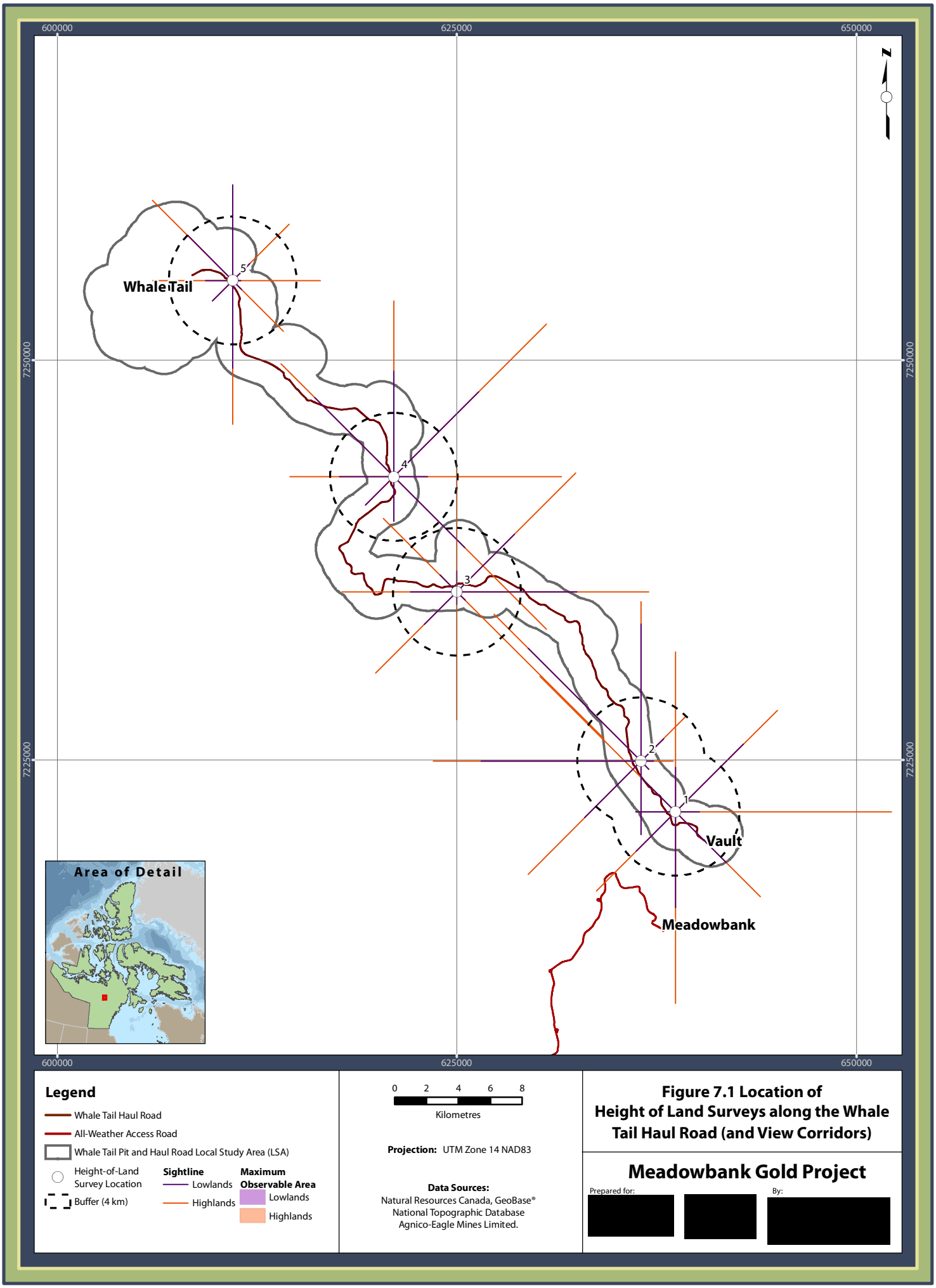
The HOL surveys are scheduled to be conducted once per week from January to April and from July to August. From May to June and September to December, the prime migratory period for Caribou, the frequency of surveys will increase to twice per week unless triggers (see **Section 9**) require surveys every two days.

7.4 METHODOLOGY

Five easily accessible HOL survey locations were established in 2017 along the Whale Tail Haul Road (see **Figure 7.1**). The locations are within 500 m of the Whale Tail Pit Haul Road and provide an unobstructed view (up to 360^0) of the surrounding terrain. While conducting the ground surveys, two observers stop at the HOL locations and survey the area for 20 minutes using a combination of naked eye, binoculars, and scope. The surveyors independently view the landscape for Caribou starting at opposite cardinal directions and scan 180° for five minutes at a time, but move 90° every 5 minutes. Results are then compared to determine if Caribou Group Size Threshold (GST; see **Section 9**) is triggered, but consensus on numbers is not necessary as each survey will generate a separate result for each observer so that variability can be incorporated into detection rates.

7.5 2019 RESULTS

Fifty HOL surveys were conducted between 09 January and 15 December 2019. Because of weather-related issues, particularly in during the winter months, not all five HOL locations could be surveyed on each of the survey days. A summary of survey results by Caribou season is provided in **Table 7.1**. Raw data is provided in **Table 7.2** while field survey sheets can be found in **Appendix H**.



Legend

- Whale Tail Haul Road
- All-Weather Access Road
- Whale Tail Pit and Haul Road Local Study Area (LSA)
- Height-of-Land Survey Location
- Buffer (4 km)

Sightline
- Lowlands
- Highlands

Maximum Observable Area
- Lowlands
- Highlands

0 2 4 6 8
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited.

Figure 7.1 Location of Height of Land Surveys along the Whale Tail Haul Road (and View Corridors)

Meadowbank Gold Project

Prepared for: [redacted]

By: [redacted]

Table 7.1: Cumulative Number of Wildlife Observed on Height-of-Land Surveys along the Whale Tail Haul Road in 2019.

	Caribou Seasons			
Species	**Spring 01 Apr to 25 May**	**Summer 26 May to 21 Sep**	**Fall 22 Sep to 15 Dec**	**Winter 16 Dec to 31 Mar**
MAMMALS				
Arctic Hare	2	3	3	
Caribou	842	177	529	
Muskox	17	16		32
Wolf			1	
Wolverine			1	1
BIRDS				
Canada Goose		6		
Geese sp.		167		
Gull sp.		2		
Owl sp.		2		
Ptarmigan sp.		19	15	
Snow Bunting		10		
Snow Goose		346		

7.6 MANAGEMENT RECOMMENDATIONS

In 2019, an effort was made to identify Roadside Observation Points that could more easily and safely be surveyed (Golder 2020a – **Appendix H**). Based on discussions within the TAG, these Roadside Observation Points will be used in 2020 and replace the HOL surveys.

Table 7.2: Height-of-Land Survey Data along the Whale Tail Haul Road in 2019. Highlighted cells were not surveyed.

Date (2019)	Observations (4 directions-360^0)	HOL 1	HOL 2	HOL 3	HOL 4	HOL 5	Comments
Winter Season (01 January to 31 March)							
01 Jan	All directions				-	-	No observations
10 Jan	N – 5 minutes			-			Muskox resting 350 m from HOL
	E – 5 minutes			-			
	S – 5 minutes			-			
	W – 5 minutes			30 Muskox			
30 Jan	All directions			-	-	-	No observations
06 Feb	All directions	-	-	-	-	-	No observations
27 Feb	N – 5 minutes	-	-	-	1 Wolverine	-	Wolverine walking >1km from HOL; Muskox resting >1.5km from HOL
	E – 5 minutes	-	-	-	2 Muskox	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	-	-	-	-	-	
13 Mar	All directions	-	-	-	-	-	No observations; visibility very poor
Spring Season (01 April to 25 May)							
04 Apr	N – 5 minutes		-	-	-	-	Caribou walking slowly 850 m from HOL
	E – 5 minutes		-	-	-	-	
	S – 5 minutes		11 Caribou	-	-	-	
	W – 5 minutes		-	-	-	-	
06 Apr	All directions		-	-			No observations
20 Apr	N – 5 minutes	-	45 Caribou	-	9 Caribou	-	Almost all observations >1 km from HOL stations; some Caribou at HOL 5 were 650 m away
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	43 Caribou	37 Caribou	-	-	-	
	W – 5 minutes	-	-	-	-	72 Caribou	
21 Apr	N – 5 minutes	-	6 Muskox	-	40 Caribou	-	Observations ranged from 1 to 3 km away from HOL stations
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	160 Caribou	-	-	-	29 Caribou	
	W – 5 minutes	117 Caribou	9 Muskox	14 Caribou	68 Caribou	-	

Table 7.2: Continued.

Date (2019)	Observations (4 directions-360^0)	HOL 1	HOL 2	HOL 3	HOL 4	HOL 5	Comments
Spring Season (01 April to 25 May)							
08 May	N – 5 minutes	40 Caribou	-				Caribou observed from 800 to 1000 m from HOL stations
	E – 5 minutes	-	40 Caribou				
	S – 5 minutes	-	20 Caribou				
	W – 5 minutes	-	-				
09 May	N – 5 minutes	-	-	-	-	-	No observations
10 May	All directions	-	-				No observations
15 May	N – 5 minutes	1 Arctic Hare	-	-	-	-	Muskox resting 1 km from HOL; Caribou walking slowly 2.5 km from HOL
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	2 Muskox	-	-	-	-	
	W – 5 minutes	65 Caribou	-	-	-	-	
16 May	All directions	-	-	-	-	-	No observations
16 May	N – 5 minutes	-	-	-	-	-	Caribou grazing 500 m from HOL station
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	-	1 Arctic Hare	-	-	-	
	W – 5 minutes	-	12 Caribou	-	-	-	
19 May	All directions	-	-	-			No observations
22 May	N – 5 minutes	-	-	-	-	-	Caribou grazing 2 km from HOL station
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	20 Caribou	-	-	-	-	
Summer Season (26 May to 21 September)							
28 May	All directions	-	-	-	-	-	No observations
30 May	N – 5 minutes	-	-	-	-	-	No other observations
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	-	-	1 Ptarmigan	-	-	

Table 7.2: Continued.

Date (2019)	Observations (4 directions-360^0)	HOL 1	HOL 2	HOL 3	HOL 4	HOL 5	Comments
Summer Season (26 May to 21 September)							
05 Jun	N – 5 minutes	-	-	3 Caribou	15 Geese	-	Caribou walking from 1 to 2 km from HOL stations
	E – 5 minutes	-	-	-	6 Caribou	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	-	-	-	1 Arctic Hare	-	
20 Jun	N – 5 minutes	-	-	-	-	1 Arctic Hare	No Caribou observations
	E – 5 minutes	-	-	-	-	1 Ptarmigan	
	S – 5 minutes	-	-	6 Canada Goose	-	-	
	W – 5 minutes	-	-	2 Ptarmigan	-	-	
17 Jul	N – 5 minutes	-	-	-	1 Muskox	-	Muskox from 500 to 1000 m from HOL stations
	E – 5 minutes	1 Muskox	-	-	-	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	-	-	-	-	-	
24 Jul	N – 5 minutes	-	-	-	-	-	Muskox foraging 1000 m from HOL station
	E – 5 minutes	1 Arctic Hare	-	1 Gull	-	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	14 Muskox	-	-	-	1 Gull	
29 Jul	All directions	-	-	-	-	-	No observations
14 Aug	All directions	-	-	-	-	-	No observations
21 Aug	N – 5 minutes	-	-	-	-	-	Caribou 400 m to 1.5 km from HOL stations
	E – 5 minutes	-	-	-	-	1 Caribou	
	S – 5 minutes	-	-	1 Caribou	-	-	
	W – 5 minutes	-	-	-	-	4 Caribou	
26 Aug	N – 5 minutes	-	-	57 Caribou	-	-	Caribou resting and foraging 700 to 800 m from HOL stations
	E – 5 minutes	-	-	-	-	-	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	-	-	48 Caribou	-	-	

Table 7.2: Continued.

Date (2019)	Observations (4 directions-360^0)	HOL 1	HOL 2	HOL 3	HOL 4	HOL 5	Comments
Summer Season (26 May to 21 September)							
27 Aug	N – 5 minutes					-	Caribou resting and foraging 900 m to 2 km from HOL stations
	E – 5 minutes					-	
	S – 5 minutes					6 Caribou	
	W – 5 minutes					1 Caribou	
29 Aug	N – 5 minutes	-	-	-	-	-	Caribou walking slowly and foraging 1 to 2 km from HOL stations
	E – 5 minutes	-	-	-	1 Owl	13 Caribou	
	S – 5 minutes	-	-	-	-	-	
	W – 5 minutes	-	-	2 Caribou	-	14 Caribou	
04 Sep	N – 5 minutes	40 Snow Geese	-	80 Snow Geese	-	-	Snow Geese foraging ~1 km from HOL stations; Caribou grazing 1 to 2 km away
	E – 5 minutes	40 Snow Geese	20 Snow Geese	2 Caribou	60 Snow Geese	10 Snow Geese	
	S – 5 minutes	-	-	20 Snow Geese	-	-	
	W – 5 minutes	-	-	-	1 Owl	-	
11 Sep	N – 5 minutes		-	-	30 Geese	-	Geese foraging and flying; Caribou foraging, walking slowly and resting 1 to 2 km from HOL stations
	E – 5 minutes		33 Geese	33 Geese	-	3 Caribou 6 Snow Geese	
	S – 5 minutes		-	-	-	16 Caribou	
	W – 5 minutes		-	10 Geese	20 Geese	-	
12 Sep	All directions	-					No observations
19 Sep	N – 5 minutes	10 Snow Bunting	-	6 Geese	20 Snow Geese		Geese flying over or foraging close to the HOL stations
	E – 5 minutes	-	-	-	-		
	S – 5 minutes	20 Geese	-	15 Ptarmigan	50 Snow Geese		
	W – 5 minutes	-	-	-	-		
Fall Season (22 September to 15 December)							
25 Sep	N – 5 minutes		-			-	Hares resting 100 m from HOL station
	E – 5 minutes		3 Arctic Hare			-	
	S – 5 minutes		-			-	
	W – 5 minutes		-			-	

Table 7.2: Continued.

Date (2019)	Observations (4 directions-360^0)	HOL 1	HOL 2	HOL 3	HOL 4	HOL 5	Comments
Fall Season (22 September to 15 December)							
11 Oct	N – 5 minutes				-	-	Caribou foraging, walking slowly, and running (wolf) 950 m to 2.5 km from HOL stations
	E – 5 minutes				31 Caribou	-	
	S – 5 minutes				-	200+ Caribou	
	W – 5 minutes				-	48 Caribou 1 Wolf	
14 Oct	N – 5 minutes			-	-	-	Caribou foraging and resting 1 km from HOL station
	E – 5 minutes			-	250+ Caribou	-	
	S – 5 minutes			-	-	-	
	W – 5 minutes			-	-	-	
18 Oct	N – 5 minutes	-	15 Ptarmigan	-			Ptarmigan 300 m from HOL station
	E – 5 minutes	-	-	-			
	S – 5 minutes	-	-	-			
	W – 5 minutes	-	-	-			
23 Oct	All directions	-	-	-	-	-	No observations
24 Oct	All directions		-	-	-		No observations; poor visibility because of fog
30 Oct	N – 5 minutes					1 Wolverine	Wolverine right beside HOL station
	E – 5 minutes					-	
	S – 5 minutes					-	
	W – 5 minutes					-	
30 Oct	All directions			-	-		No observations
13 Nov	All directions	-	-		-	-	No observations
16 Nov	All directions		-	-			No observations
17 Nov	All directions		-	-		-	No observations
24 Nov	All directions	-		-			No observations

Table 7.2: Continued.

Date (2019)	Observations (4 directions-360^0)	HOL 1	HOL 2	HOL 3	HOL 4	HOL 5	Comments
Fall Season (22 September to 15 December)							
27 Nov	All directions				-	-	No observations
28 Nov	All directions						No observations; poor visibility
12 Dec	All directions			-	-	-	No observations
15 Dec	All directions				-	-	No observations

SECTION 8 • REMOTE CAMERAS

8.1 OVERVIEW

The use of remote cameras was first introduced in October 2018 as another technique to monitor Caribou interactions (e.g., behavior) with project roads equipment or other industrial features (e.g., roadside marker flags). The approach is one of several monitoring techniques to ensure that the best Caribou management practices and mitigation are implemented for the project.

8.2 OBJECTIVES

The primary objective of using remote cameras is to monitor Caribou behavioral interactions with project roads and equipment, and adapt management practices and mitigation as required.

8.3 DURATION

The use of remote cameras will continue indefinitely but camera results will be analyzed and discussed at TAG meetings to ensure that the monitoring objectives are being achieved.

8.4 METHODOLOGY

Remote cameras can be used and set to be triggered based on motion/heat and/or on a time series to view video footage of Caribou interaction with project infrastructure such as roads and equipment. In November 2019, a detailed remote camera protocol was developed by Golder (2019) (see **Appendix I**).

8.5 2019 RESULTS

Results from the 2018 remote camera program have been summarized in a Technical Memorandum by Golder (2020b) and is included in **Appendix J** (see also Photo below). Results from the 2019 remote camera program are not yet available.

8.6 MANAGEMENT RECOMMENDATIONS

Subject to results of the analysis under the remote camera program, the program may be revised or no longer required after collecting data for consecutive seasons over three years to establish trends. Communications with the TAG on this program will be ongoing.

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SECTION 9 • CARIBOU MANAGEMENT DECISION TREE

9.1 OVERVIEW

Introduced in 2018, the 2019 TEMP describes the use of decision trees or charts that outline monitoring and mitigation (adaptive monitoring) measures for Ungulates for each of five phases: 1) Caribou and mining operations; 2) Caribou and haul roads; 3) Caribou and the AWAR; 4) Caribou and blasting; and 5) Muskox and operations (see Agnico Eagle 2019).

9.2 OBJECTIVES

The monitoring objectives are to:

1) Detect if effect thresholds have been exceeded;
2) Test the efficacy of mitigation; and
3) Understand project-related effects to Ungulates. For Ungulates, the decision charts are also an objective to manage sensory disturbance to Caribou approaching the project, leading to monitoring to detect Caribou approaching the project and mitigation to reduce sources of sensory disturbance.

Monitoring activities for Ungulates will be carried out prior to, during, and following construction. The use of decision trees for managing disturbance to Ungulates is an ongoing and continuous monitoring strategy for the life of the project. Monitoring intensity is increased as Ungulates approach the project.

9.3 DURATION

Monitoring activities for Ungulates will be carried out prior to, during, and following construction. The use of decision trees for managing disturbance to Ungulates is an ongoing and continuous monitoring strategy for the life of the project. Monitoring intensity is increased as Ungulates approach the project.

9.4 METHODOLOGY

The approach involves monitoring the number of Ungulates in close proximity to mining operations through various monitoring tools including Caribou collaring data, HOL surveys, AWAR and haul road surveys, and pit and mine site grounds surveys. Depending on the number of Ungulates observed (i.e., Caribou Group Size Threshold – GST), proximity to the road, and time of year, different monitoring levels are triggered (i.e., Level 1, Level 2, Level 3). For example, triggers may result in pit and mine site ground surveys and/or haul road surveys increased up to every two days, and Caribou satellite data reviewed on a daily basis.

For the purposes of monitoring, a “group of Caribou” is defined as: “An aggregation of caribou that are sufficiently close together that they can see and react to another animal’s behaviour, and have the potential of responding should one or more animal in the aggregation become startled.” For further details on the reasoning behind Caribou GSTs and the decision chart approach, refer to the 2019 TEMP

(Agnico Eagle 2019). The GST approach and monitoring/management outcomes will be reviewed by the TAG on a regular basis to determine whether an acceptable balance has been achieved between mining operations and conserving Caribou populations. As GSTs are the main trigger for mitigation and management, understanding their efficacy for overall herd protection is of high importance.

9.5 2019 RESULTS

Use of the decision tree and trigger approach was used on multiple occasions in 2019. In many cases where groups of Caribou were observed close to the road, closures or restrictions were implemented (see **Tables 3.4** to **3.6**). Project-tolerant animals are defined in the TEMP as an animal or group of animals observed within a mitigation distance buffer for greater than 72 hours during the winter or 48 hours during other seasons; and not visibly disturbed by the Project. To understand visible disturbance to the animals, behavioural monitoring (i.e., group scans) will be completed when the animal(s) are encountered and at least once per day until they are deemed project-tolerant.

9.6 ACCURACY OF IMPACT PREDICTIONS

An objective of the decision chart approach is to reduce sensory disturbance to Caribou approaching the project. The objective is not linked to an impact prediction as the monitoring is to trigger mitigation rather than to test a threshold.

9.7 MANAGEMENT RECOMMENDATIONS

Decisions and outcomes resulting from the use of the decision tree approach in 2019 should be analyzed to determine whether adjustments to the approach need to be made and discussed in TAG meetings. A dedicated log of decisions and outcomes should be kept in 2020 to facilitate future analyses of the effectiveness of this monitoring approach.

SECTION 10 • HUNTER HARVEST STUDY

10.1 OVERVIEW

As outlined in the TEMP (Cumberland 2006) and as a requirement of NIRB Project Certificate No. 004 Terms and Conditions 51 and 54, the Baker Lake Hunter Harvest Study (HHS) was initiated in March 2007 by Agnico Eagle in association with the Baker Lake HTO to monitor and document the spatial distribution, seasonal patterns, and harvest rates of hunter kills and angler catches within the Meadowbank RSA.

After low participation during the first year of the study, methods were strategically adapted, participation increased steadily, and valuable information on harvest patterns in the Baker Lake area was collected. The HHS, through regular visits, contributed to developing a strong relationship with local harvesters, the HTO, and GN DoE. Data were provided annually in monitoring reports from 2007 to 2015. The HHS was suspended for three years (2016 and 2018) to develop new approaches and direction.

Following consultation with the HTO, KivIA, GN, and other agencies in November 2016 (Winnipeg) and June 2017 (Ottawa), Agnico Eagle reinitiated the HHS in March 2019. The study approach was similar to previous years but suggestions and guidance received during the consultation period were incorporated into the study.

10.2 OBJECTIVES

The primary objectives of the HHS are to monitor potential project-related effects on harvesting of wildlife by residents of Baker Lake. This objective is achieved by estimating the following key metrics:

1. The distribution of Caribou, Muskox, and Wolverine harvest by residents of Baker Lake; and
2. The total level (or an index of) Caribou, Muskox, and Wolverine harvest by residents of Baker Lake.

Other objectives of the HHS established in consultation with TAG or other participants include:

1) Supporting creel surveys by gathering information on Arctic Char (*Salvelinus alpinus*), Lake Trout (*Salvelinus namaycush*), Lake Whitefish (*Coregonus clupeaformis*), and Arctic Grayling (*Thymallus arcticus*) catch rates and Inuit-use patterns in the Baker Lake area;

2) Understanding regional distribution of hunting and fishing activity;

3) Investigating seasonal timing of hunting and fishing activity; and

4) Determining whether increased harvest and catch rates are associated with the AWAR.

As discussed during consultation with stakeholders, HHS will further seek to: a) increase and maintain the hunter participant rate in the future of the program; b) improve resource protection; c) improve hunter awareness and education; d) increase the integration of Inuit Qaujimajatuqangit and Traditional Knowledge; f) increase availability of data to support a collective approach to understanding wildlife harvest; and g) assist Agnico Eagle in mitigative actions and the GN in management decisions.

10.3 METHODOLOGY

The wildlife species that are the focus of the Hunter Harvest Study are Caribou, Muskox and Wolverine; however, harvest data on other species, such as Wolf, Arctic Fox, geese and other birds is also collected. The few species in the study were deliberately chosen to make data entry and collection as simple as possible. To support creel surveys, data on fish harvest (Arctic Char, Lake Trout, Lake Whitefish, and Arctic Grayling) are also collected.

Inuit and non-Inuit residents, at least 16 years of age, are eligible to participate in the harvest survey. Harvest calendars are provided on a household basis rather than an individual basis in order to simplify data entry and collection. The harvest calendar is attractive and consists of local photographs of wildlife and Baker Lake residents (see **Appendix H** for 2019 calendar). Space is provided for each calendar day where harvest details can be documented. A map is provided at the end of the calendar that delineates a 4 km^2 UTM grid within the Baker Lake and Meadowbank areas. Each grid has a unique code to facilitate recording of information. When calendars are issued, participants or participating households are encouraged to write harvest details (e.g., number of animals, sex, age and location [i.e., grid code]) for the appropriate date on the calendar.

Participants were interviewed in person four times during the year (i.e., March, June, and October 2019, and January 2020) by the harvest study coordinator. During the January 2020 interviews, remaining data from 2019 were collected. The purpose of the interviews is to ensure all harvest data are recorded on the calendars and collect incidental information to compliment calendar data, including notable Caribou movements, aggregations, and unique observations. Between interview periods, participants were often contacted by phone or social media to encourage recording of harvest data.

Improvements to the 2019 Hunter Harvest Study included: 1) increasing the amount of time researchers spent in the community interacting with participants; 2) building long-term relationships between participants and researchers; 3) increasing engagement with participants on social media platforms such as Facebook and Instagram; and 4) increasing incentives for participating in the study (e.g., prizes).

10.4 HISTORICAL RESULTS

The Baker Lake HTO member list (provided by Ms. Joan Scottie [HTO Board Member] in 2008) consisted of 683 local area hunters/trappers/fishermen (collectively termed ‘hunter’ for the remainder of this memo), a number that has likely changed since then. The 2008 member count was a highly conservative (i.e., high) estimate of the number of individuals that hunt, trap or fish in the community as the list typically includes entire families. If just the heads of each household are counted, there were 389 potential hunters within the Baker Lake community in 2008. Although this value is still likely conservative (given that many of these individuals do not actively hunt or fish), the number is more

comparable to the comprehensive 5-year Nunavut Wildlife Harvest Study (NWMB 2005) in which 336 Baker Lake hunters were contacted / interviewed.

Between 1996 and 2001, 18% of Caribou harvests were estimated to be within 5 km of the AWAR (prior to construction) and 67% of harvests occurred within the RSA (NWMB 2005). In the first year of the HHS study (2007), prior to completion of the AWAR, 34% of harvests were reported within 5 km of the AWAR alignment and 79% were recoded within the RSA. The HHS data (2007 to 2015) fluctuate between 34 and 43% of reported harvest within 5 km of the AWAR, and between 73 and 85% within the RSA.

In 2008, 296 Caribou were reported as being harvested by Baker Lake HHS study participants. Harvest numbers steadily increased to 685 in 2011, and then decreased to 269 in 2014, the lowest reported harvest in seven years. Assuming that an average of approximately 10% of all Baker Lake hunters actively participated in the study (5% estimated for 2014), extrapolation of historical HHS values suggests approximately 3,000 to 6,000 Caribou are harvested each year in the Hamlet of Baker Lake. These estimates are in general agreement with historical harvest studies. Specifically, using the upper limit of the standard error in the Nunavut Wildlife Harvest Study, between 2,230 and 3,116 Caribou were harvested each year between 1996 and 2001 (NWMB 2005). Similarly, the Interdisciplinary Systems (IDS) report (IDS 1978) estimated an annual Caribou harvest in Baker Lake of 4,100 during the 1970s.

Based on the NWMB (2005) and HHS results (2007 to 2015), highest Caribou harvests have occurred in September and October, with a second smaller peak in March and April. The similar pattern between the studies indicates that seasonal hunting preferences have not changed markedly in the last decade.

Reported counts for Muskox and Wolverine remained low, precluding any interpretation of potential mine-related effects. Low densities of these species and their general aversion to humans require hunters to hunt well away from the AWAR; therefore, the presence of the AWAR is thought to have little effect on participant hunting patterns for Muskox and Wolverine. Wolverine harvest reports decreased from a maximum of 15 animals in 2010 to one (1) animal in 2015.

10.5 2019 RESULTS – WILDLIFE HARVESTS

10.5.1 Number of Hunters

The hunter harvest study included 66 participants by the end of 2019. Of these, Caribou hunting data had been collected from 42 participants, which is considerably higher than the 28 participants that reported Caribou harvests in 2015, and higher than the average of 35 successful hunters between 2007 and 2015.

Based on the previous discussion of total numbers of hunters in the Hamlet of Baker Lake (**Section 10.4 Historical Results**), there were 389 potential hunters within the Baker Lake community in 2008. The number is comparable to the comprehensive 5-year Nunavut Wildlife Harvest Study (NWMB 2005) in which 336 Baker Lake hunters were contacted and interviewed. Recent discussions with Baker Lake HTO members suggest the total number of hunters is over 300. Given the historical and current number of hunters in Baker Lake, an estimate of 300 to 350 active hunters is used in this analysis. Based on

these numbers, the 42 hunters reporting Caribou harvest in 2019 conservatively represent from 12 to 14 % of total hunters in the community.

10.5.2 Distribution of Hunting

Figure 10.1 shows the distribution of Caribou harvest within the Hunter Harvest Study data collection area. Hunting is concentrated in the Baker Lake area, along the road to approximately KM 85, along the Thelon River system in the vicinity of Schultz and Aberdeen lakes, and on the southwest shore of Baker Lake. Annual variation in harvest location and intensity is attributable to numerous factors. For instance, many hunters have stated during informal discussions that they have a 'favorite' hunting area that they frequent each year. Some hunters have stated that they prefer hunting in 'convenient' locations, whereas other hunters prefer remote locations well away from frequented areas. A percentage of hunters also enjoyed partaking in long distance hunting trips over multiple days.

Between 1996 and 2001, 18% of Caribou harvests were estimated to be within 5 km of the AWAR (prior to construction) and 67% of harvests occurred within the RSA (NWMB 2005). In the first year of the HHS study (2007), prior to completion of the AWAR, 34% of harvests were reported within 5 km of the AWAR alignment and 79% were recorded within the RSA (see **Table 10.1**). The HHS data (2007 to 2015) fluctuated between 34 and 54% of reported harvest within 5 km of the AWAR, and between 73 and 85% within the RSA. The 2019 HHS data indicated that 34% of reported harvest occurred within 5 km of the AWAR, and 64% occurred within the RSA, representing the lowest proportion of Caribou harvested within 5 km of the AWAR since the road was built (see **Table 10.1**). One of the reasons for this may have been because of the large number of Caribou harvested in the vicinity of Baker Lake in fall 2019. As was the case in other years, threshold levels of 20% set for monitoring the effects of the Meadowbank mine development on the distribution of Caribou harvest were not exceeded (see **Figure 10.2**).

10.5.3 Magnitude of Hunting

In 2019, a total of 647 Caribou were reported as being harvested by 42 participants (see **Table 10.2**). Given that the 42 hunters represent an estimated 12 to 14% of the Baker Lake hunting community, assuming that the average number of Caribou shot per hunter is similar, the total estimated number of Caribou harvested in 2019 ranges from 4,621 to 5,392 animals. This estimate is considered to be conservative (i.e., high) since the Baker Lake Hunter Harvest Study targeted known hunters in the community with some known to be particularly successful.

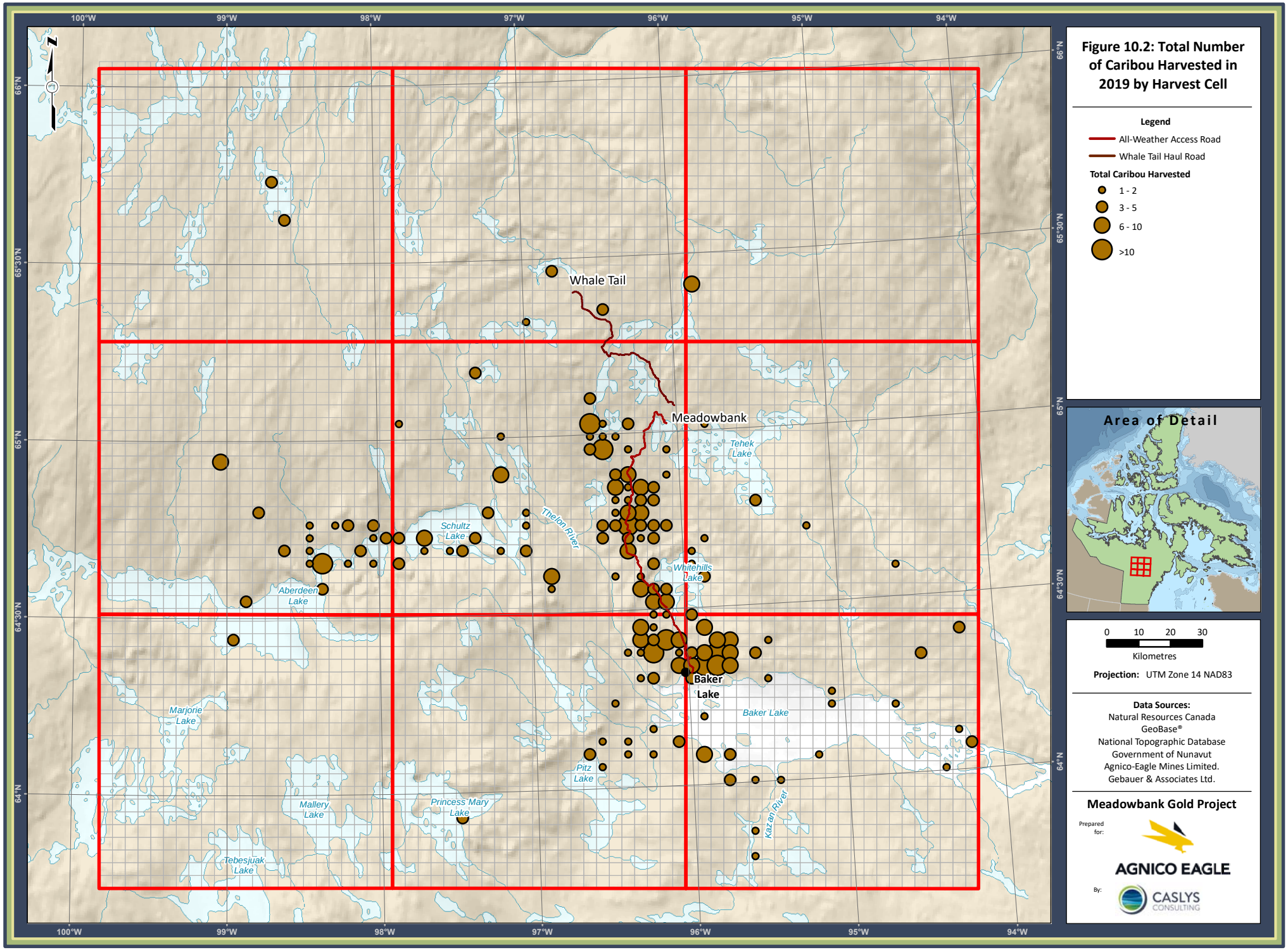


Figure 10.2: Total Number of Caribou Harvested in 2019 by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Harvested
1 - 2
3 - 5
6 - 10
>10
Area of Detail
Whale Tail
Meadowbank
Tehek Lake
Schultz Lake
Thelon River
Whitehills Lake
Aberdeen Lake
Baker Lake
Baker Lake
Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Kazan River
Tebesjuak Lake
100°W
99°W
98°W
97°W
96°W
95°W
94°W
66°N
65°30'N
65°N
64°30'N
64°N
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
Gebauer & Associates Ltd.
Meadowbank Gold Project
Prepared for:
AGNICO EAGLE
By:
CASLYS CONSULTING

Table 10.1: Caribou Harvest Distribution along the AWAR and within the Meadowbank LSA and RSA (1996 to 2001 [NWMB], and 2007 to 2015 and 2019 [Baker Lake HHS]).

Study	Participation Rate within 5 km of AWAR (% of total hunters)	Average Caribou Harvest within 5 km of AWAR per participant	% of annual harvest within 5 km of AWAR	% of harvest within Meadowbank LSA	% of harvest within Meadowbank RSA
NWMB 1996 to 2001	n/a	n/a	18	7	67
Baker Lake HHS 2007	17 (49%)	4.8	34	12	79
Baker Lake HHS 2008	16 (94%)	6.9	37	28	73
Baker Lake HHS 2009	27 (75%)	7.9	36	20	78
Baker Lake HHS 2010	33 (89%)	7.3	38	22	73
Baker Lake HHS 2011	40 (85%)	7.1	42	25	74
Baker Lake HHS 2012	31 (67%)	5.6	35	20	80
Baker Lake HHS 2013	38 (86%)	4.8	43	27	85
Baker Lake HHS 2014	19 (70%)	5.7	40	28	83
Baker Lake HHS 2015	24 (67%)	6.9	54	34	84
Baker Lake HHS 2019	40 (95%)	5.4	34	22	64
Average (2007 to 2019)	29 (78%)	6.2	39	24	77

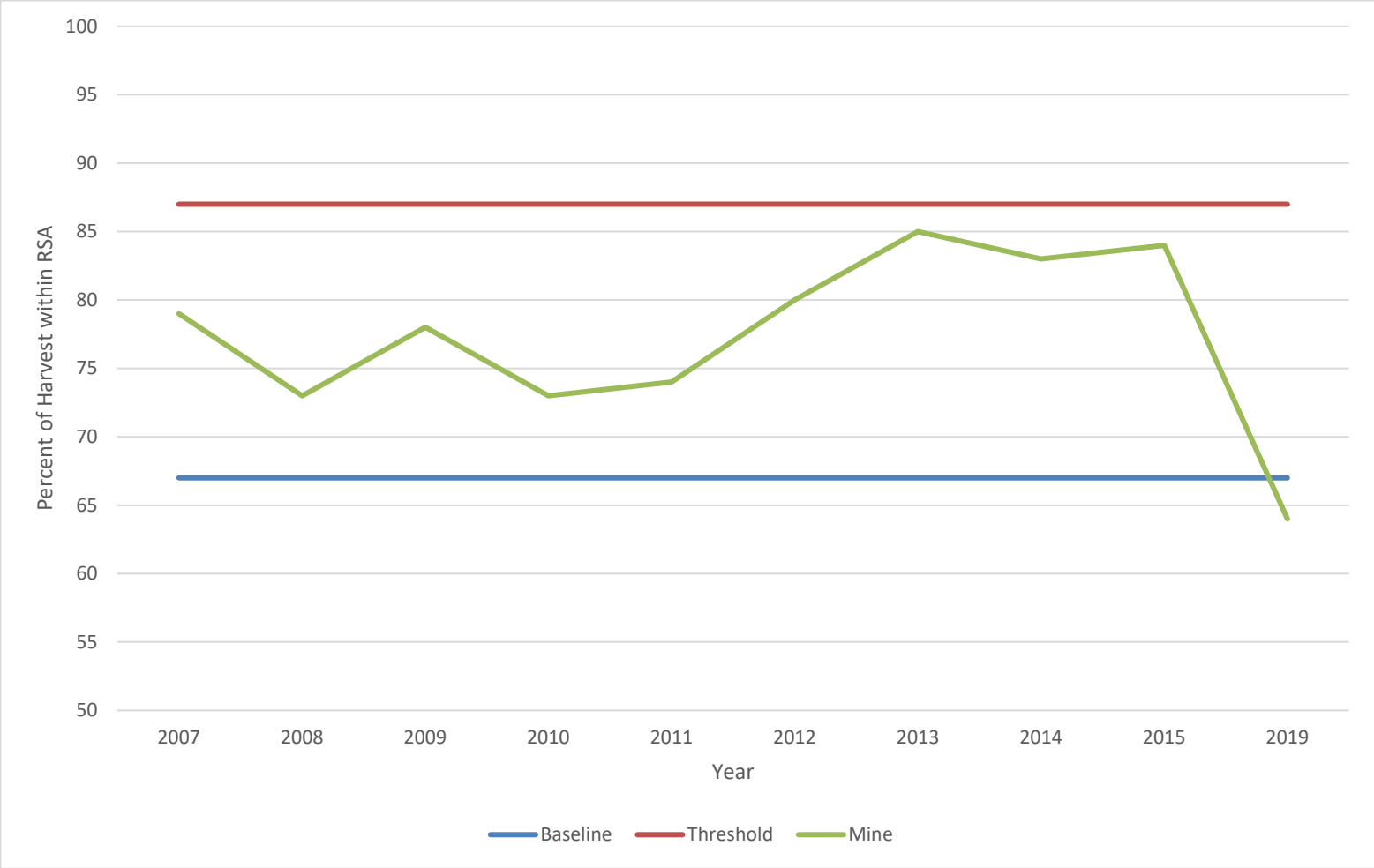


Figure 10.2: Percent of Caribou Harvest within the RSA from 2007 to 2015, and 2019 Compared to Baseline and Threshold Levels.

Table 10.2: Hunter Caribou Harvest Statistics from the NWMB (2005) Study and Baker Lake HHS (2007 to 2015; 2019).

Baker Lake Wildlife Harvest Study – Agnico Eagle Mines Ltd.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
2007		7	89	22	44	6	6	6	37	14	5	2	238
2008	13	15	14	10	19	14	25	34	56	47	24	25	296
2009	42	52	41	28	28	18	30	88	114	102	11	33	587
2010	27	35	34	66	47	41	46	67	82	117	48	18	628
2011	14	47	64	53	78	39	42	35	123	108	2	75	680
2012	43	30	60	71	41	44	13	19	39	37	72	27	496
2013	5	47	55	28	18	18	20	46	76	40	35	32	420
2014	13	26	20	42	7	11	4	5	43	68	14	16	269
2015	7	9	17	13	6	46	12	8	66	74	35	12	305
2019	7	25	72	86	30	39	17	29	52	187	55	48	648
Total #	171	293	466	419	318	276	215	337	688	794	301	288	4,566
Average	19.0	29.3	46.6	41.9	31.8	27.6	21.5	33.7	68.8	79.4	30.1	28.8	456.6
% of Total	3.7	6.4	10.2	9.2	7.0	6.0	4.7	7.4	15.1	174	6.6	6.3	100.0%

Table 10.2: Continued.

Nunavut Wildlife Harvest Study - Nunavut Wildlife Management Board (NWMB)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Yearly Total
1996						141	190	490	428	435	202	178	2,064
1997	118	144	146	167	217	159	162	354	322	553	295	196	2,833
1998	137	124	192	193	159	85	163	153	272	407	254	135	2,274
1999	137	131	99	211	222	111	148	433	528	409	74	66	2,569
2000	96	86	75	135	213	76	187	333	309	98	186	163	1,957
2001	150	126	146	156	127								705
Total #	638	611	658	862	938	572	850	1,763	1,859	1,902	1,011	738	12,402
Average	127.6	122.2	131.6	172.4	187.6	114.4	170	352.6	371.8	380.4	202.2	147.6	2,067
% of Total	5.1	4.9	5.3	7.0	7.6	4.6	6.9	14.2	15.0	15.3	8.2	6.0	100.0

10.5.4 Seasonal Distribution and Timing of Hunting

Based on the NWMB (2005) and HHS results (2007 to 2015; 2019), highest Caribou harvests have occurred in September and October, with a second smaller peak in March and April (see **Figure 10.3**). The similar pattern between the studies indicates that seasonal hunting preferences have not changed markedly in the last decade. More details on the seasonal timing of harvest in 2019 can be found in **Figure 10.4** (i.e., numbers of animals harvested, numbers of participants, and average number of animals harvested by participant by month) and **Figure 10.5** (i.e., Caribou harvest numbers by season and proximity to the access roads).

The seasonal distribution of hunting is illustrated in **Figures 10.6a,** which includes all 2019 results, and **Figures 10.6b** to **10.6e**, representing the spring, summer, fall and winter Caribou seasons outlined in the TEMP. In spring, the majority of Caribou hunting occurs in the vicinity of Baker Lake and along the Thelon River system (**Figure 10.6b**). Although large numbers of Caribou were moving across the northern part of the AWAR and the Whale Tail Haul Road in April (see **Section 3**), few Caribou were hunted in this area. During the summer, Caribou were harvested across a much larger area but particularly along the AWAR and in areas along Baker Lake accessible by boat (**Figure 10.6c**). In the fall, hunting was much more concentrated along the AWAR and in the Baker Lake area (**Figure 10.6d**). The large numbers harvested just north of Baker Lake in the fall reflects the large herd of Caribou that moved through the area in October 2019 (see **Section 3**). In winter, very few Caribou were hunted along the AWAR (**Figure 10.6e**), primarily because few Caribou were present (see **Section 3**). Successful hunters were those that travelled further afield by snowmobile (e.g., Schultz Lake area and southwest end of Baker Lake).

10.5.5 Other Wildlife Species

Reported harvests for Muskox remained low, precluding any interpretation of potential mine-related effects; however, most harvests were well away from the AWAR and relatively close to Baker Lake (see **Figure 10.7**). Most Wolverines were hunted close to Baker Lake and regularly visited areas such as participant's cabins and the Prince River bridge suggesting that they are hunted opportunistically (see **Figure 10.8**). Wolves were either trapped close to Baker Lake or hunted in larger numbers west of Schultz Lake and north of Aberdeen Lake in winter (**Figure 10.8**). Relatively low densities of Wolves and their general aversion to humans requires hunters to hunt well away from the AWAR. The presence of the AWAR is thought to have little effect on participant hunting patterns for Muskox, Wolverine and Wolf.

Arctic Fox was primarily trapped in the vicinity of Baker Lake while one Grizzly Bear was taken near Aberdeen Lake (**Figure 10.7**). Duck, goose and swan egg collections were reported in greater numbers in 2019 with primary collection areas being Schultz Lake and the southwest shore of Baker Lake (**Figure 10.9).**

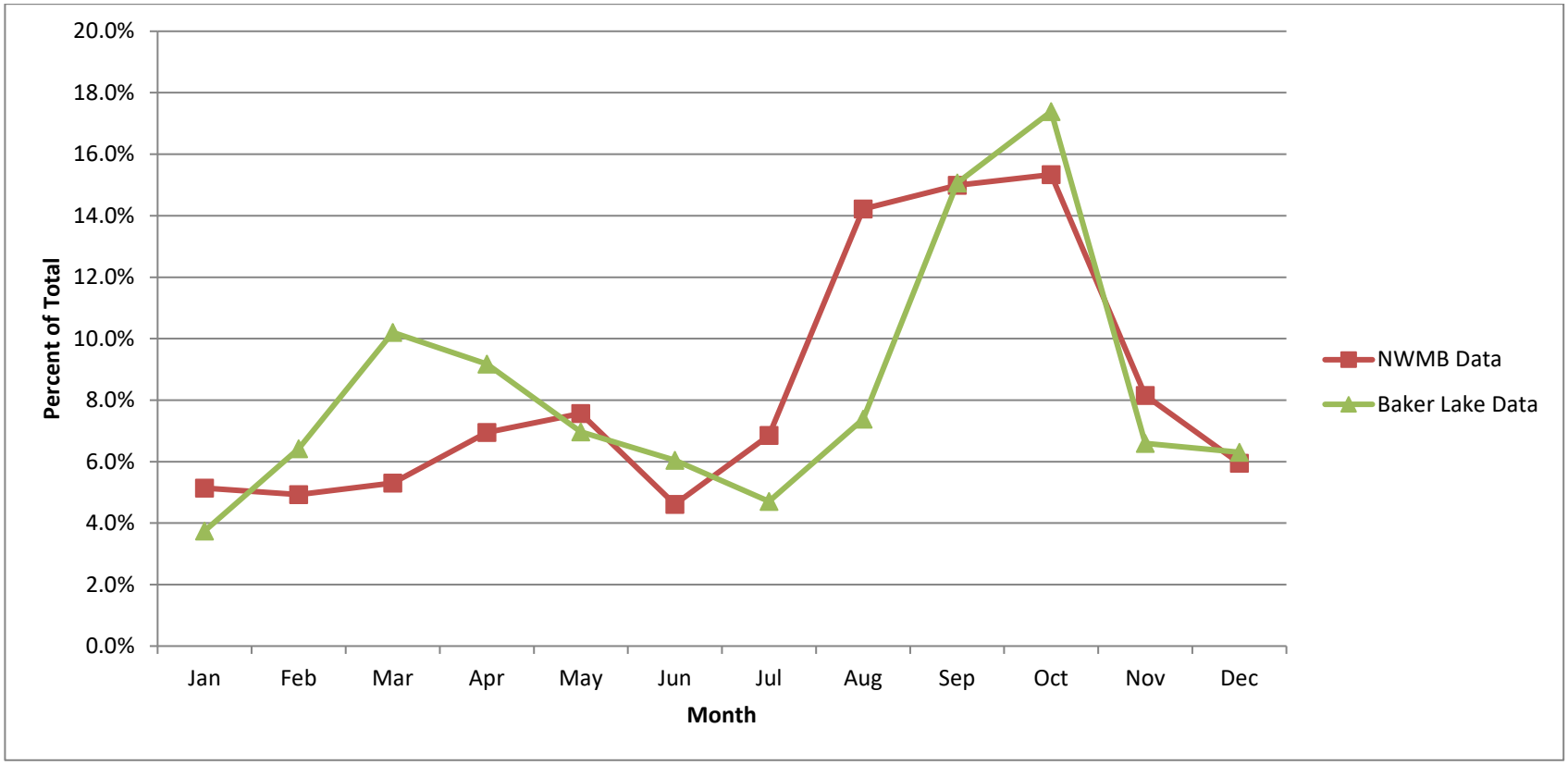


Figure 10.3: Seasonal Trends in Caribou Harvest from the Baker Lake Hunter Harvest Study (2007 to 2015; 2019) and the NWMB Study (1996 to 2001)

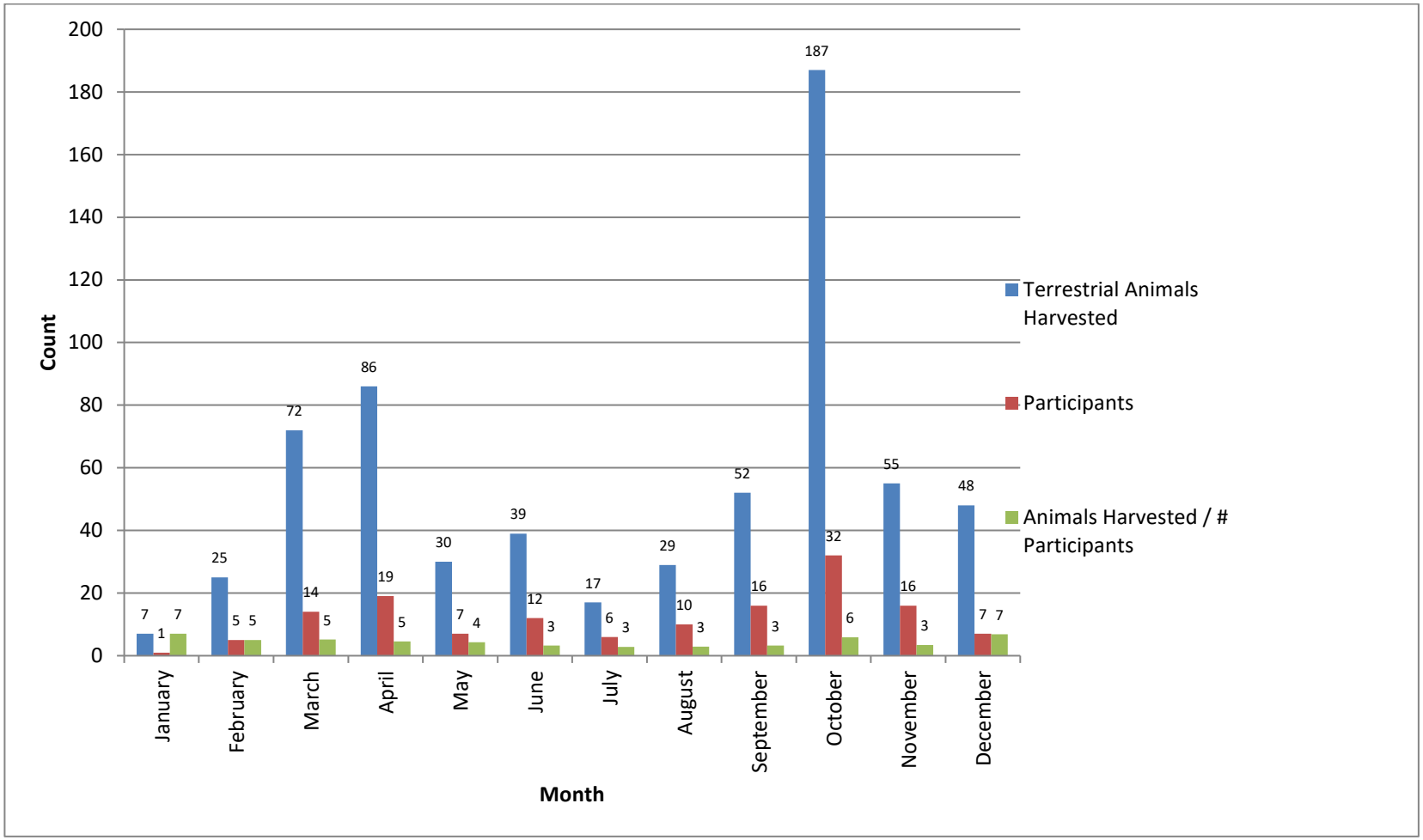


Figure 10.4: Terrestrial Animals Harvested per Month and by Participant in 2019.

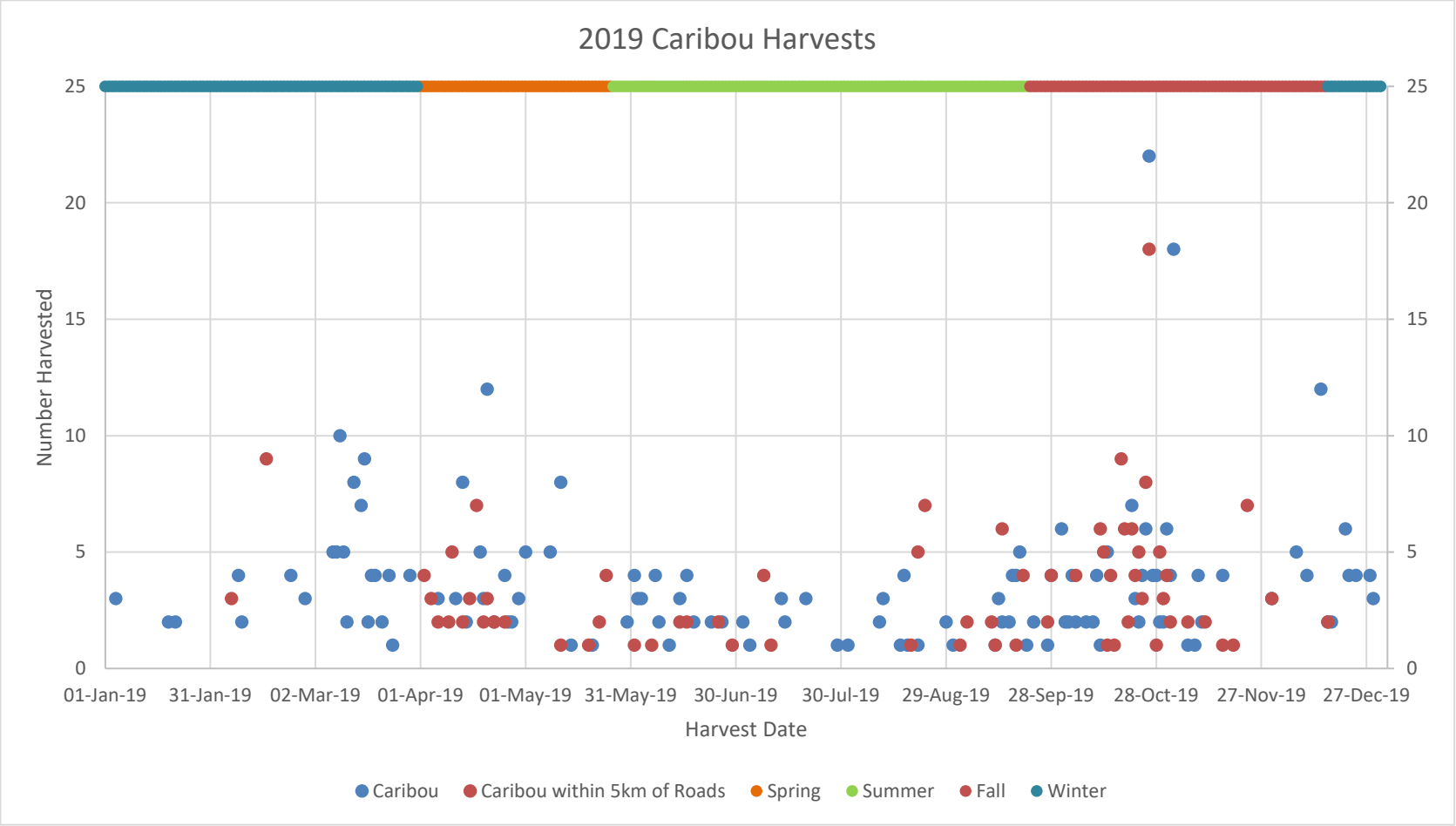
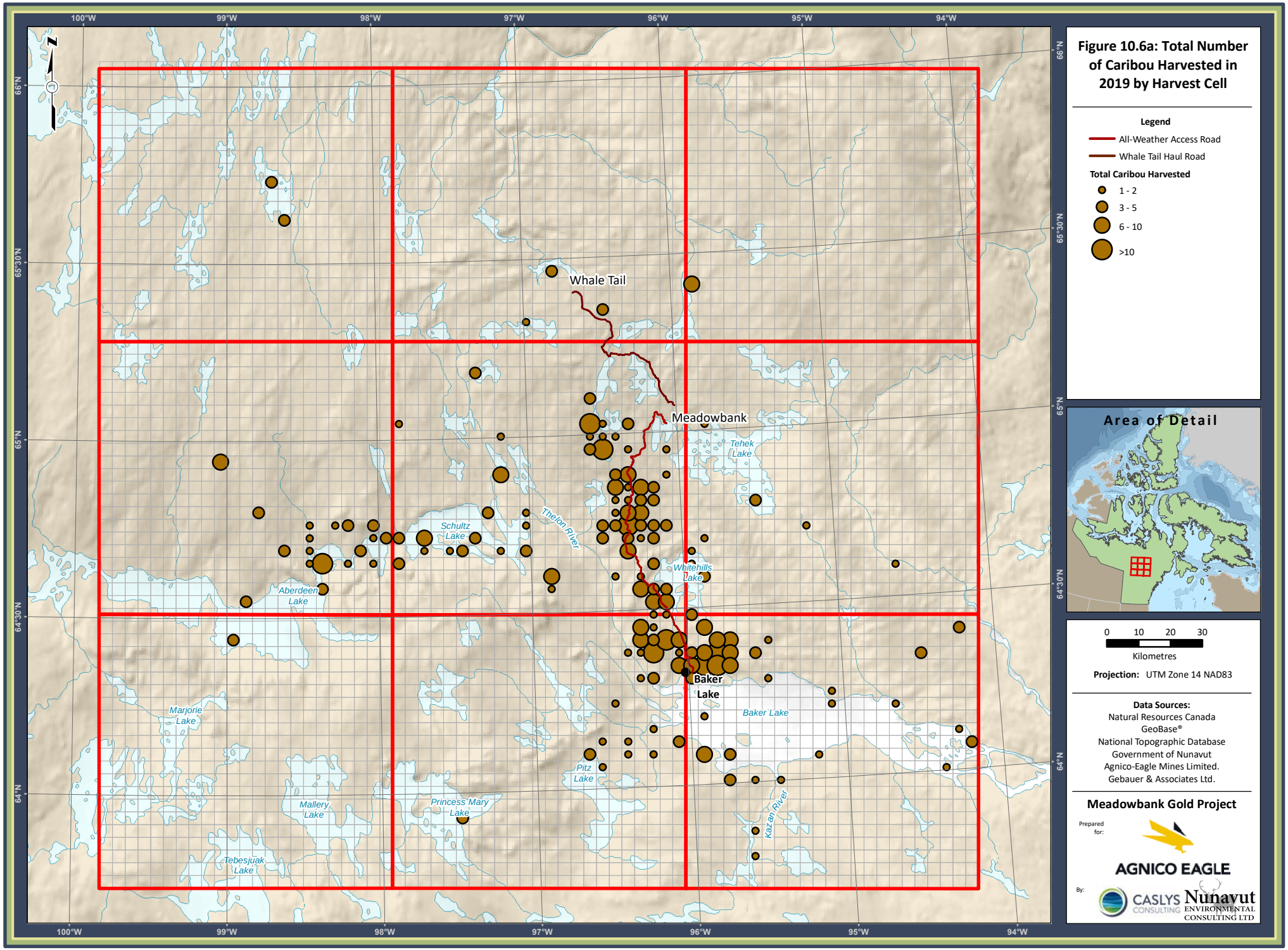


Figure 10.5: Number of Caribou harvested in each Caribou Season and Proximity to Access Roads in 2019.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Whale Tail
Meadowbank
Tehek Lake
Schultz Lake
Thelon River
Whitehills Lake
Aberdeen Lake
Baker Lake
Baker Lake
Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Kaz an River
Tebesjuak Lake
Figure 10.6a: Total Number of Caribou Harvested in 2019 by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Harvested
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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By:
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Nunavut ENVIRONMENTAL CONSULTING LTD

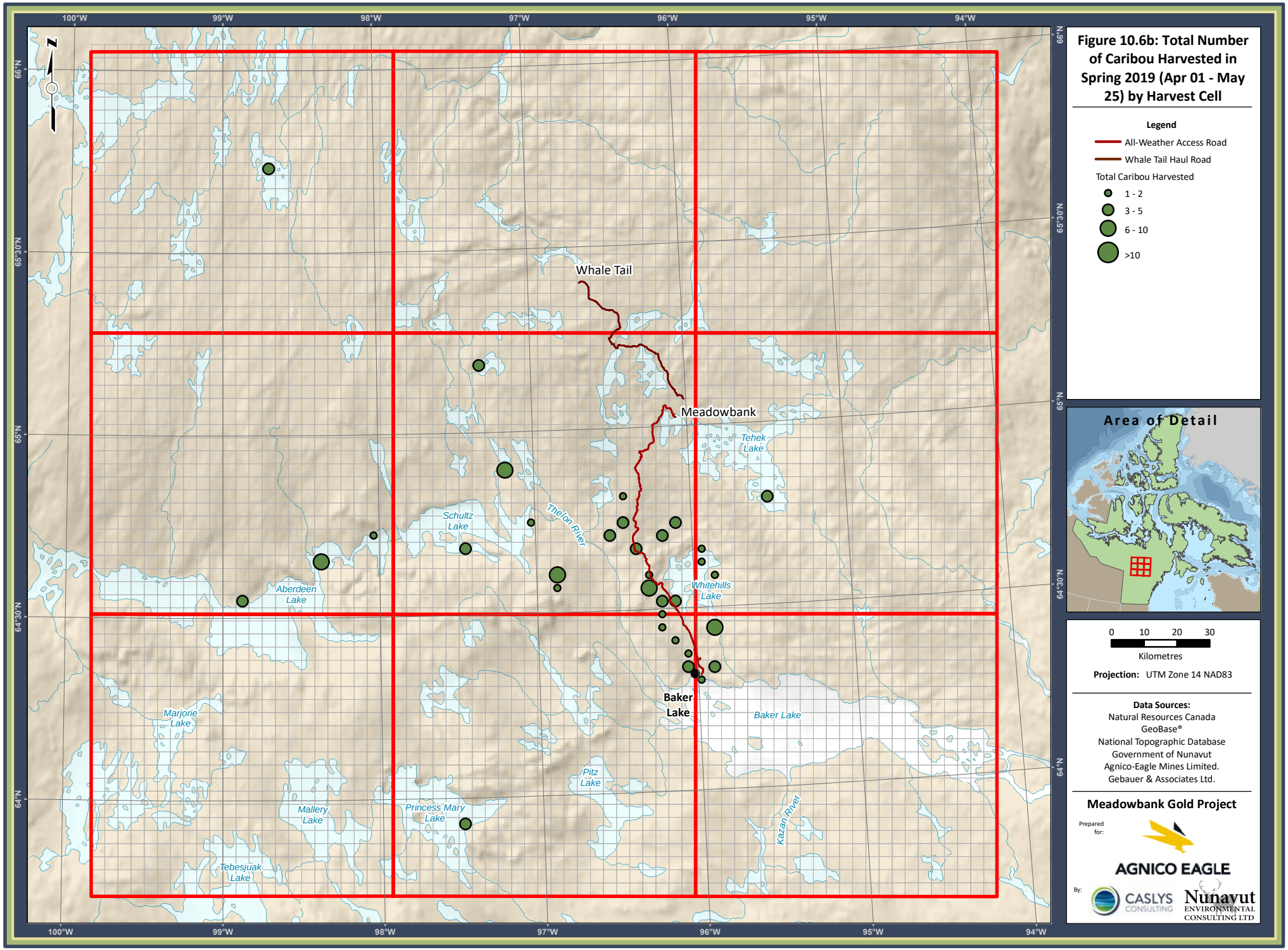
Figure 10.6b: Total Number of Caribou Harvested in Spring 2019 (Apr 01 - May 25) by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Harvested
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
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Whale Tail
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Tehek Lake
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Thelon River
Aberdeen Lake
Whitehills Lake
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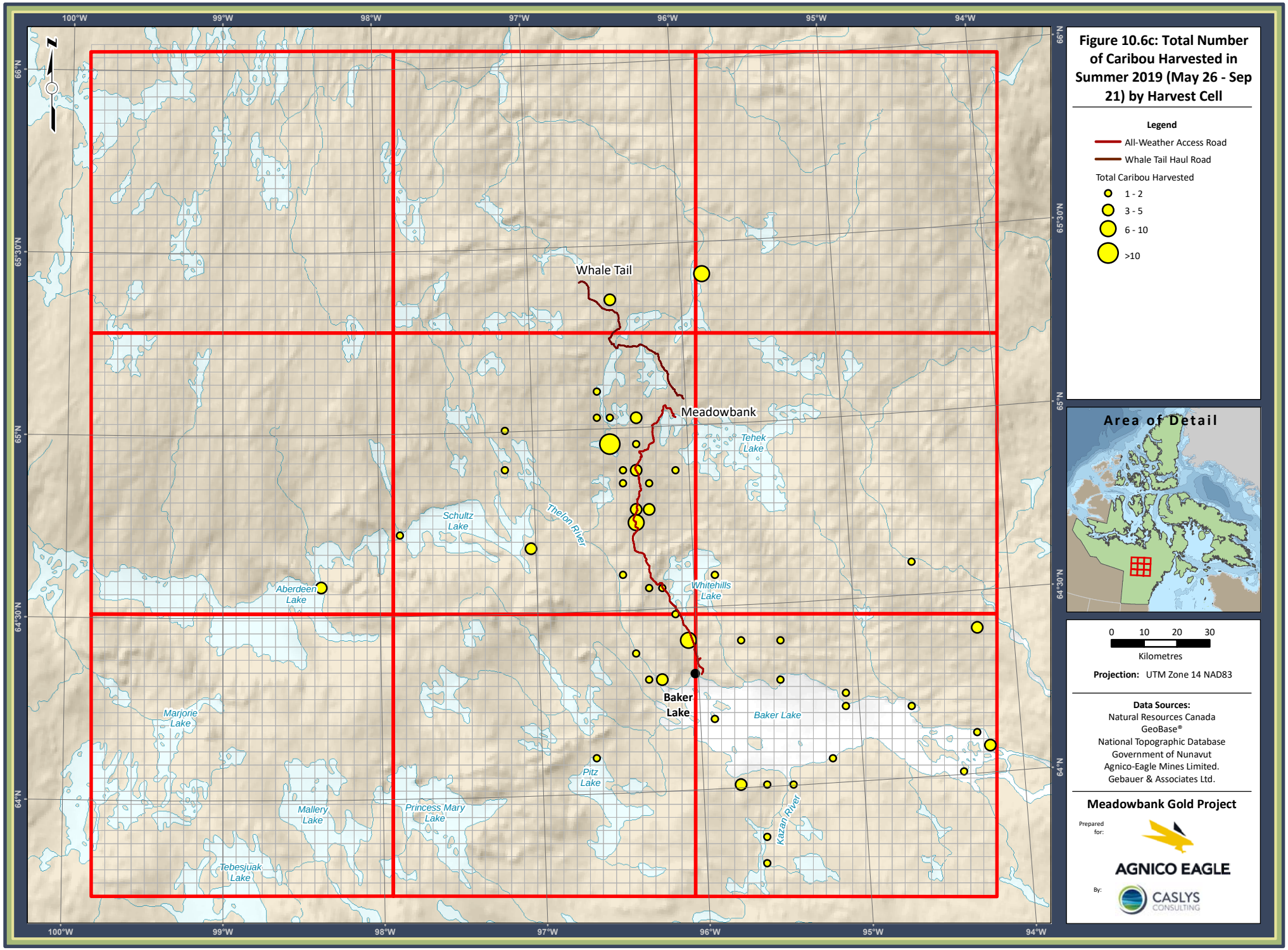
Figure 10.6c: Total Number of Caribou Harvested in Summer 2019 (May 26 - Sep 21) by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Harvested
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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CASLYS CONSULTING
Whale Tail
Meadowbank
Tehek Lake
Schultz Lake
Thelon River
Aberdeen Lake
Whitehills Lake
Baker Lake
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Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Kazan River
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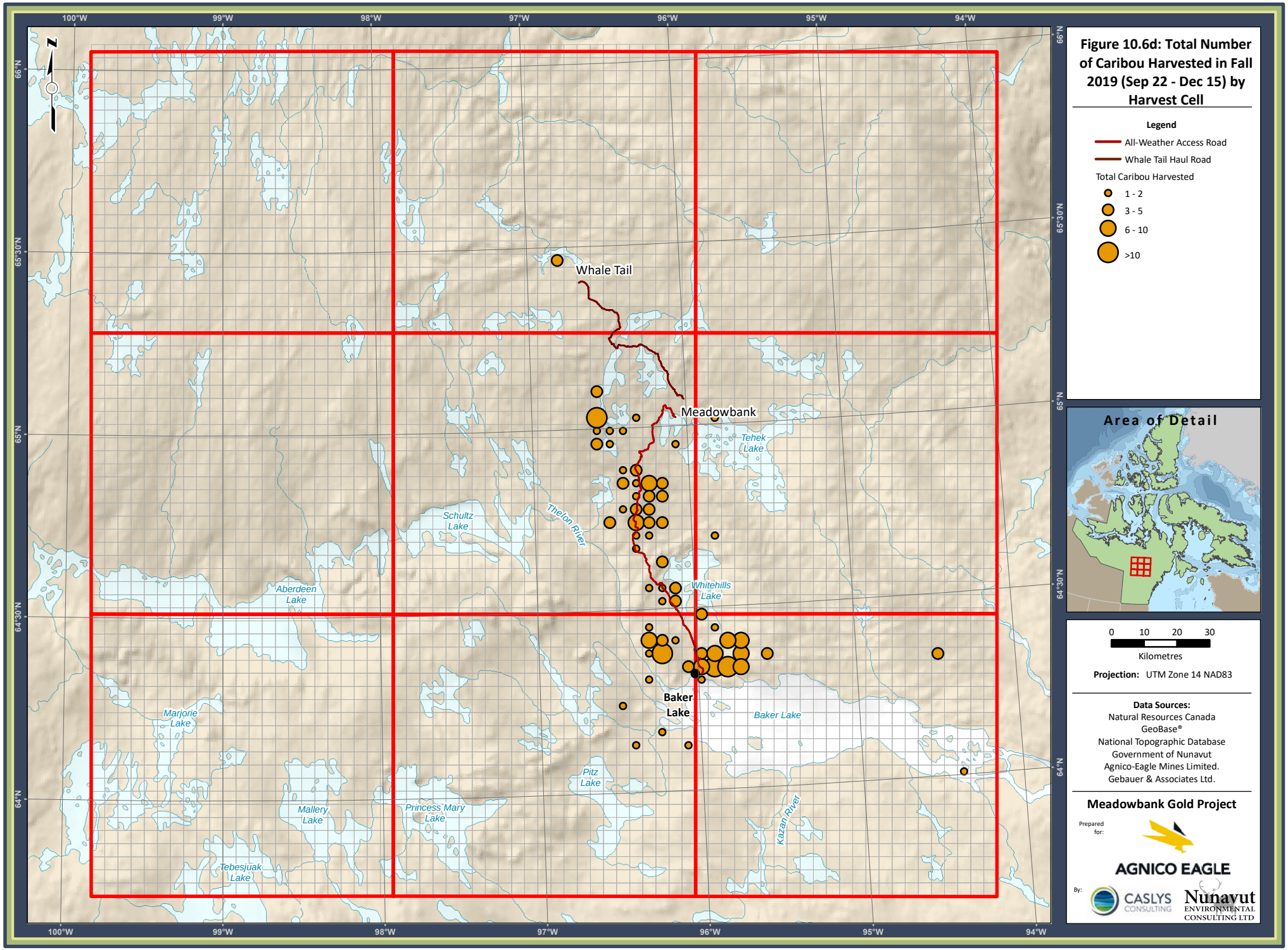
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Tehek Lake
Schultz Lake
Thelon River
Aberdeen Lake
Whitehills Lake
Baker Lake
Baker Lake
Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Kazan River
Tebesjuak Lake
Figure 10.6d: Total Number of Caribou Harvested in Fall 2019 (Sep 22 - Dec 15) by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Harvested
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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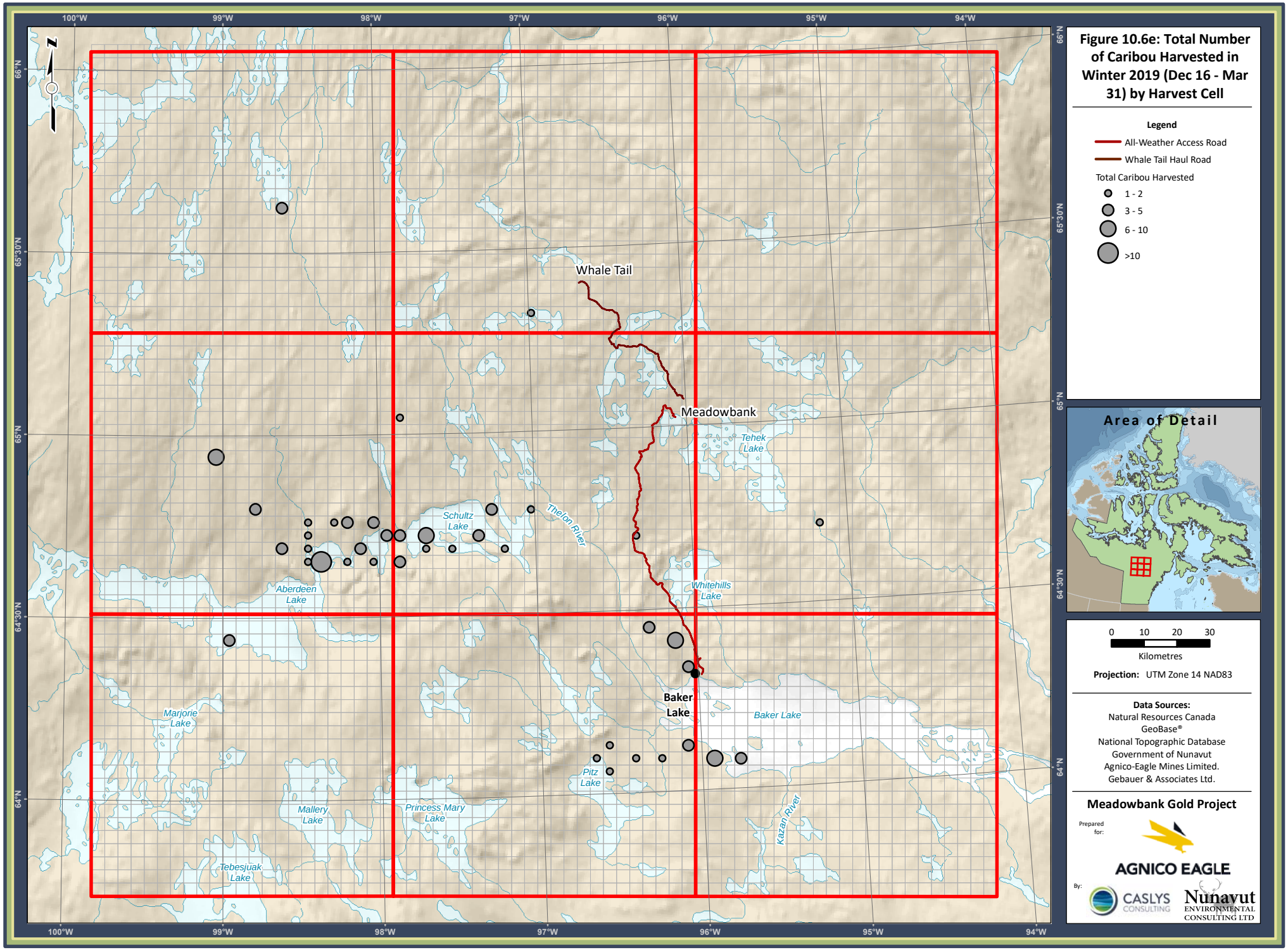
Figure 10.6e: Total Number of Caribou Harvested in Winter 2019 (Dec 16 - Mar 31) by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Harvested
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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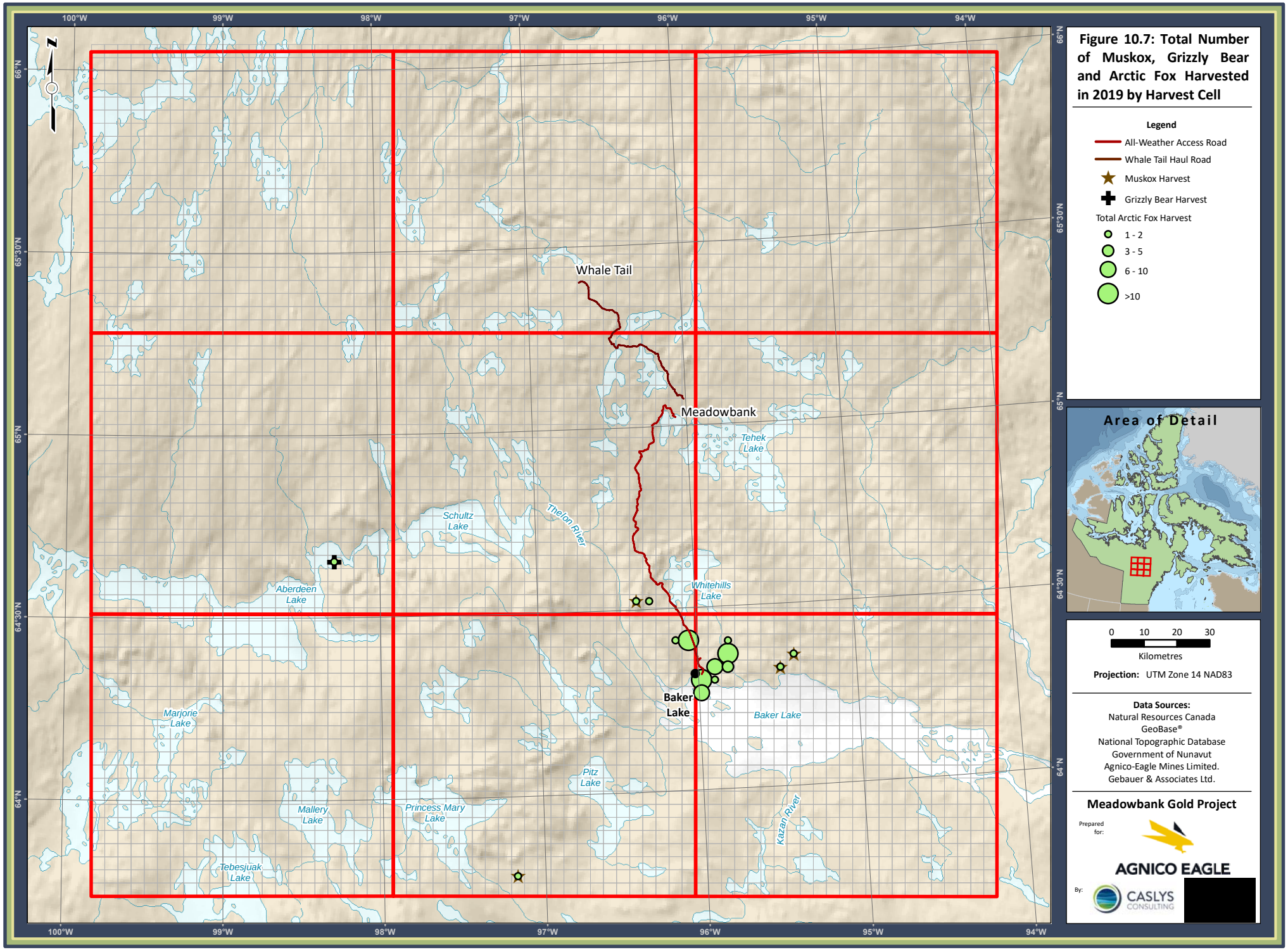
Figure 10.7: Total Number of Muskox, Grizzly Bear and Arctic Fox Harvested in 2019 by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Muskox Harvest
Grizzly Bear Harvest
Total Arctic Fox Harvest
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
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National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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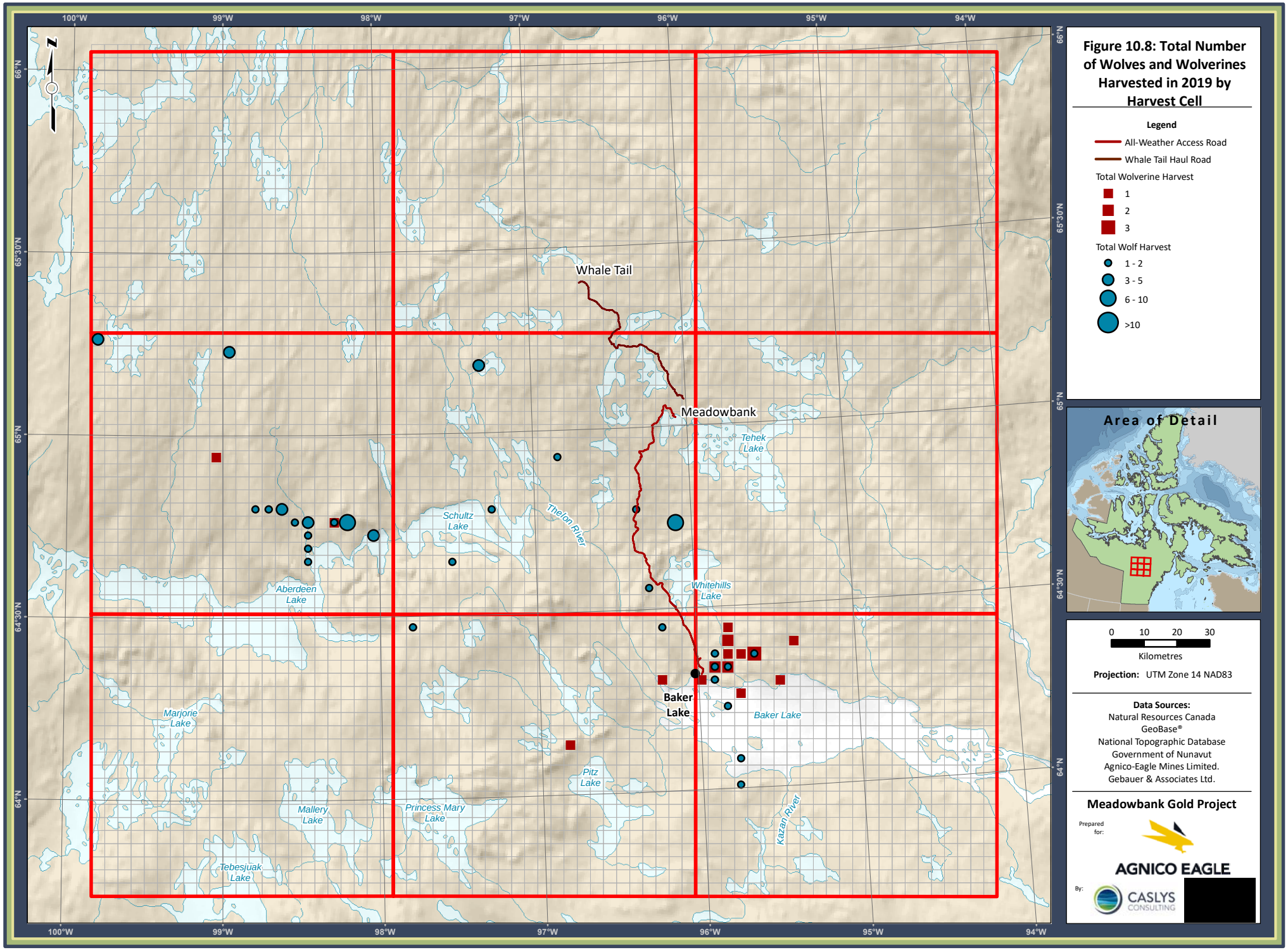
Figure 10.8: Total Number of Wolves and Wolverines Harvested in 2019 by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Wolverine Harvest
1
2
3
Total Wolf Harvest
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
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Agnico-Eagle Mines Limited.
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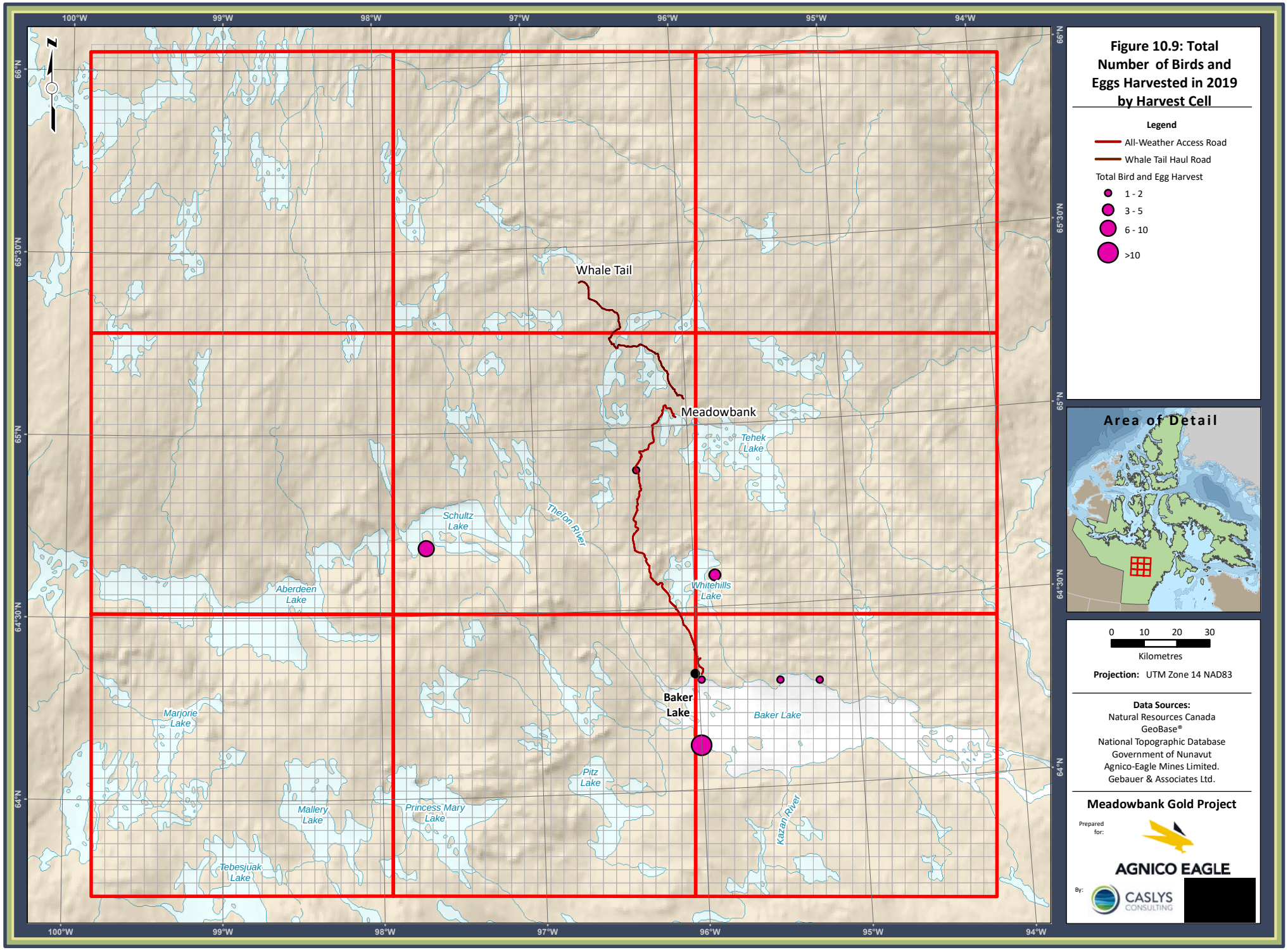
Figure 10.9: Total Number of Birds and Eggs Harvested in 2019 by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Bird and Egg Harvest
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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10.6 2019 RESULTS – FISH HARVEST

10.6.1 Number of Fisherman

The number of fisherman reporting successful fishing trips in 2019 was 26, which is higher than the average of 22 fisherman between 2007 and 2015, and higher than the 16 fisherman reporting success in 2015. Interestingly, the highest numbers of fisherman reporting success in 2019 were in the April to June period (see **Table 10.3**) despite the highest numbers of fish being caught in the winter months by a small group of fisherman (see **Section 10.6.4 Magnitude of Fishing**).

Table 10.3: Number of Fisherman in the Baker Lake Who have Recorded Fishing Success by Year and Month.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007			4	6	7	1	1		1			
2008	1	1	2	6	6	6	4	3			2	1
2009	2	2	5	10	9	9	9	6	1	8	2	2
2010			6	13	18	17	13	4	2	2	3	1
2011	1	3	6	15	21	18	9	6	2	9	9	5
2012	3	1	1	7	7	18	12	4	3	9	7	3
2013			2	5	4	11	9	1		2	1	1
2014	2	1	1	4	6	3	4	2		2	2	2
2015	1	1	1	2	9	8	6	2		3	4	2
2019	1	2	3	12	14	15	7	3	1	1	8	4
Total	**11**	**11**	**31**	**80**	**101**	**106**	**74**	**31**	**10**	**36**	**38**	**21**

10.6.2 Composition of Catch

Three fish species were reported as being caught in 2019: Arctic Char, Lake Trout and Lake Whitefish. The most common fish species captured, Lake Whitefish, represented 58% of the total catch in 2019, which was higher than the average of 34% between 2007 and 2015 (see **Table 10.4**). In interviews, some fisherman indicated that Lake Whitefish numbers in Baker Lake were particularly high in 2019.

Table 10.4: Total Number of Fish Caught between 2007 and 2015, and in 2019.

Species	2019	2015	2014	2013	2012	2011	2010	2009	2008	2007	Total
Arctic Char	89	41	22	96	24	113	103	117	24	3	632
Arctic Grayling		29			1	1	3	1			35
Lake Trout	900	370	353	490	1,014	1,710	860	525	825	210	7,257
Lake Whitefish	1573	1386	651	50	471	460	326	51	192		5,160
Unidentified Fish	119										119
Totals	**2,681**	**1,826**	**1,026**	**636**	**1,510**	**2,284**	**1,292**	**694**	**1,041**	**213**	**13,203**

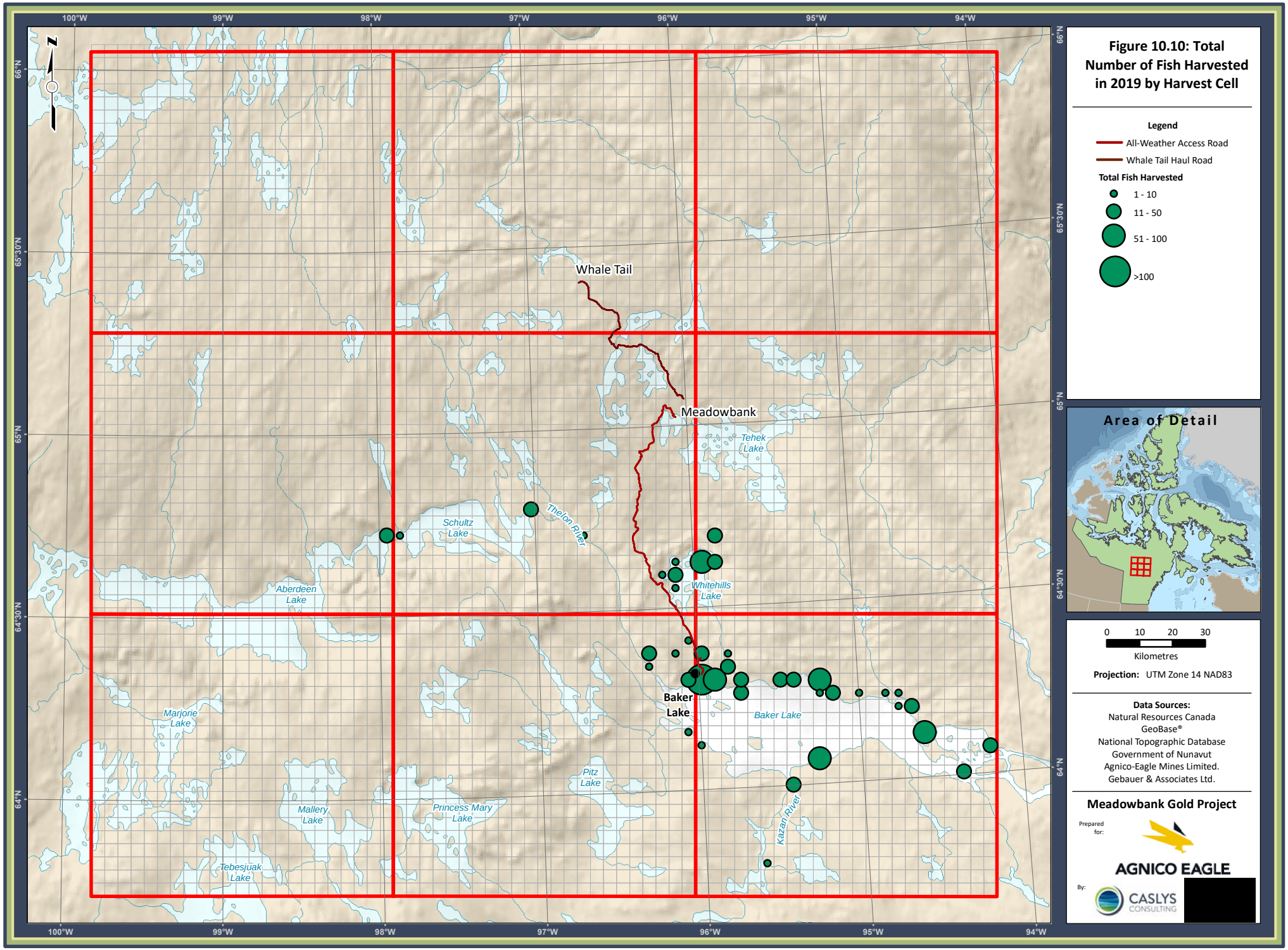
Figure 10.10: Total Number of Fish Harvested in 2019 by Harvest Cell
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Fish Harvested
1 - 10
11 - 50
51 - 100
>100
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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Baker Lake
Baker Lake
Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Kazan River
Tebesjuak Lake
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65°30'N
65°N
64°30'N
64°N

10.6.3 Distribution of Fishing

Fishing trips, regardless of success rate, did not generally occur beyond the immediate areas of Baker Lake, Whitehills Lake, and along the AWAR (see **Figure 10.10**). Some fishing occurred along the Thelon River system and associated lakes (**Figure 10.10**) during the summer when these areas can be accessed by boat. Results indicate that study participants are less willing to travel long distances to catch fish, regardless of AWAR access, likely due to the abundance of fish in close proximity to the Hamlet of Baker Lake.

10.6.4 Magnitude of Fishing

The average number of fish harvested per fisherman was highest in the winter months, which reflects the high catches of Lake Whitefish and Lake Trout caught in nets set under the ice (**Figure 10.11**). In 2019, the most commonly captured fish species, in order of abundance, were Lake Whitefish, Lake Trout and Arctic Char (see **Table 10.4**).

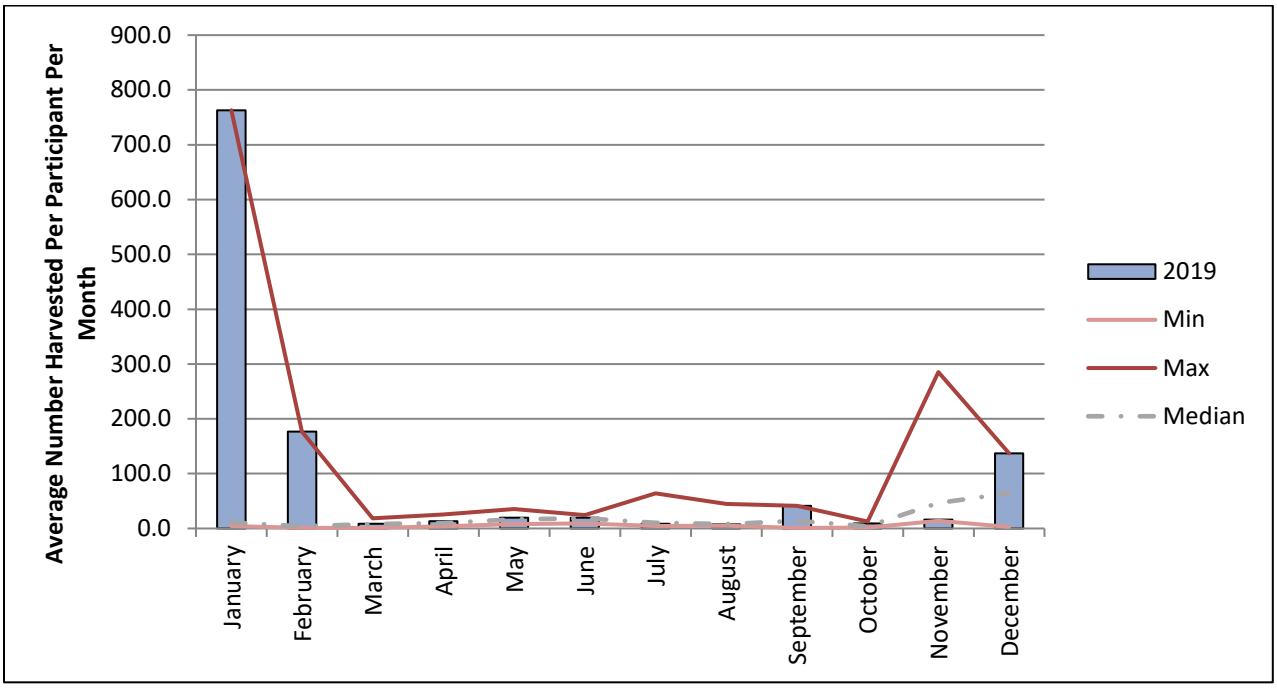

Figure 10.11: Average Number of Fish Caught per Participant in 2019 and the Minimum and Maximum Range from 2007 to 2015.

10.6.5 Seasonal Timing of Fishing

In 2019, fishing periods with the most active fisherman was from April to June (see **Table 10.3**). The periods with the most fish caught included the winter months (especially January), which reflects the high number of Lake Whitefish caught with nets below the ice, and spring (i.e., May and June), when Arctic Char and Lake Trout catches are the highest (**Figure 10.12**).This trend is reflected in the overall trend between 2007 and 2015 (**Figure 10.12)**.

10.7 ACCURACY OF IMPACT PREDICTIONS

Table 10.5 provides a summary of the impact predictions identified in the TEMP (Cumberland 2006). The 2019 HHS data were compared to the impact prediction thresholds to evaluate adherence to the impact predictions and the provision of adaptive management, as either a necessary or proactive measure. No thresholds were surpassed in 2019.

Table 10.5: Accuracy of Impact Predictions – Baker Lake Hunter Harvest Study

Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented	Status
Hunting by Baker Lake Residents	The AWAR will not result in significant changes in the spatial distribution, seasonal pattern, or harvest levels of Caribou kills by Baker Lake hunters. Changes will not exceed 20% of historical harvest activities within the RSA	NO (64% of harvest in RSA in 2019 compared to 67% baseline; average of 77% of harvest within RSA since 2007)	Future discussion with HTO and GN representatives required to identify management options	Hunter Harvest Study

10.8 MANAGEMENT RECOMMENDATIONS

The Hunter Harvest Study should be continued on an annual basis to monitor the hunting patterns of Baker Lake residents and the potential effects of the mine. Quarterly meetings with participants are particularly important in maintaining contact, building relationships, expanding the study and collecting good harvest data.

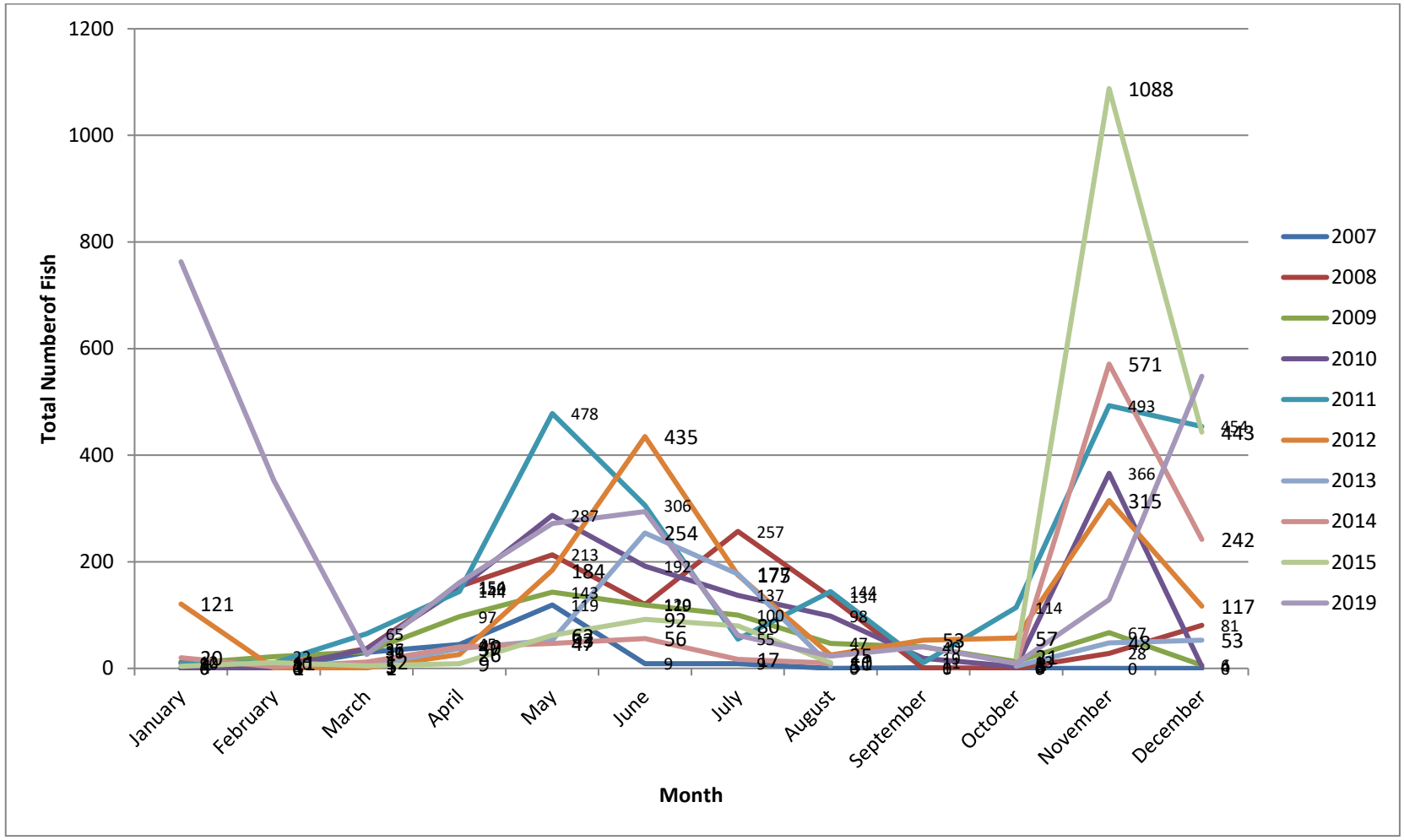

Figure 10.12: Seasonal Trends in Fishing in the Baker Lake Area between 2007 and 2015, and in 2019.

SECTION 11 • INTEGRATED CARIBOU MONITROING RESULTS

11.1 OVERVIEW AND OBJECTIVES

Management of mine-related effects on Caribou is the greatest wildlife-related challenge facing operation and environmental managers at the Meadowbank mine. As such, a variety of Caribou monitoring programs have been developed (see **Sections 3** through **10**). To facilitate an understanding of mine-related effects on Caribou, this section summarizes Caribou monitoring data collected in 2019 and lists potential mine-related effects.

11.2 INTEGRATED RESULTS

Table 11.1 summarizes results from each of the eight programs that monitored Caribou activity and responses to mine-related activity in 2019, while **Table 11.2** summarizes potential mine-related effects on Caribou in 2019.

Figures 11.1 to **11.4** depict combined data from road surveys (i.e., AWAR, Vault Haul Road and Whale Tail Haul Road), the Caribou collaring program, and the Hunter Harvest Study. In spring, walklines of collared migrating Caribou (i.e., primarily Ahiak) correspond with the higher numbers of Caribou observed along the northern portion of the AWAR and along the Whale Tail Haul Road (see **Figure 11.1**). The walklines also correspond with a moderate amount of harvesting activity in the Whitehills Lake area. During the summer, the low numbers of collared Caribou in the Meadowbank and Whale Tail RSAs corresponded with low numbers of Caribou observed on road surveys and limited harvesting activity along the AWAR (**Figure 11.2**). With lower numbers of Caribou in the Baker Lake area, harvest was much more spread out than in other seasons. In the fall, Caribou migration, as depicted by walklines, Caribou road survey results, and Caribou harvesting activity were all high along the southern two-thirds of the AWAR (**Figure 11.3**). Unlike the spring migration, when Caribou from primarily the Ahiak herd were present in northern areas of the Meadowbank project (e.g., Whale Tail Haul Road), Caribou present in the fall were primarily from the Lorillard and Wager Bay herds. In winter, collared Caribou were well to the west of the study area resulting in a corresponding low number of Caribou observed on road surveys or harvested by Baker Lake residents (**Figure 11.4**).

Table 11.1: Summary of Caribou Monitoring Activities and Management Responses at the Meadowbank and Whale Tail projects in 2019.

Monitoring Program	Summary of 2019 Monitoring Results	Summary of 2019 Management Responses
Section 3 Road Surveys	High number of road surveys conducted. High numbers of Caribou along the Whale Tail Haul Road in April, May, and October and high numbers along the AWAR in April, October and November	Traffic along the Whale Tail Haul Road restricted for 34 days in the spring season, 11 days during the summer, and 15 days during the fall. Traffic along the AWAR restricted for 27 days during the spring season and 15 days during the fall.
Section 4 Pits and Mine Site Ground Surveys	Numerous mine site surveys conducted. Highest numbers reported in April, May August, October and November	Traffic restricted on mine roads limiting movements of most vehicles.
Section 5 Wildlife Habitat Monitoring	Not conducted in 2019	Not conducted in 2019
Section 6 Caribou Satellite-Collaring Program	At the beginning of 2019, 35 active Baker Lake collars. Significant movements of collared Caribou observed in the spring along the northern portion of the AWAR and the entire Whale Tail Haul Road, and in fall along the southern portions of the AWAR.	When Caribou within the RSA, requests for telemetry locations increased to daily. As collared Caribou approached mine facilities, the number of mine site and road surveys increased. A high number of adaptive management actions taken (e.g., road closures).
Section 7 Height of Land	Fifty HOL surveys were conducted along the Whale Tail Haul Road in 2019 (access in winter restricted to some locations). High numbers of Caribou documented in spring and fall, and moderate numbers observed in summer.	Results from surveys used to notify Operation and Environment staff so that adaptive management actions (e.g., road closures) could be taken.
Section 8 Remote Camera	Some documentation of Caribou road crossings.	No actions in response to remote camera data
Section 9 Caribou Management Decision Tree	Decision tree used when Caribou were close to project facilities as outlined in the 2019 TEMP.	Decision tree process uses data from the road, mine site, and HOL surveys, and satellite collaring to determine the scale of Caribou monitoring and management required.
Section 10 Hunter Harvest Study	Of 66 participants, 42 documented Caribou harvests. Given that the 42 Caribou hunters represent an estimated 12 to 14% of hunters in Baker Lake, total reported Caribou harvest of 647 Caribou may indicate total Baker Lake harvest ranging from 4,621 to 5,392 animals	The number of Caribou harvested within the project RSA in 2019 (64%) was lower than the baseline level of 67%. Total estimated harvest is likely higher than actual harvest because several highly productive hunters are part of the study but overall numbers are higher than previous estimates. Other than sign-in requirements for hunters along the AWAR, no other management response occurred

Table 11.2: Summary of Meadowbank and Whale Tail Mine-related Effects on Caribou in 2019.

Monitoring Program	Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented
Section 3 Road Surveys	Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NA	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.
	Project-related Mortality	Caribou or Muskoxen will not be killed or injured by vehicle collisions. Threshold level of mortality is two (2) individuals per year.	NO	NO
Section 4 Pits and Mine Site Ground Surveys	Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NA	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.
Section 5 Wildlife Habitat Monitoring	Not conducted in 2019	NA	NA	NA
Section 6 Caribou Satellite-Collaring Program	Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NO	YES. Multiple road closures and notices. Use of Decision Tree for management and monitoring. Ongoing analysis by GN (in partnership with Agnico Eagle)
Section 7 Height of Land	Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NA	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.
Section 8 Remote Camera	Road Barrier to Crossing	No thresholds	NA	NA

Table 11.2: Continued.

Monitoring Program	Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented
Section 9 Caribou Management Decision Tree	Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	NA	YES. Multiple road closures and notices. Use of Decision Tree for Management and Monitoring.
Section 10 Hunter Harvest Study	Hunting by Baker Lake Residents	The AWAR will not result in significant changes in the spatial distribution, seasonal pattern, or harvest levels of Caribou kills by Baker Lake hunters. Changes will not exceed 20% of historical harvest activities within the RSA	NO (64% of harvest in RSA in 2019 compared to 67% baseline; average of 77% of harvest within RSA since 2007)	Future discussion with HTO and GN representatives required to identify management options

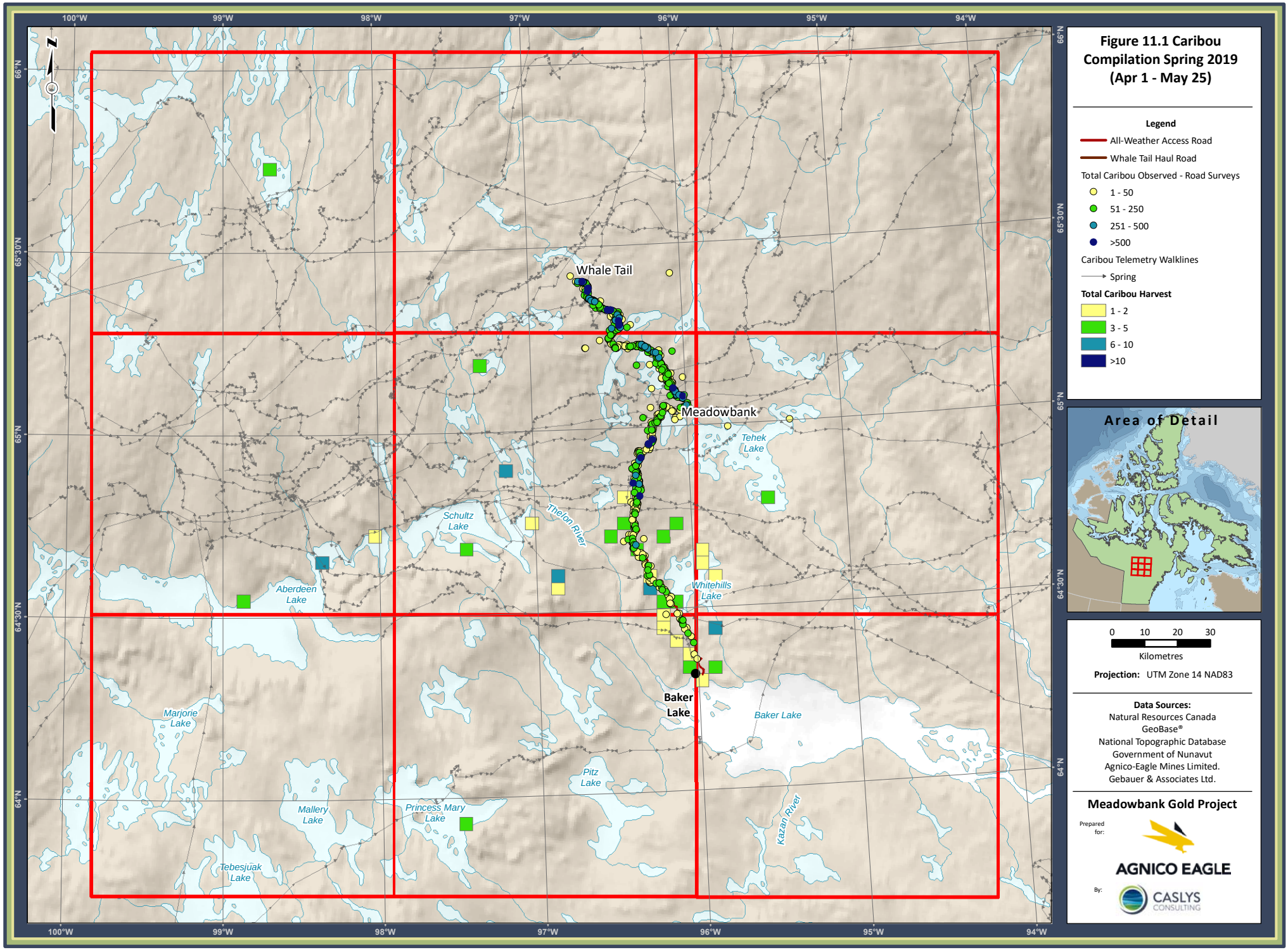
Figure 11.1 Caribou Compilation Spring 2019 (Apr 1 - May 25)
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Observed - Road Surveys
1 - 50
51 - 250
251 - 500
>500
Caribou Telemetry Walklines
Spring
Total Caribou Harvest
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
Gebauer & Associates Ltd.
Meadowbank Gold Project
Prepared for:
AGNICO EAGLE
By:
CASLYS CONSULTING
Whale Tail
Meadowbank
Tehek Lake
Schultz Lake
Thelon River
Aberdeen Lake
Whitehills Lake
Baker Lake
Baker Lake
Marjorie Lake
Pitz Lake
Kazan River
Mallery Lake
Princess Mary Lake
Tebesjuak Lake
100°W
99°W
98°W
97°W
96°W
95°W
94°W
65°30'N
65°N
64°30'N
64°N

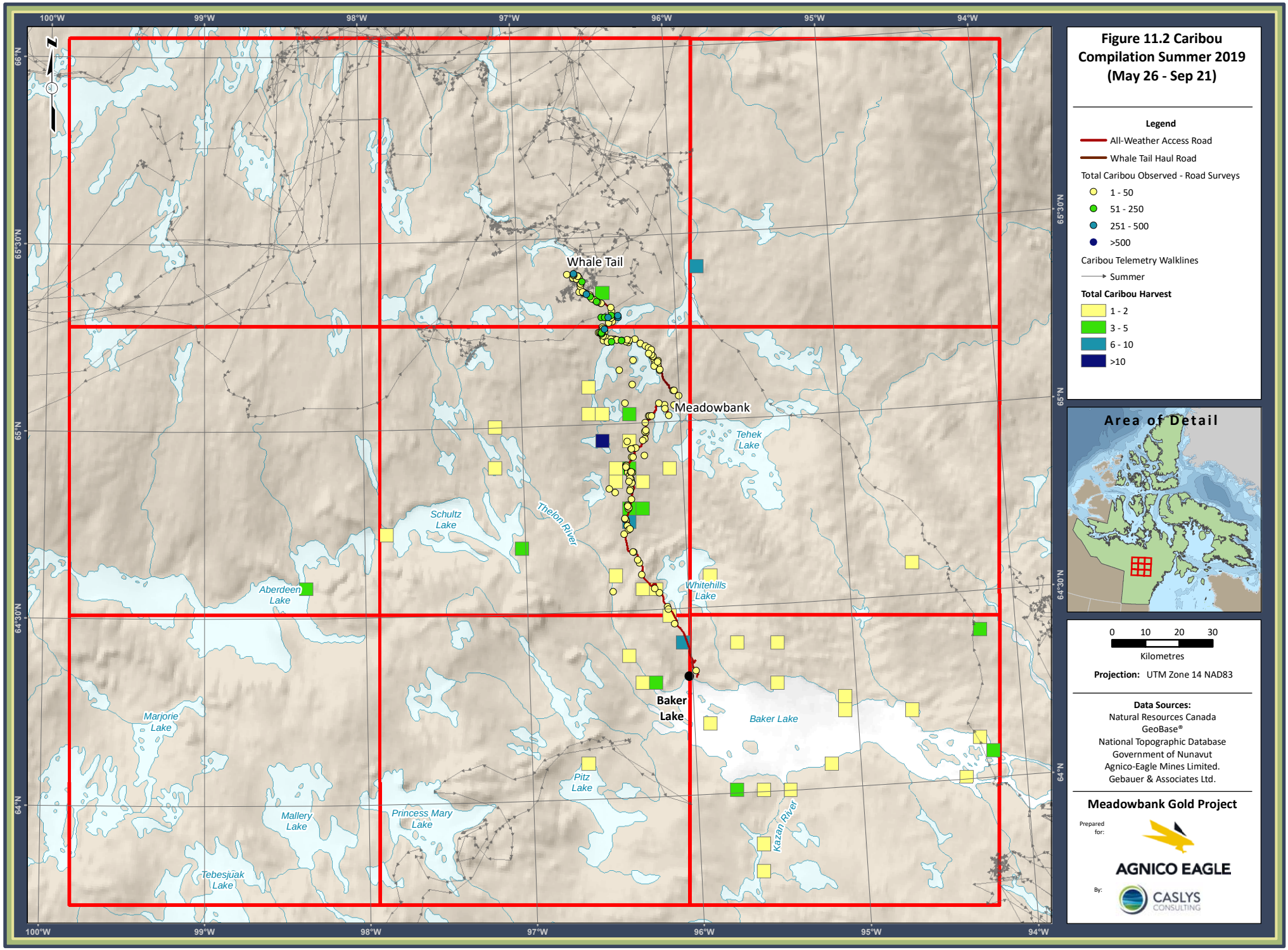
Figure 11.2 Caribou Compilation Summer 2019 (May 26 - Sep 21)
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Observed - Road Surveys
1 - 50
51 - 250
251 - 500
>500
Caribou Telemetry Walklines
Summer
Total Caribou Harvest
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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Meadowbank
Baker Lake
Tehek Lake
Schultz Lake
Thelon River
Aberdeen Lake
Whitehills Lake
Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Tebesjuak Lake
Kazan River
100°W
99°W
98°W
97°W
96°W
95°W
94°W
66°N
65°30'N
65°N
64°30'N
64°N

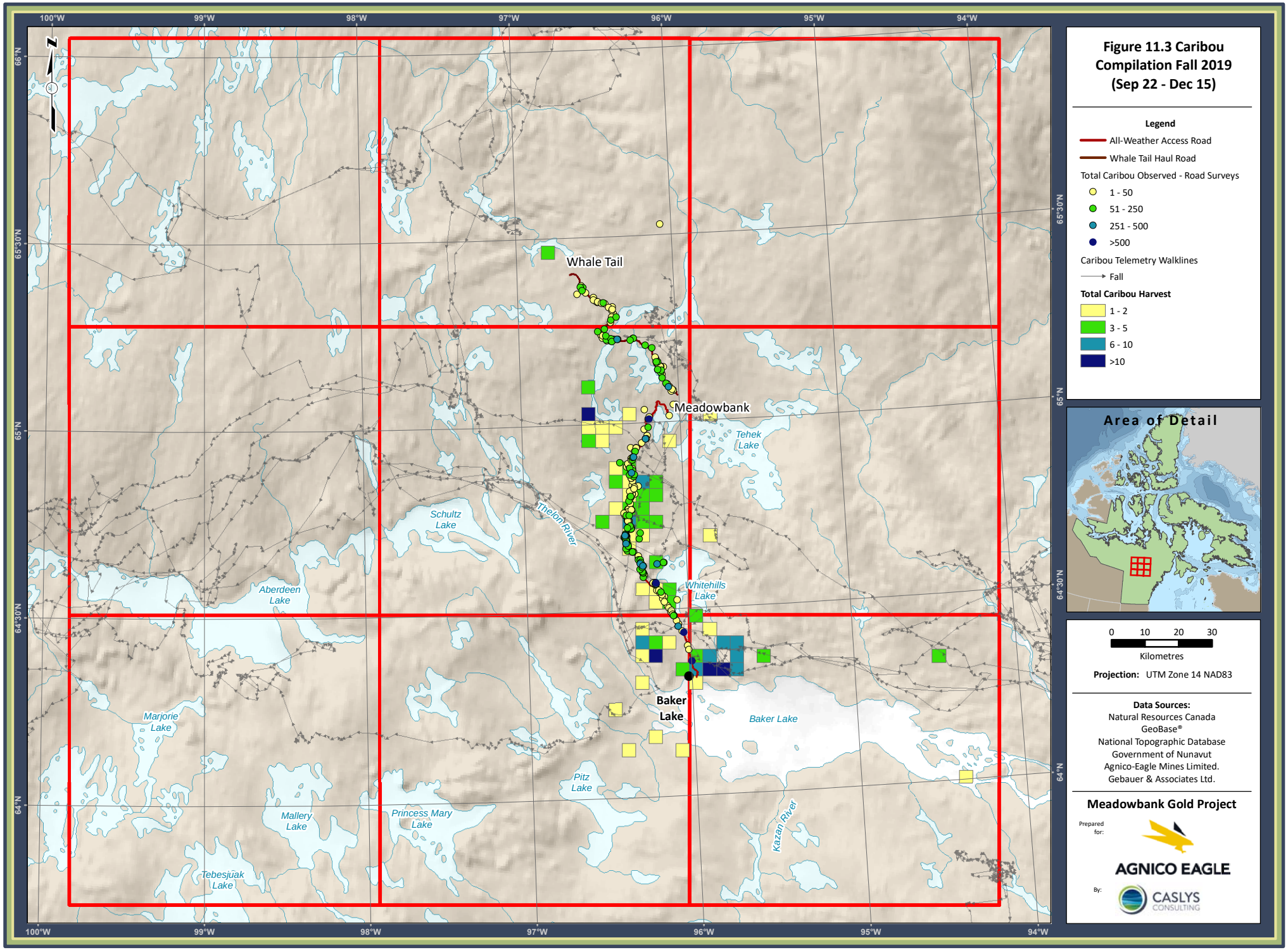
Figure 11.3 Caribou Compilation Fall 2019 (Sep 22 - Dec 15)
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Observed - Road Surveys
1 - 50
51 - 250
251 - 500
>500
Caribou Telemetry Walklines
Fall
Total Caribou Harvest
1 - 2
3 - 5
6 - 10
>10
Area of Detail
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
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Pitz Lake
Mallery Lake
Princess Mary Lake
Kazan River
Tebesjuak Lake
100°W
99°W
98°W
97°W
96°W
95°W
94°W
66°N
65°30'N
65°N
64°30'N
64°N

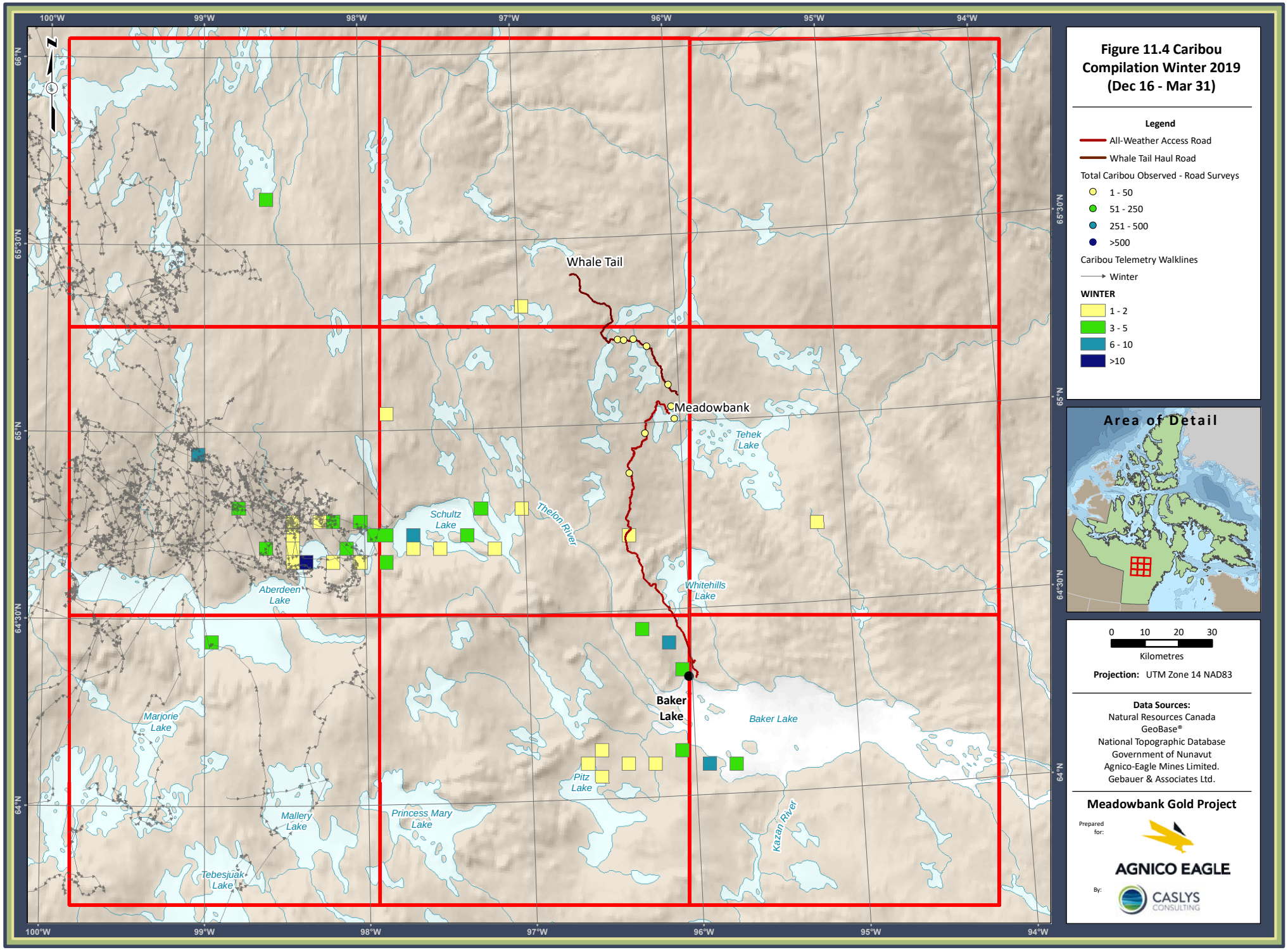


Figure 11.4 Caribou Compilation Winter 2019 (Dec 16 - Mar 31)
Legend
All-Weather Access Road
Whale Tail Haul Road
Total Caribou Observed - Road Surveys
1 - 50
51 - 250
251 - 500
>500
Caribou Telemetry Walklines
Winter
WINTER
1 - 2
3 - 5
6 - 10
>10
Area of Detail
Whale Tail
Meadowbank
Tehek Lake
Schultz Lake
Thelon River
Aberdeen Lake
Whitehills Lake
Baker Lake
Baker Lake
Marjorie Lake
Pitz Lake
Mallery Lake
Princess Mary Lake
Kazan River
Tebesjuak Lake
100°W
99°W
98°W
97°W
96°W
95°W
94°W
66°N
65°30'N
65°N
64°30'N
64°N
0 10 20 30
Kilometres
Projection: UTM Zone 14 NAD83
Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Limited.
Gebauer & Associates Ltd.
Meadowbank Gold Project
Prepared for:
AGNICO EAGLE
By:
CASLYS CONSULTING

SECTION 12 • PREDATORY MAMMAL DEN MONITORING

12.1 OVERVIEW

Predatory Mammals, representing a valued ecosystem component (VEC), occur and are known to den in the vicinity of the Meadowbank and Whale Tail project facilities. Sensory disturbances near active dens such as blasting, vehicles and, most significantly, ground personnel, may negatively impact denning success by inducing stress responses in the adult mammals, which can result in den abandonment.

Predatory Mammal den monitoring is applicable to four species: Arctic Wolf (natal dens), Grizzly Bear (natal/overwintering dens), Arctic Fox (natal dens), and Wolverine (natal dens).

12.2 OBJECTIVES

The purpose of the Predatory Mammal den monitoring program is to identify and monitor active dens in close proximity to mining operations in order to protect any detected dens from disturbance.

12.3 DURATION

The den monitoring program is ongoing during the lifetime of the mine

12.4 METHODOLOGY

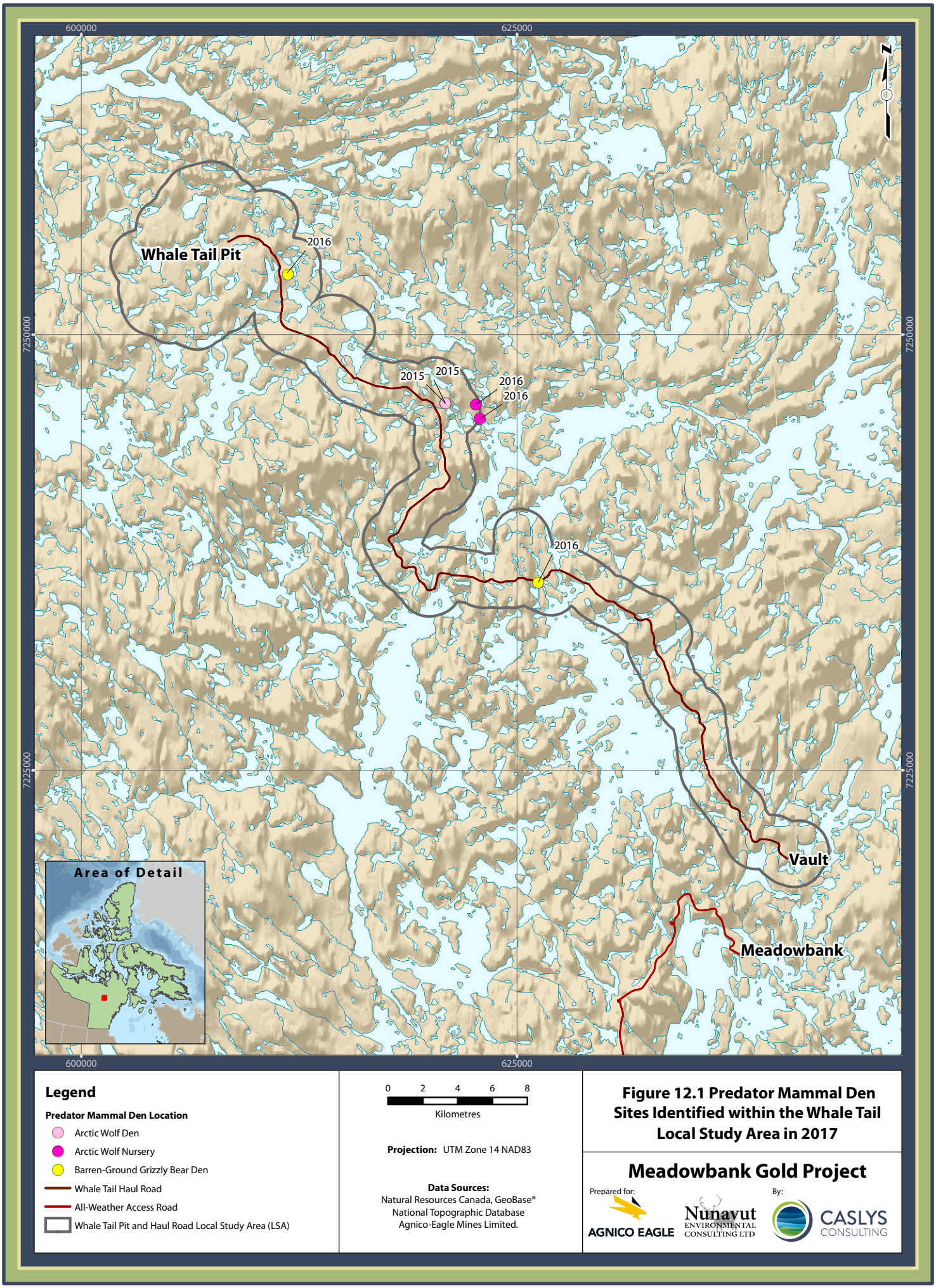
Data will be collected on Predatory Mammal abundance and behaviour during ground surveys, vehicle surveys, and HOL surveys. Active den sites identified during baseline studies will also be monitored. If a wildlife technician suspects or confirms that an active den is present within the active footprint and vicinity of Project facilities or roads, a den management plan will be prepared. The plan will include consultation with the GN with respect to obligations under *The Wildlife Act*, SNU 2003, c. 26. Ground personnel and vehicle access will be restricted in the vicinity of the den as needed to minimize disturbances at the den. The den management plan outlines a monitoring schedule (dependent on seasonal timing) and will inform further mitigation strategies as required. See Figure 13 and Appendix I of the 2019 TEMP (Agnico Eagle 2019) for den management and protection plan components.

12.5 HISTORICAL RESULTS

Active den sites of Wolf and previous dens of Grizzly Bear were identified during baseline surveys at the Whale Tail site and along the Whale Tail Haul Road (Dougan 2019; see **Figure 12.1**).

12.6 2019 RESULTS

Predatory mammal dens were not monitored in 2019 as potential effects due to mine-related activities were not identified.



Legend

Predator Mammal Den Location

- Arctic Wolf Den
- Arctic Wolf Nursery
- Barren-Ground Grizzly Bear Den
- Whale Tail Haul Road
- All-Weather Access Road
- Whale Tail Pit and Haul Road Local Study Area (LSA)

0 2 4 6 8

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited.

Figure 12.1 Predator Mammal Den Sites Identified within the Whale Tail Local Study Area in 2017

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

Nunavut Environmental Consulting Ltd

By: CASLYS CONSULTING

12.7 ACCURACY OF IMPACT PREDICTIONS

A summary of the impact predictions identified in the TEMP (Agnico Eagle 2019) is provided in **Table 12.1**; however, no impacts to denning predators were observed in 2019.

Table 12.1: Accuracy of Impact Predictions – Disturbance to Denning Predatory Mammals for the Meadowbank and Whale Tail Projects.

Potential Effect	Threshold	Threshold Exceeded (2018)	Adaptive Management Implemented	Status
Disturbance to Denning Predators	Predatory mammal den failures will not be caused by mine-related activities. Threshold is one den failure per year.	NO	NO	AWAR and haul road Surveys Daily and weekly systematic pit and mine site ground surveys Incident and vehicle encounter HOL surveys

12.8 MANAGEMENT RECOMMENDATIONS

When an active den site is identified in close proximity to project facilities, a den management plan should be developed that outlines a monitoring schedule and appropriate mitigation strategies. See Figure 13 and Appendix I of the 2019 TEMP (Agnico Eagle 2019) for den management and protection plan components.

SECTION 13 • RAPTOR NEST MONITORING

13.1 OVERVIEW

The raptor nest survey monitoring program has been designed to confirm that mine-related activities do not result in inadvertent negative effects on nesting raptors. Raptor surveys along the proposed AWAR alignment in 2005 (i.e., prior to construction) indicated that only low suitability habitat for nesting raptors was available. During AWAR construction in 2007/2008, excavated and blasted rock materials were extracted from numerous quarries along the alignment, resulting in some moderate and high suitability raptor nesting habitat areas characterized by steep rock walls. Established Peregrine Falcon nests within some of these quarries are monitored on an annual basis to evaluate occupancy.

In the Whale Tail Pit and Haul Road study area, researchers from the University of Alberta identified 56 occupied raptor nests during surveys in 2015, 2016, 2017 and 2019 (see **Appendix L** for 2019 results). The most common nesting species was Peregrine Falcon, followed by Gyrfalcon (*Falco rusticolus*) and Rough-legged Hawk. Nests of Common Raven (*Corvus corax*) were also identified during the raptor nest surveys. Most occupied nests (43) were located north of the Whale Tail Pit study area, while the remainder (13) were along the Whale Tail Haul Road. None of the occupied nests will be disturbed by proposed development activities, but four nests (i.e., 1 Peregrine Falcon; 3 Rough-legged Hawk), are located in the Whale Tail LSA.

13.2 OBJECTIVES

The primary objectives of the raptor nest survey monitoring program are to:

1. Confirm that raptor nest failures are not caused by mine-related activities. The threshold level is one (1) nest failure per year; and

2. Confirm that no project-related mortality of raptors occurs. The threshold level of mortality is one (1) individual per year.

13.3 DURATION

Raptor nest monitoring is to continue annually during the operation and decommissioning phases of the mine in accordance with the TEMP (Agnico Eagle 2019).

13.4 METHODOLOGY

13.4.1 Overview

Raptor nest monitoring is conducted according to Figure 14 in the 2019 TEMP while management and mitigation approaches are according to the ‘Peregrine Falcon Management and Protection Plan on the Meadowbank Gold Project Site' (see Appendix E of the 2019 TEMP).

A dedicated raptor nest survey (i.e., search for new nests) was in 2019 at the Whale Tail site (see **Appendix L**), but raptor activity and potential nest locations were also noted on other surveys including road surveys, HOL surveys, freshet monitoring, and on-site environmental monitoring. A dedicated and thorough raptor nest survey is also planned for the Meadowbank and Whale Tail mine sites, and all access roads in 2020. Of note is that the small number of nests monitored annually do not allow for the statistical power to determine whether potential nest failures are mine-related.

13.4.2 Meadowbank Mine and AWAR

Between 2000 and 2009, raptors were periodically recorded during AWAR road surveys, waterbird nest surveys, and aerial surveys and investigated further, as required; however, given the overall low probability of raptor occurrence within the LSA and RSA, a specific raptor survey was not scheduled. In 2009, an active Peregrine Falcon nest at Quarry 19 prompted the initiation of a dedicated raptor nest survey in 2010. Surveys from 2011 through 2019 continued this work, focusing particularly on quarries along the AWAR. Sporadic surveys in specific areas (i.e., Portage, Goose, and Vault pits, fuel tank storage) were also conducted when raptors were observed during mine site environmental inspections or employees reported any sightings. Visual checks of active falcon nest sites were conducted during regular ground reconnaissance surveys along the AWAR. Non-disruptive monitoring techniques, which included monitoring nests from a vehicle within the quarry or from the AWAR, ensured that active nests were not approached by Agnico Eagle personnel. Using these techniques, environmental personnel were able to monitor nest success throughout the summer season. Nest monitoring was not completed along the Vault Road since neither quarries nor potential raptor habitat are present. Any observed raptor activity in this area is documented through regular mine site inspection and road surveys.

13.4.3 Whale Tail Pit and Haul Road

Raptor nests in the Whale Tail Pit and Haul Road study area were previously identified by researchers from the University of Alberta during the environmental assessment process (i.e., 2015 to 2017, and 2019). Surveys were conducted from a helicopter by trained observers. Nest monitoring was conducted in the Whale Tail area, including the Haul Road, in June 2019 but none of the identified active nests are in close proximity to project facilities or were effected by project activities in 2019 (**Appendix L**).

13.5 HISTORICAL RESULTS

13.5.1 Meadowbank Mine and AWAR

Single nesting pairs of Peregrine Falcon were recorded in 1996 and 2005 in the Mine RSA, but nests near mine facilities have only been routinely recorded since 2009, at which time dedicated nesting surveys were included in the monitoring program. Thirteen unique Peregrine Falcon nesting sites have been recorded between 2009 and 2019; eleven of these were in quarries along the AWAR, one nest was located on the Portage Pit wall (observed in 2012 and 2013), and one nest was in Goose Pit (observed in 2016) (**Figure 13.1**). Not all nesting sites are active every year.

Quarry 9:
Up to 2 adults; 1 egg June

Quarry 8:
2 adults

Quarry 7:
2 adults

Quarry 3:
1 adult; 2 chicks August

Quarry 2:
Possible presence

Quarry 22:
Up to 2 adults; 4 eggs mid-June

Quarry 21:
Up to 2 adults; 4 eggs early July

Quarry 18:
2 adults

Quarry 16:
Up to 2 adults; 3 eggs June-July

Quarry 15:
Possible presence

Vault:
2 adults

Vault

Meadowbank

Portage Pit

Goose Pit

Whitehills Lake

Baker Lake

Baker Lake

Whitehills Lake

630000 640000 620000 630000 640000

7170000 7160000 7150000 7140000 7130000 7120000

7220000 7210000 7200000 7190000 7180000 7170000

Legend

- Raptor Nest - Active (2019)
- Raptor Nest - Historical
- Raptor Sighting - Near Historical Nest
- Raptor Sighting - No Nest
- Extensive Whitewash - Near Historical Nest
- Extensive Whitewash - No Nest
- Quarry location
- All-Weather Access Road
- Whale Tail Haul Road
- Meadowbank All-Weather Access Road Local Study Area (LSA)
- Meadowbank Local Study Area (LSA)

0 2 4 6
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada, GeoBase®
National Topographic Database
Agnico-Eagle Mines Limited
Gebauer & Associates Ltd.

Area of Detail

Figure 13.1: Raptor Nest Locations for the AWAR and Meadowbank Mine Site (2009 to 2019)

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

Nunavut Environmental Consulting Ltd

By: CASLYS CONSULTING

13.5.2 Whale Tail Pit and Haul Road

Of 56 nests recorded between 2015 and 2017 within the Whale Tail Pit and Haul Road RSA, four were located within the Whale Tail Pit LSA but none were close to project facilities (see **Figure 13.2**); therefore, monitoring was not conducted at any of the nests.

13.6 2019 RESULTS

13.6.1 Meadowbank Mine and AWAR

In 2019, six active Peregrine Falcon nests were documented in Quarries 3, 9, 16, 18, 21 and 22, with only the nest at Quarry 9 recorded for the first time. No falcon activity was observed at previous nest sites at Quarry 2 (2018), Quarry 7 (2017), Quarry 8 (2017), Quarry 17 (2017), Quarry 19 (2018), Portage Pit (2013), and Goose Pit (2016) (see **Table 13.1**). In addition to the six active nest sites documented in 2019, falcon activity was observed at four additional quarry sites (i.e., Quarries 2, 7, 8, and 15) and one pit (Vault) during the monitoring program. Cumulative information on Peregrine Falcon nests from 2009 to 2019 is summarized in **Table 13.1** and **Figure 13.1**.

Once an active nest has been identified, mine-related activity (e.g., vehicle operation, heavy equipment, aircrafts, blasting etc.) is automatically halted within the quarries with the only disturbance being traffic on the nearby AWAR. For example, at Quarry 22, no remediation of contaminated soils is conducted when falcons are present in the quarry. In addition, to minimize direct disturbance to nesting birds and as per Alistair Franke recommendations, intensive monitoring, which would require approaching nests by foot, is not conducted. Agnico Eagle is also careful not to broadcast locations of nesting birds to avoid inadvertent disturbance by curious mine employees.

Observations made throughout the nesting season on raptor activity and nesting success are detailed in **Table 13.2**. Nesting success was confirmed through the presence of aggressive adults, eggs, or chicks at the six active nesting sites along the AWAR in 2019. Specific raptor nest management plans were not warranted at any of the active nest sites, as mine-related activity was restricted within the quarries.

Additional observations of raptor activity around the mine site are included in **Appendix E**, which lists all incidental sightings, and in **Table 4.2**, which summarizes incidental sightings by month. The first Peregrine Falcon of the season along the AWAR was observed at Quarry 16 on 09 May and individuals or pairs were seen regularly until September. The first Rough-legged Hawk of the year was observed on 14 May and many other individuals were observed through to October. Bald Eagles were occasionally recorded between July and September, and one Snowy Owl was observed along the Vault Haul Road on 09 October. Bald Eagle, Peregrine Falcon, and Rough-legged Hawk were observed during AWAR surveys.

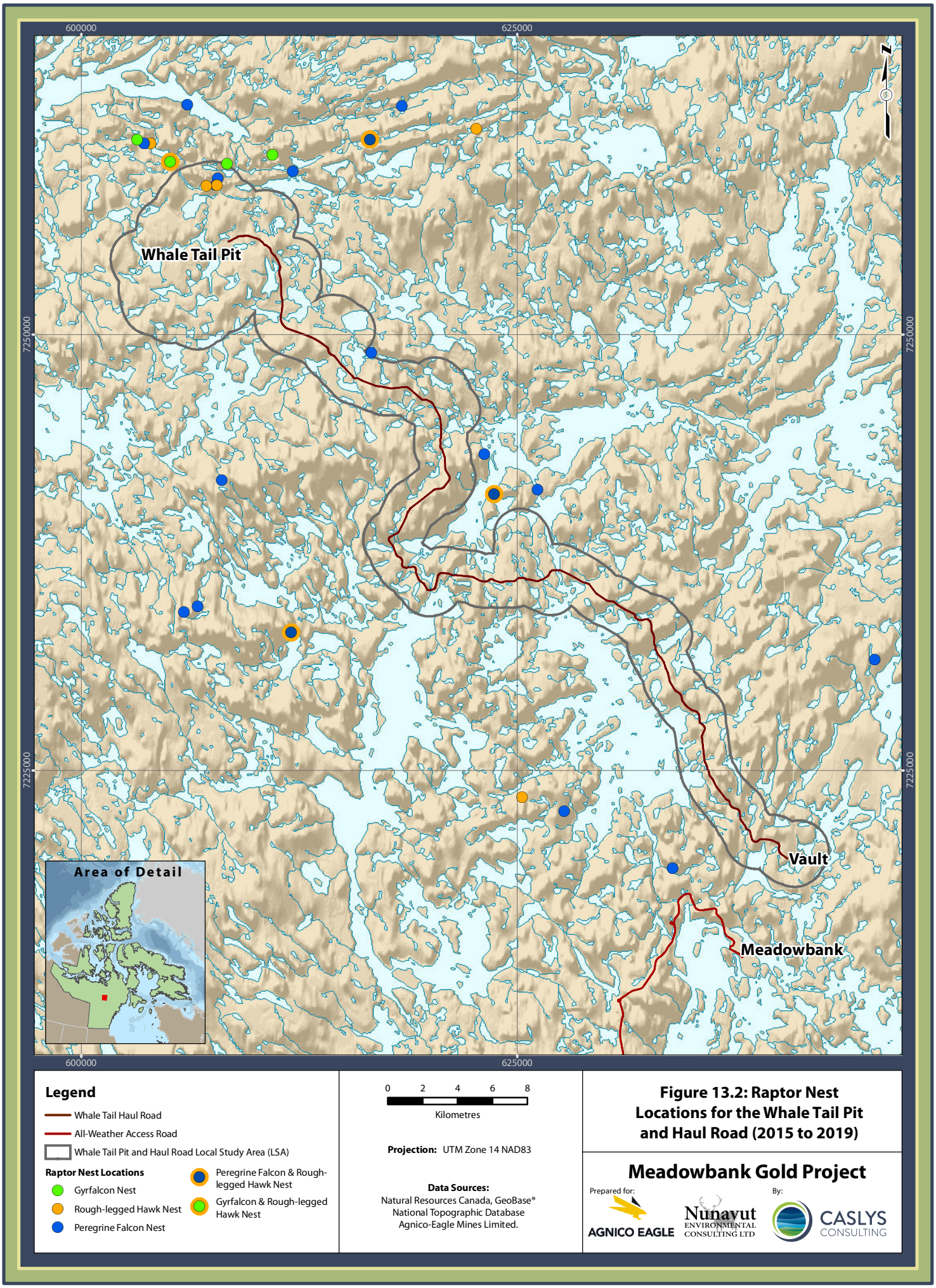


Figure 13.2: Raptor Nest Locations for the Whale Tail Pit and Haul Road (2015 to 2019)

Meadowbank Gold Project

Prepared for: AGNICO EAGLE

By: Nunavut Environmental Consulting Ltd; CASLYS CONSULTING

Table 13.1: Record of Peregrine Falcon and Nesting (Yes) along the AWAR and in the Meadowbank LSA between 2009 and 2019.

Quarry	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Comments
1	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
2	No	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	No	No	No	**Yes**	No	Extensive whitewash; possible presence
3	No	**Yes**	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	One adult observed regularly and two chicks seen in August
4 to 6	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
7	No	No	No	No	No	No	No	**Yes**	**Yes**	No	No	Pair of adults observed on two occasions
8	No	No	No	No	No	No	No	No	**Yes**	No	No	Pair of adults observed on one occasion
9	No	No	No	No	No	No	No	No	No	No	**Yes**	One to two adults seen regularly and one egg noted in June
10 to 14	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
15	No	No	No	No	No	No	No	No	No	No	No	Extensive whitewash; possible presence
16	No	No	No	No	No	No	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	One to two adults seen regularly and three eggs noted in June and July
17	No	No	No	No	No	No	No	No	**Yes**	No	No	No raptor activity observed
18	No	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	No	**Yes**	**Yes**	**Yes**	**Yes**	Pair of adults seen on three occasions; aggressive on other occasions suggesting nest presence
19	**Yes**	No	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	No	No raptor activity observed
20	No	No	No	No	No	No	No	No	No	No	No	No raptor activity observed
21	No	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	**Yes**	One to two adults seen regularly and four eggs noted in early July
22	No	No	No	No	No	No	No	No	**Yes**	**Yes**	**Yes**	One to two adults seen regularly and four eggs noted in mid-June
Portage	No	No	No	**Yes**	**Yes**	No	No	No	No	No	No	No raptor activity observed
Vault	NA	NA	NA	NA	No	No	No	No	No	No	No	Two adults flying circling above pit and landing on north wall in early June
Goose	NA	NA	No	No	No	No	No	**Yes**	No	No	No	No raptor activity observed

Table 13.2: Raptor Nests Identified and Monitored at the Mine Site and along the AWAR between Baker Lake and the Meadowbank Mine Site in 2019.

Quarry or Pit Location	GN Site #[1]	Species	Location (UTM)	2019 Observation Date	Observations	Mitigation Actions Taken
3	4004	Peregrine Falcon	14W 0638009 7156419	07 June	1 falcon observed	No other mining-related activity permitted within quarry; closets activity is traffic on AWAR; birds are not approached on foot
				27 June	1 falcon observed	
				08 July	2 eggs in nest	
				19 July	1 falcon observed	
				04 August	1 falcon and 2 chicks	
9		Peregrine Falcon	14W 0628555 7171894	07 June	2 falcons observed	No other mining-related activity permitted within quarry; closets activity is traffic on AWAR; birds are not approached on foot
				15 June	1 falcon observed	
				18 June	2 falcons and 1 egg in nest	
				19 July	1 falcon observed	
				04 August	1 falcon observed	
16	4007	Peregrine Falcon	14W 0627212 7193129	28 May	2 falcons observed	No other mining-related activity permitted within quarry; closets activity is traffic on AWAR; birds are not approached on foot
				07 June	1 falcon observed	
				18 June	2 falcons and 3 eggs in nest	
				27 June	1 falcon observed	
				05 July	2 falcons and 3 eggs in nest	
				19 July	1 falcon observed	
18		Peregrine Falcon	14W 0627321 7202148	07 June	2 falcons observed	No other mining-related activity permitted within quarry; closets activity is traffic on AWAR; birds are not approached on foot
				05 July	2 falcons and nest observed but very difficult access to assess nest	
				19 July	2 falcons observed and apparently guarding nest	

Table 13.2: Continued.

Quarry or Pit Location	GN Site #[1]	Species	Location (UTM)	2019 Observation Date	Observations	Mitigation Actions Taken
21	4009	Peregrine Falcon	14W 0630781 7211705	07 June	2 falcons observed	No other mining-related activity permitted within quarry; closets activity is traffic on AWAR; birds are not approached on foot
				27 June	1 falcon observed	
				05 July	2 falcons and 4 eggs in nest	
				19 July	2 falcons observed	
				25 July	1 falcon observed	
22	2017C[2]	Peregrine Falcon	14W 0633625 7216088	07 June	2 falcons observed	No remediation of contaminated soils when falcons are present and nesting; no other mining-related activity permitted within quarry; birds are not approached on foot
				18 June	2 falcons and 4 eggs in nest	
				27 June	1 falcon observed	
				05 July	1 falcon observed	

[1] Government of Nunavut (GN) Raptor Database site number

[2] Unique nest identifier (awaiting GN Raptor Database site number)

13.6.2 Whale Tail Pit and Haul Road

Active raptor nests were monitored within the Whale Tail Pit and Haul Road LSA in June 2019; however, no nests were disturbed by project activities. For the four nest sites within 1.5 km of project facilities, management recommendations were provided (**Appendix L**). Except for Rough-legged Hawks, occupancy rates were the same as in 2017 (i.e., 23 of 41 known Peregrine Falcon nests occupied; 2 of 4 known Gyrfalcon nests occupied). For Rough-legged Hawks, occupancy rates declined from 16 of 21 known nests in 2017 to 7 of 21 in 2019.

Raptor species recorded along the Whale Tail Haul Road between May and September, included Bald Eagle, Peregrine Falcon, Rough-legged Hawk, and Snowy Owl (see **Appendix E**). One Short-eared Owl was seen on 03 September along the Whale Tail Haul road near the Amaruq site.

13.7 ACCURACY OF IMPACT PREDICTIONS

A summary of the impact predictions identified in the TEMP (Agnico Eagle 2019) is provided in **Table 13.3**. The 2019 raptor monitoring data were compared to the impact prediction thresholds to evaluate adherence to impact predictions and provision of adaptive management, as either a necessary or proactive measure. No thresholds were surpassed in 2019.

Table 13.3: Accuracy of Impact Predictions – Disturbance to Nesting Raptors for the AWAR and Mine Site, and Raptor Mortality.

Potential Effect	Threshold	Threshold Exceeded (2019)	Adaptive Management Implemented	Status
Disturbance to Nesting Raptors	Raptor nest failures will not be caused by mine-related activities. Threshold is one nest failure per year.	NO (note – limited data on nesting success)	NO (all mine-related activity is already restricted at active sites)	AWAR and haul road surveys Dedicated raptor nest surveys Daily and weekly systematic pit and mine site ground surveys
Raptor Mortality	One (1) individual	NO	NO	AWAR and haul road surveys Daily and weekly systematic pit and mine site ground surveys Incident and vehicle encounter reports

13.8 MANAGEMENT RECOMMENDATIONS

Quarrying activities along the AWAR corridor have created moderate to high suitability Peregrine Falcon nesting habitat. Falcons are expected to continue to use select quarries for the foreseeable future, which may necessitate the implementation of a raptor nest management plan for nests where mine-related activity is unavoidable; however, this was not necessary in 2019.

In 2020, Agnico Eagle will be conducting a comprehensive raptor nest survey of the Meadowbank and Whale Tail sites, including areas along the Whale Tail Haul Road.

Agnico Eagle will continue to:

- Conduct raptor nest surveys annually at each of the quarries along the AWAR early in the nesting season (mid- to late June) to confirm the status of previously confirmed raptor nests, assess the presence of new raptor nests, and determine the need, if any, for a raptor nest management plan;
- Monitor active raptor nests regularly in the breeding season to confirm nest success or failure;
- Ensure that environmental personnel maintain accurate records of nesting activity and success for all active nests for the duration of these surveys;
- Monitor pits and waste rock piles at the mine site to avert nesting attempts by raptors. If a nest is established, the Peregrine Falcon Management and Protection Plan will be followed;
- Monitor the Whale Tail Pit and Haul Road areas during many of its field programs (e.g., freshet monitoring, HOL surveys etc.) to determine whether active nests area present. If a nest is in close proximity to project facilities and is at risk of disturbance, the Peregrine Falcon Management and Protection Plan will be followed; and
- Further discussions will be held within the TAG and with Alistair Franke regarding the feasibility of conducting statistically powerful surveys that can distinguish between mine and natural effects on nesting success.

SECTION 14 • WATERBIRD NEST MONITORING

14.1 OVERVIEW

The Whale Tail expansion requires the construction of two dikes within Whale Tail Lake to divert water from the proposed pit to surrounding lakes and tributaries, resulting in flooding that will elevate water levels by 4 m and inundate approximately 157 ha of tundra during the active bird nesting window. To investigate mitigation options for minimizing flooding-related impacts to birds, Trent University, in collaboration with Environment and Climate Change Canada and Agnico Eagle, conducted active bird nest surveys and experimented with deterrent options in summer 2018 and 2019 at the Whale Tail site.

14.2 OBJECTIVES

The purpose of the research is to assess the degree of risk posed to migratory birds by mining-induced flooding during the nesting period, and to determine the most effective bird deterrents and how they should be applied. The specific study objectives are:

1) Determine breeding densities and timing of bird nest initiation at the study site;
2) Investigate the relationship between nesting phenology and timing of snowmelt;
3) Understand the degree to which deterrents can reduce nesting densities in specific areas;
4) Document individual behavioural responses to deterrent applications and changes in response over time; and
5) Assess the dispersal distance of deterred/impacted birds, to understand whether birds displaced from flooded areas nest nearby.

14.3 DURATION

The study was initiated in 2018 and will continue until 2020.

14.4 METHODOLOGY

Detailed methods are outlined in the '2019 Migratory Bird Protection Report' (Agnico Eagle 2020) (see **Appendix M**).

14.5 2019 RESULTS

14.5.1 Survey Results

During the flooding, six (6) nests of three (3) species were lost due to direct impacts of the high water. Overall an average loss of 3.8 nests per km^2 was estimated by taking the number of nests observed to be lost and dividing it by the total proposed flood zone of Whale Tail Lake (1.575 km^2). The species that lost nests were Lapland Longspur (4), Semipalmated Sandpiper (1) and Herring Gull (1). Despite nest loss due to flooding and significant habitat loss, nests in the proposed flood zone had an estimated success rate of 56% (Agnico Eagle 2020). Further discussion is provided in **Appendix M**.

14.5.2 Effectiveness of Deterrents

Complete results describing the effectiveness of the tested deterrents will be provided upon study completion; however, results to date demonstrate that deterrents were not effective at deterring birds from nesting. In addition, deployment and maintenance of the deterrents was extremely time consuming. As a result, the study authors do not recommend the use of the tested deterrents for mitigating nest loss due to disturbance such as flooding. Further discussion of the effectiveness, cost and practicality of deterrents is provided in **Appendix M**.

14.5.3 Next Steps

In 2020, the study will continue to determine whether re-colonisation occurs in the flooded areas around Whale Tail Lake as the flood waters recede. The study will require monitoring of the 16 plots within the flood zone surrounding Whale Tail Lake. The purpose of the study is to understand how nesting birds react to the elimination of previously suitable habitat, whether bird densities change between years as the water line moves, and the role elevation has in the selection of nest sites.

SECTION 15 • BREEDING BIRD MONITORING

15.1 OVERVIEW

The breeding bird PRISM (Program for Regional and International Shorebird Monitoring) plot and bird transect monitoring programs were designed to evaluate potential project-related changes in breeding bird species abundance, richness, and diversity over time. The program is one component of the larger monitoring strategy to evaluate the success of mitigation measures implemented to minimize the amount of vegetation (i.e., bird habitat) removed or degraded (e.g., dust fall) by the project, and whether certain mine activities such as the mine site or AWAR have resulted in reduced or compromised habitat function or effectiveness (i.e., zone of influence) for breeding birds.

For the breeding bird transects, data analysis in 2011 and 2015 indicated that no road-related effects had occurred to date, and thresholds had not been exceeded; therefore, annual transect surveys were permanently suspended after 2015.

15.2 OBJECTIVE

The objective of the breeding bird plot monitoring program is to confirm that a mine-related change of 20% function, determined by an increase or decrease in local breeding bird abundance, richness, and diversity, has not occurred. The program uses the widely accepted Canadian Wildlife Service's (CWS) PRISM protocols (CWS 2005). A secondary objective of the monitoring program is to determine more effective ways to prevent disturbance to nesting birds based on feedback from mitigation measures and observations.

15.3 DURATION

The breeding bird plot monitoring program is to continue every year during the construction period and for at least the first three full years of mine operation (2010 to 2012) in accordance with the TEMP (Cumberland 2006). The last PRISM plot survey was conducted in 2015.

15.4 RECOMMENDATIONS

For the breeding bird PRISM plots, data analysis in 2015 showed that most bird community indices were variable with little difference in overall trends between mine and control plots. Thresholds had not been exceeded and no additional management or mitigation considerations were necessary.

In 2019, the Canadian Wildlife Service requested a detailed analysis of all PRISM and bird transect data to date and a comprehensive report outlining protocols and analytical results. If no effects are evident, bird monitoring can be shifted to: 1) PRISM plots randomly selected by CWS staff; and 2) a Breeding Bird Survey (BBS) as per standard BBS protocols. Agnico Eagle is planning on conducting the analysis and submitting the report in 2020.

SECTION 16 • INVASIVE PLANTS

16.1 OVERVIEW

In 2019, Agnico Eagle initiated a non-native plant monitoring study to assess and monitor the potential introduction of non-native plant species, including weeds or invasive species (see Golder 2020c).

16.2 OBJECTIVE

The primary objective of the invasive plant survey was to assess and monitor the potential introduction of non-native plant species in areas where colonization was most likely (e.g., disturbed areas). The non-native plant information collected provides an understanding of the presence or spread of non-native plant species and informs on the efficacy of current cleaning and protection measures on site as per the TEMP. The results may serve as a basis for the development of a non-native plant management plan (if needed).

16.3 DURATION

The distribution of invasive plants is monitored on an annual basis through site inspections.

16.4 METHODOLOGY

Surveys at the Meadowbank Complex were conducted by a Golder Ecologist between August 9 to 16 2019 and focused on 14 non-native vascular plant species (see Golder 2020c; **Appendix N**). Due to the large extent of the Meadowbank Complex area, non-native plant surveys were executed as targeted surveys focused within high-priority or potential areas. High-potential areas were surveyed, including highly trafficked areas (e.g., fuel station, wastewater discharge area, areas surrounding buildings, shipping containers, and the dump). Due to time constraints, the AWAR was surveyed from the Meadowbank Mine site to KM 70 only at slow speed, while observing for weed infestations along road margins. Periodic stops were undertaken to complete meanders in areas with high potential (i.e., pull-outs, work areas, etc.). Observers looked for obvious signs of non-native plant occurrences such as showy inflorescence, fruiting structures, and other key characteristics that distinguished non-native species from endemic plant species.

When non-native or invasive plant species were encountered, the following information was recorded: site ID; surveyor name; GPS coordinates; photos of the occurrence / infestation; species name; estimated area of infestation; estimated number of plants (e.g., <10, 10 to 100, 100 to 1,000, >1,000) of each species; estimated cover of bare ground; growth stage (i.e., seedling, in bud, seed set, expired); recommended action for each species; and record of any hand pulling completed.

16.5 RESULTS

A total of 107 locations were surveyed (Golder 2020c; **Appendix N**). No non-native plants (i.e., in Canada) were recorded along the Whale Tail Haul Road and AWAR, and within the Whale Tail and Meadowbank Mine footprints; however, populations of Flixweed (*Descurainia sophia*) and Scentless Chamomile (*Matricaria perforata*), both non-endemic to the Arctic, were observed within the surveyed locations.

A single stem of Scentless Chamomile, a species of concern listed as Secondary Noxious and Noxious in the Canadian Weed Seeds Order (*Seeds Act* 2016) was observed near a building close to the water at the Meadowbank Mine site (see Golder 2020c). The plant was hand pulled and disposed of safely by an Agnico Eagle employee on 15 August 2019.

Flixweed, an introduced agricultural weed (ABMI 2019) that is not native to Nunavut, was observed on the Meadowbank Mine site at a number of locations but particularly along the perimeter of the airstrip (e.g., southwest border; exceeding 1,000 individuals), and the southwest edge of the Meadowbank Mine site around the workshop and shipping container storage areas. Observed Flixweed populations have not encroached onto the tundra and all observations were limited to disturbed areas.

16.6 RECOMMENDATIONS

Although not listed as a non-native plant by the Canadian Endangered Species Conservation Council (CESCC), the presence of the noxious weed, Scentless Chamomile, should be continually monitored to prevent further infestations. Although Flixweed has not migrated from disturbed areas, it should be controlled to contain the infestation and prevent spread north to new locations.

Continued and thorough cleaning of equipment and materials prior to entering the site, as per the TEMP, will prevent seed of non-native species from being introduced. Surveys for the 14 non-native plant species identified by CESCC and other non-native species should be completed annually. The procedure, NU-PRO- ENV- Invasive Species Inspection Prior to Loading onto Shipping Vessel, is also being followed.

Mechanical control, such as mowing or hand pulling, is recommended for any identified non-native plant species. If hand pulling with a shovel, the plant material can be collected in bags and disposed of at an offsite location or incinerated.

SECTION 17 • SUMMARY

The 2019 Wildlife Monitoring Summary Report describes the data collected to date from the various monitoring programs and describes natural and mine-related variability, and potential mine-related effects within wildlife populations.

In 2019, monitoring efforts focused on areas immediately around the mine site and along the AWAR, Vault Haul Road, and Whale Tail Haul Road. Survey and monitoring emphasis was on evaluating current habitat losses, monitoring nesting success of raptors, and monitoring and managing wildlife presence, particularly Caribou, near the mine facilities and infrastructure. Regional-scale monitoring efforts focused on Caribou movement through ongoing satellite-collaring studies. A summary of potential project effects, threshold levels, and the 2019 monitoring results is provided in **Table 17.1**.

Collared Caribou and large herds crossed the AWAR, Vault Haul Road, and Whale Tail Haul Road during the 2019 spring and fall migrations. Overall very high Caribou numbers were recorded along project roads during surveys in 2019 with numbers in April higher than in any other previous year. Mitigation measures (e.g., convoying, reduced speed limits, limiting vehicle volumes, and road closures) for Caribou along the roads appeared to facilitate passage of Caribou across the roads as compared to what was observed in 2018. Of note, is that Caribou movements in 2018 may have been affected by a satellite-collaring program in late April and early May.

Further studies by Agnico Eagle and the GN are underway to understand different and/or additional mitigation triggers, and the effects of the mine roads on fine-scale Caribou movement and timing of Caribou reaching calving grounds and successfully calving. The Baker Lake HTO, GN personnel, and other stakeholders will meet within the Terrestrial Advisory Group (TAG) in 2020 to discuss the effectiveness of targeted monitoring of Caribou movement around mine facilities. By the end of 2019, 31 collars remained active, which provides excellent data for monitoring Baker Lake herds in 2019. Another deployment planned for April 2020 may be affected by the Covid-19 crisis.

In 2019, one Wolverine was euthanized under authorization of the GN Conservation Officer; however, the threshold level for mine site or road-related mortalities for Predatory Mammals (i.e., Grizzly Bear Wolverine and Wolf) of two [2] individuals) was not exceeded. Grizzly Bears were observed near mine facilities in 2019 but no deterrence was required. Numerous closures of the AWAR and Whale Tail Haul Road were required in 2019 to permit safe passage of migrating Caribou, and no road or mine-related mortality of Caribou occurred.

Six active Peregrine Falcon nests were observed and monitored at quarry sites along the AWAR in 2019, with successful nesting confirmed at one nest. Raptor nests were also monitored along the Whale Tail Haul Road and in the vicinity of the Whale Tail Pit in 2019 but no nests were affected by project activities or required detailed management plans. Bird studies in the flooding zone at Whale Tail by Trent University researchers found that visual deterrents were not successful in preventing birds from nesting. A small number of nests (i.e., 6) of three species were inundated by rising waters during flooding activities.

Monitoring programs will continue to evolve throughout the life of the mine, contingent on data quality objectives and the need for adaptive management strategy implementation and subsequent effectiveness monitoring. Adjustments to the intensity and frequency of monitoring, and the extent of analyses will vary between years depending on observed trends to date, data gap analysis, and determinations of effect.

Table 17.1: Potential Project Effects, Thresholds, and Results of Monitoring in 2019.

Potential Effect	Thresholds	Monitoring Methods	Frequency	Completed in 2019	Threshold Exceeded (2019)
Vegetation (Wildlife Habitat)					
Habitat Loss (Compared to Permitted Areas)	Meadowbank = 1,532 ha AWAR = 348 ha Whale Tail = 1,473 ha Threshold is >5% habitat loss of permitted area	Ground Surveys; Mapping and GIS analyses – ELC habitat mapping	Every three years	NO	**NA**
Habitat Reclamation following Mine Closure	NA	Ground Surveys; Mapping and GIS analyses – ELC habitat mapping	Every three years to 11 years post-closure	NO	**NA**
Ungulates					
Habitat Loss and Degradation (Compared to Permitted Areas)	Meadowbank Growing = 531 ha Winter = 407 ha Whale Tail Growing = 76 ha Winter = 602 ha	Ground Surveys; Mapping and GIS analyses – ELC habitat mapping	Every three years	NO	**NA**
Sensory Disturbance	No threshold but Decisions Trees followed when Caribou are seen near mine facilities	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys; Satellite-collaring data; HOL surveys; Daily and weekly pit and mine-site ground surveys; Incidental wildlife reporting; Motion sensing cameras	Daily / weekly	YES	**NA**
Project-related Mortality - Vehicle Collisions	2 individuals (cumulative across mine)	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys; Daily and weekly pit and mine-site ground surveys; Collision reporting system	Mine site – daily AWAR and haul roads – up to every two days at peak migration	YES	**NO**

Table 17.1: Continued.

Potential Effect	Thresholds	Monitoring Methods	Frequency	Completed in 2019	Threshold Exceeded (2019)
Hunting by Baker Lake Residents	20% Change in Harvest Patterns in RSA from Historic	Hunter Harvest Study	Yearly	YES	**NO.** Harvest rates in RSA below baseline levels
Other Mine-related Mortality	2 individual (cumulative across mine)	Daily and weekly pit and mine-site ground surveys; Collision reporting system	Daily	YES	**NO**
Predatory Mammals					
Disturbance to denning predators	1 den failure	Den site surveys	As required	Not required	**NO**
Project-related Mortality	2 individuals (cumulative across mine)	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys; Daily and weekly pit and mine-site ground surveys; Collision reporting system	Mine site – daily AWAR and haul roads – up to every two days at peak migration	YES	**NO.** One (1) Wolverine dispatched in 2019
Raptors					
Disturbance of Nesting Raptors	1 Nest Failure	Daily and weekly pit and mine-site ground surveys; Incidental wildlife reporting; Dedicated raptor nest surveys; AWAR, Vault Haul Road, and Whale Tail Haul Road surveys	Nests within 200 m - daily Nests from 200 to 1000 m - weekly	YES	**NO**
Project-related Mortality	1 individual (cumulative across mine)	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys; Daily and weekly pit and mine-site ground surveys; Collision reporting system	Mine site – daily AWAR and haul roads – up to every two days at peak migration	YES	**NO**

Table 17.1: Continued.

Potential Effect	Thresholds	Monitoring Methods	Frequency	Completed in 2019	Threshold Exceeded (2019)
Waterbirds					
Disturbance of Nesting Waterfowl	1 Nest Failure	Daily and weekly pit and mine-site ground surveys; Waterbird nest surveys	Yearly - for active nests within 200 m	YES	**NO**
Project-related Mortality	1 individual (cumulative across mine)	AWAR, Vault Haul Road, and Whale Tail Haul Road surveys; Collision reporting system	Mine site – daily AWAR and haul roads – up to every two days at peak migration	YES	**NO**
Other Breeding Birds					
Changes in Breeding Bird Populations	20% Change from Natural	Breeding Bird PRISM Plots and Transects	PRISM – every three years Transects - suspended	NO	**NA**

SECTION 18 • LITERATURE CITED

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APPENDIX A

2019 Road Survey Forms – Meadowbank AWAR and Vault Haul Road

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 04, 2019 **Time Started:** 09:00 **Time Ended:** 15:00

Temperature: -28°C **Wind Speed:** 20km/h **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: V. Watchorn, I. Couture

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
13:00	ArHa	1	Bridge	hop	—	E	50m	73	14W	626712	7196558

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 11 2019 **Time Started:** 09:00 **Time Ended:** 18:30

Temperature: -35°C **Wind Speed:** 33 km/h **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: Vutatuaq, NS, KN

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
11:29	M.O.	10	Tundra	Rest	—	E	200m	93	14W	632019	7212443
15:14	Raven	1	Bridge #1	Perch, Fly	Variable	—	—	8	14W	643946	7142836
17:50	Hare	3	Tundra	Running	west	W	5	80	—	—	—

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 15, 2019 **Time Started:** 09:00 **Time Ended:**

Temperature: -31°C **Wind Speed:** 46 km/h **Wind Direction:** WNW

Visibility (check): ☐ 100m ☑ 500m ☐ 1 km **Precipitation:** Clear

Field Team: V. Atatrag, Passenger Van

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
				NO WILDLIFE SIGHTED							

AGNICO EAGLE

4WAOR

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 18, 2019 **Time Started:** 09:00 **Time Ended:** 15:00

Temperature: -37°C **Wind Speed:** 43 km/h **Wind Direction:** NNW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: √. Utatnaq,

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
				NO WILDLIFE SIGHTED							

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 22, 2019 **Time Started:** 09:00 **Time Ended:** 16:15

Temperature: -37°C **Wind Speed:** 18 km/h **Wind Direction:** NNW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: R. Mathews, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
11:20	M.O.	8	Int.	5 X-ing Road	—	E	500m	91	14W	630286	7209254

AGNICO EAGLE

AWAR

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 25 2019 **Time Started:** 09:00 **Time Ended:** 16:30

Temperature: -40°C **Wind Speed:** 32km/h **Wind Direction:** NNW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: V. Utatnang, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
11:04	M.O.	10	Hill Top	stnd Rest	—	E	200m	91	14W		
15:43	Arlq	2	NT	Sit	—	E	50m	26	14W	636296	7155032

AGNICO EAGLE

VAULT

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 25, 2019 **Time Started:** 13:00 **Time Ended:** 13:30

Temperature: -40° **Wind Speed:** 32km/h **Wind Direction:** NNW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: Viviatan, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			1X0 WOLF SIGHTED								

AWAR

...a Wildlife Survey Field Sheet

...e systematic monitoring of the access; it is important all fields in the table below are completed

...uly 29, 2019 **Time Started:** [illegible] **Time Ended:** 16:15

Temperature: -40°C **Wind Speed:** 36 K-h **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: Ulutatmag, J. Katalak

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
11:10	M.O.	15	HF.	Stand rest	—	E	450m	90	14W	631318	7269410
14:39	ArFo	1	HF.	walk	W	W	100m	55	14W	629116	7/8/6124
15:01	Ptarm.	3	Alpine	Fly	S	—	—	46		622856	7/72746

VAULT

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: January 29, 2019 **Time Started:** 12:30 **Time Ended:** 13:14

Temperature: -40°C **Wind Speed:** 36 km/h **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: V. Utsatsaq, J. Kotelik

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO WILDLIFE SIGHTED								

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 01, 2019 **Time Started:** 9:00 **Time Ended:** 15:30

Temperature: -40° **Wind Speed:** 35km/h **Wind Direction:** NW

Visibility (check): ☐ 100m ☒ 500m ☒ 1 km **Precipitation:**

Field Team: V. Utetmeg, Nicholas Sqweier

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
15:08	Raven	15	Bridge 1	perch, fly	—	—	—	8	14W	643780	7143365

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019-02-09 **Time Started:** 11:10 **Time Ended:** 13:10

Temperature: -27.8 **Wind Speed:** 16 kph **Wind Direction:** NW.

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: Kathleen N. Tom T.

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
12:50	Muskox	20		Resting	—	Est	100	90	—	—	—
13:00	Muskox	25		grazing	—	West	1 km	93	—	—	—

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 15 2019 **Time Started:** 09:00 **Time Ended:** 16:30

Temperature: -24°C **Wind Speed:** 3 km/h **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: V. Uttatnaq, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
10:57	M.O.	15	Hill Top	Rest	—	E	200m		14W	631034	7216802
15:56	Ar Fo	1	HT	Scavenge	—	W	100m	24	14W	637738	7156724

AGNICO EAGLE

VAULT

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 15 2019 **Time Started:** 13:00 **Time Ended:** 13:33

Temperature: -24°C **Wind Speed:** 3km/h **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: V. Ittatnaq, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO WILDLIFE SIGHTED								

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 20, 2019 **Time Started:** 12:45 **Time Ended:** 15:45

Temperature: -34°C **Wind Speed:** 4km/h **Wind Direction:** SW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: V. Utatnaq, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO	WILDLIFE	SIGHTED						

Page 1 of 1

AGNICO EAGLE

Meadowbank AREA! VAULT, TAILINGS POND, Old expl. camp.

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 20 2019 **Time Started:** 09:00 **Time Ended:** 11:00

Temperature: -34°C **Wind Speed:** 4Km/h **Wind Direction:** SW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: V. Utatnay, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO WILDLIFE SIGHTED								

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 22, 2019 **Time Started:** 09:00 **Time Ended:** 15:25

Temperature: -35°C **Wind Speed:** 5Km/h **Wind Direction:** NNE

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** —

Field Team: V. Watnaq, I. Couture

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
13:43	ArFo	2	AWAR	scavenge	variable	E-W	AWAR	72	14W	426933	7194220

VAULT

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 22, 2019 **Time Started:** 12:30 **Time Ended:** 12:55

Temperature: -35 **Wind Speed:** 5 km/h **Wind Direction:** NNE

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:**

Field Team: V. Utatnaq, I. Couture

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO WILDLIFE SIGHTED								

Page 1 of 1

AWAR

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 26, 2019 **Time Started:** 09:00 **Time Ended:** 16:30

Temperature: -35°C **Wind Speed:** 8km/h **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** —

Field Team: Kittelmann, J. Kataluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
11:01	M.O.	17	HT	stand, rest	—	W	150m	92		630942	7210331

AGNICO EAGLE

VAULT

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 26, 2019 **Time Started:** 13:50 **Time Ended:** 13:29

Temperature: -35°C **Wind Speed:** 8 Km/h **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

Field Team: V. Utatnuq J. Katoluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
				NO WILDLIFE SIGHTED							

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) 05/03/19 Time Started 09:00 Time Ended _____ Page 1 of 1

Start Location (UTM) 15W 0356016 End Location 7.173 8.14 Observer Names: _____

Temperature: -26C Wind Speed (km/hr): 44 Wind Direction: NW Visibility (circle): 100m 500m 1km >1km Precipitation: —

V. Utatnam, Nick

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
13:48	Arctic	1	[illegible]	[illegible]	—	50m	S	73	14W	626794	7195678	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AWAR

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) March 08 2019 **Time Started** 09:00 **Time Ended** 15:00 **Page** 1 **of** 1

Start Location (UTM) 356027 / 7155758 **End Location** 356027 / 7155758 **Observer Names:** V. Whitney,

Temperature: -31°C **Wind Speed (km/hr):** 4 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
11:05	M.O.	15	HT	Rest	—	W	150m	90	14W	631285	7206736	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AWAR

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) March 13, 2019 **Time Started** 09:00 **Time Ended** 14:45 **Page** 1 **of** 1

Start Location (UTM) 15W0356027/7135755 **End Location** 15W0356027/7135755 **Observer Names:** V. Utatnaq, M. Kreelak

Temperature: -18° **Wind Speed (km/hr):** 19 **Wind Direction:** ENE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
9:40	RaTa	6	HT	walk	S	400m	W	65	14W	626689	7196565	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AWAR

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) March 15 2019 Time Started 09:00 Time Ended 14:00 Page 1 of 1

Start Location (UTM) 15W0356027/7135958 End Location 15W0356027/7135958 Observer Names: V. Utatnaq

Temperature: -27°C Wind Speed (km/hr): 40 Wind Direction: NNW Visibility (circle): 100m 500m 1km >1km Precipitation: —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
13:50	Raven	1	Bridge	Perch	Variable	—	—	23	14W	638085	7155850	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AWAR

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) March 19 2019 Time Started 09:00 Time Ended 15:30 Page 1 of 1

Start Location (UTM) 15W0356027/7135788 End Location 15W0356024/7135758 Observer Names: V. Utatnang, K. Martin

Temperature: -16°C Wind Speed (km/hr): 21 Wind Direction: NE Visibility (circle): 100m 500m 1km ~~>1km~~ Precipitation: —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
1301	Musk Ox	3	AT	Rest	—	400m	W	93	14W	6325 94	7213120	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 29/03/19 **Time Started** 09:00 **Time Ended** 15:30 **Page** 1 **of** 1

Start Location (UTM) 15W035602 7135758 **End Location** 15W035602 7135758 **Observer Names:** V. Utotnaq, N. Saucier

Temperature: -29°C **Wind Speed (km/hr):** 40 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:25	M.O.	21		HT	Rest	—	150	W	94	14W	631619	7212341	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 02/04/19 **Time Started** 09:00 **Time Ended** 15:30 **Page** 1 **of** 1

Start Location (UTM) 15W0356027/7135758 **End Location** 15W0356022/7135758 **Observer Names:** V. Utatnaq, I. Couture

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:16	Rata	25		HT	Fo	—	400m	W	53	14W	624933	7177250	
10:41	Rata	11		HT	Walk	N	300m	W	71	14W	627105	7193544	
11:09	M-O.	30		HT	Stationary	—	150m	—	95	14W	632679	7213227	
13:39	FH	1		AWAR	Sit	—	—	W	62	14W	626254	7186330	
14:09	Rata	33		WK	Walk	S	40m	W	52	14W	6225109	7176307	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 02/04/19 **Time Started** 12:30 **Time Ended** 12:45 **Page** 1 **of** 1

Start Location (UTM) 14W0638987/7205377 **End Location** 14W0640781/7219447 **Observer Names:** V. Uttatnaq, I. Couture

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO WILDLIFE SIGHTED										

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 2019-04-02 **Time Started** 1:23 PM **Time Ended** 1:32 PM **Page** 1 **of** 1

Start Location (UTM) Portage pit **End Location** Amaruq Road **Observer Names:** Jo.A / Kathleen

Temperature: -20.2 **Wind Speed (km/hr):** 16.6 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

NO WILDLIFE

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 05/04/19 **Time Started** 09:00 **Time Ended** 18:10 **Page** 1 **of** 1

Start Location (UTM) 15W0356027/7135758 **End Location** 15W0356027/7135758 **Observer Names:** V. Hutton, T. Newberry

Temperature: -26° **Wind Speed (km/hr):** 21 **Wind Direction:** ESE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** 30% chance

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:44	RaTa	50	-	HT	walk	N	300m	W	82	14W	627638	7202430	
11:00	M.O.	24	-	HT	Rest	—	200m	W	94	14W	631332	7212163	
12:43	ArFO	1	-	HT	Walk	SE	AWAR	AWAR	101	14W	634829	7217910	
13:00	M.O.	5	-	HT	Rest	—	250m	E	97	14W	633357	7214468	
13:42	RaTa	57	-	HT	Fo, walk	NW	1.5km	W	70	14W	627331	7192695	
16:50	Caribou	15	-	HT	walk	N	600m	W	45	14W	-	-	No GPS
17:00	Caribou	35	-	HT	Rest	N	1 km	W	53	14W	-	-	No GPS
17:26	Caribou	25	-	HT	walk	N	150 m	W	69	14W	-	-	No GPS

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 06/04/2019 **Time Started** 12:45 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** KM 36 **Observer Names:** Nicolas / Kathleen

Temperature: -24.1 **Wind Speed (km/hr):** 11.3 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:15	muskox	6	-	HT	Rest	-	200	W	94	14W	0630993	7211323	
13:45	caribou	65	-	HT	FO-WS	-	250	W	76	14W	0625662	7198597	
14:25	fox	1	-	HT	walk	NE	-	E		14W	0625681	7180944	
14:56	caribou	27	-	HT	walk	N	800	W	40	14W	0629401	7169561	
16:48	muskox	18	-	HT	Rest	-	200	E	94	14W	0631495	7212317	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/04/2019 **Time Started** 7:10 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) 14W 0637977 7143556 **End Location** _____ **Observer Names:** Jamie K / Kathleen N

Temperature: -32 **Wind Speed (km/hr):** 2 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:23	Musk-ox	4	-	HT	FO	-	500	E	97	14W	0633374	7214456	
7:31	Musk-ox	17	-	LR	FO	-	500	E	93	14W	0630958	7211978	
7:33	Musk-ox	6	-	LR	FO	-	250	W	92	14W	0631076	7210949	
7:58	caribou	80~	-	HT	Walk	N	300	W	77	14W	0625834	7199224	steady paced non stop
8:15	caribou	60~	-	HT	FO	-	400	W	73	14W	0626790	7195584	Scattered all over the area from 450m to 1km from road
8:33	caribou	80~	-	HT	FO	-	1 km	W	67	14W	0626883	7190821	
8:38	caribou	80~	-	HT	walk	N	300	W	66	14W	0626863	7190043	
9:01	caribou	100~	-	HT	WS/FO	E	250	W	56	14W	0625806	7180696	
9:27	caribou	20~	-	HT	RE/FO	-	400	W	44	14W	0628644	7171601	
10:02	caribou	5	-	HT	walk	SE	100	W	18	14W	0639181	7154334	crossed road
10:25	ptarmigan	13	-	Snow	sitting	-	1	E	18	14W	0640401	7150945	
13:03	caribou	1	-	HT	walk	S	100	W	17	14W	0640185	7152187	
13:46	caribou	3	-	HT	FO	-	1km	W	42	14W	0629710	7169111	
14:30	caribou	185	-	HT	FO/RE	-	250m	W	68	14W	0627446	7191959	
14:40	caribou	90	-	HT	FO/WS	N	800	W	72	14W	0627004	7194074	

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NB

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/04/19 **Time Started** 7:10 **Time Ended** 16:00 **Page** 2 **of** 2

Start Location (UTM) _____ **End Location** Meadowbank **Observer Names:** Jamie K / Kathleen N

Temperature: -32 **Wind Speed (km/hr):** 2 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:53	caribou	70	-	HT	WS/FO	N	300m	W	74	14W	0626424	7197259	
15:17	caribou	89	-	HT	Re	-	400m	W	88	14W	0631309	7206949	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 08/04/19 **Time Started** 07:19 **Time Ended** 9:25 **Page** 1 **of** 1

Start Location (UTM) 14W 0637960 7214237 **End Location** 14W 0637960 7214237 **Observer Names:** Jamie K

Temperature: -19.7 **Wind Speed (km/hr):** 32.2 **Wind Direction:** SE **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:31	caribou	25	–	HT/LR	FO	–	200m	W	99	14W	0634019	7216074	
7:38	caribou	64	–	HT	FO	–	200m	W	97	14W	0632942	7213877	
7:42	caribou	29	–	HT	FO	–	200m	W	96	14W	0632772	7213361	
7:49	musk ox	6	–	HT	FO	–	100m	W	91	14W	0630983	7210615	
8:00	caribou	62	–	HT	FO	–	250m	W	8	14W	0629901	7205813	
8:31	caribou	81	–	HT	WS	N	400m	W	70	14W	0627362	7192606	
8:35	caribou	73	–	HT	FO	–	600m	W	71	14W	0627200	7193563	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 2019-04-08 **Time Started** 8:30 **Time Ended** 9:40 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Km 126 **Observer Names:** Kevin M. kathleen N.

Temperature: -19.7 **Wind Speed (km/hr):** 32.2 **Wind Direction:** SE **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:35	Caribou	80	unknown	LR	FO	NA	500	west	112				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-08 **Time Started** 14:09 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) _____ **End Location** 14W 0626328 7188926 **Observer Names:** Jamie K / Martin G

Temperature: _____ **Wind Speed (km/hr):** 30 **Wind Direction:** S **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:25	caribou	240	-	HT	FO	-	150m	W	97	14W	0633389	7214453	
14:34	caribou	25	-	HT	RE	-	300m	W	95	14W	0632442	7212857	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-09 **Time Started** 8:50 **Time Ended** 11:50 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** KM 63 **Observer Names:** Nicolas kathleen

Temperature: -15.1 **Wind Speed (km/hr):** 31.3 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:04	musk-ox	15	-	HT	Rest	—	500	W	96	14W	0632770	7213373	
9.15	musk-ox	6	M	ICE	ST-FIG	-	250	W	92	14W	0630901	7209905	
9:47	caribou	60	-	HT	FO	-	600	W	73	14W	0626789	7195425	
10:07	caribou	100	-	HT	WS	N	400	W	70	14W	0627340	7192650	
10:12	A.H	2	-	DI	W	-	0	W	69				Bridge
10:17	caribou	2	-	HT	watch	-	700	W	68	14W	0626877	7191130	
10:27	caribou	20	-	HT	FO/WS	N	700	W	65	14W	0626327	7188291	
10:32	caribou	17	-	HT	FO	-	800	W	64	14W	0626426	7187374	
11:17	caribou	233	-	HT	Walk	N	350	W	92	14W	0630971	7210498	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 09/04/19 **Time Started** 09:00 **Time Ended** 16:30 **Page** 1 **of** 1

Start Location (UTM) 356028/7135758 **End Location** 356027/7135758 **Observer Names:** V. Utatnaq, J. Kataluk

Temperature: -14 **Wind Speed (km/hr):** 30 **Wind Direction:** S **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:02	ArFo	2		HT	at dead ARNA	W	50m	W	49	14W	625430	7174626	
10:08	RaTa	12		HT	ST. FO	S	250	W	35	14W	625369	7174503	
13:31	RaTa	5		Lake	ST, WK	S	1.5K	W	98	14W	633798	7215025	
13:35	M.O	30		HT	Rest	—	"	W	96	14W	632833	7213466	
13:39	RaT	43		HT	FO	—	1 Km	W	94	14W	631546	7212707	
13:45	M O	2		Hill	ST W	—	"	W	92	14W	630915	7209547	
14:13	RaTa	100		HT	FO, WK	NW	1 Km	W	76	14W	625711	7198449	
14:23	RaTa	1000		HT	FO	N	2Km	W	71	14W	627002	7194069	
14:36	RaTa	65		HT	FO WK	NX	1.5Km	W	64	14W	626464	7187815	
15:00	RaTa	41		HT	WK	N	1.5km	W	53	14W	625232	7175900	
15:05	RaTa	135		HT	WK	N	1.5km	W	52	14W	624970	7176896	
15:34	RaTa	97		HT	FO	—	1 Km	W	38	14W	630365	7165803	
7:56	caribou	76		HT	WS	S	150m	W					
8:10	caribou	34		HT	WS	S	200m	W					

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 10/~~NOV~~ APR/ 19 **Time Started** 4:45 PM **Time Ended** 7:00 PM **Page** ____ **of** ____

Start Location (UTM) Bukes Location **End Location** Meadowbank **Observer Names:** Jonathan Pain

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

PM - Afternoon

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:06	Caribou	20	Mix		~~WS~~	N	100	W	16				
5:07	" "	12	Mix		WS	N	700	W	19				
5:13	" "	24	Mix		~~RE~~		600	W	25				
5:26	" "	3	F C		WQ	NW	<100	W	33				
5:52	" "	50	Mix		MI	~~N~~ N/A	>500	W	49				
6:09	" "	30	Mix		MI		2000	W	65				
6:16	" "	12	Mix		WS	N	100	W	70				
6:17	" "	11	Mix		WS	N	300	W	71				
6:17	" "	300	Mix		WS	N	300	W	71				
6:21	" "	50	Mix		FO		200	W	74				
6:22	" "	200	Mix		WS	N	<100	W	75				
6:26	" "	50	Mix		MI	—	<100	W	76				
6:34	" "	12	Mix		WS	N	400	W	78				
6:36	" "	500	~~Mix~~		MI		>200	W	79				
6:47	" "	700	Mix		RE		400	W	37				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 10/Apr/19 **Time Started** _____ **Time Ended** _____ **Page** 2 **of** 2

Start Location (UTM) Baker Lake **End Location** Meadowbank **Observer Names:** Jonathan Pawaki

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
PM Afternoon 6:53	Caribou	30	M/A		MI	N/A	4000		92				
6:54	Caribou	70			FE	E	1000		94				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

NOTE: Spent all morning watching a head close to the road (near beginning / Amaruq)

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 2019-04-10 **Time Started** 8:40 **Time Ended** 1148 **Page** ____ **of** ____

Start Location (UTM) Vault **End Location** Vault laydown **Observer Names:** Martin G. Kathleen

Temperature: -13 **Wind Speed (km/hr):** 10 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** N/L

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:50	caribou	65	F-Y	HT	FO	-	250	W	112	14W	0640622	7217337	
9:00	caribou	40	F-Y	HT	FO, RU(1)	-	75-100	W	115	14W	0640122	7220250	see note
9:12	caribou	100	F-Y	HT	FO	-	150	W	116	14W	0640054	7220641	
9:22	caribou	35	F-Y	HT	WS, RU		250	W	117	14W			
9:40	Hare	2	?	DI	ST	NA	0	NA	116	14W	0640054	7220641	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

(1) 2 running when larger truck moved down road – others kept foraging

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 10/04/2019 **Time Started** 1313 **Time Ended** 1421 **Page** ___ **of** ___

Start Location (UTM) VAULT ROAD START **End Location** Km 116 **Observer Names:** Kathleen Newberry & Martin G

Temperature: -12 **Wind Speed (km/hr):** <10 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NIL

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1317	Caribou	2	F	HT	FO	NA	125	W	112	14W	0640648	7217356	
1328	Caribou	200	F+Y	HT	RE	NA	50	W	116	14W	0640032	7220695	
1346	Caribou	9	F	HT	FO	N	125	W	115	14W	0640159	7220214	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 11/04/2019 **Time Started** 5 AM **Time Ended** 7:30 AM **Page** ____ **of** ____

Start Location (UTM) Meadowbank **End Location** Baker Lake **Observer Names:** Jonathan Pamerleau

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
AM	5:26	Caribou	45	M+F		FO	None	50	W	95				
AM	5:39	Caribou	2000	M+F		MI	N	400	W	~~39~~				
AM	5:45	Caribou	10000	M+F			W	500	W	~~35~~	37			
			~~10000~~				~~N~~	~~1000~~	~~W~~	~~30~~				
AM	5:56	Caribou	10000	M+F		WQ	N	<100	W	30				
AM	6:11	Caribou	20	M+F		MI	N	>500	W	75				
AM	6:28	Caribou	40	M+F		MI	N	7500	W	63				
AM	6:40	Caribou	100	M+F		MI	E	7500	E	50				
			~~20~~				4			~~#~~				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 2019-04-11 **Time Started** 5:10 **Time Ended** ~~XXXXX~~ **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** Vault Laydown **Observer Names:** Kathleen

Temperature: -13 **Wind Speed (km/hr):** 4 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** –

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:25	caribou	100	-	HT	FO, RE	-	100	W	115	14W	0640406	7219953	NorthBound
7:48	caribou	180	-	HT	FO, W	E	150	E	113	14W	0359200	7218633	SouthBound

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

caribou crossed the road at km 113 → 14W 0359123 7218122

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 12/04/19 **Time Started** 09:00 **Time Ended** 16:15 **Page** 1 **of** 2

Start Location (UTM) 15W356027/7135758 **End Location** 15W356027/7135758 **Observer Names:** V. Utatnaq, J. Kaktovik

Temperature: -10 **Wind Speed (km/hr):** 5km **Wind Direction:** SSW **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** Fog Patches

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:37	RaTa	>10		HT	Mingle	—	250	W	66	14W	626744	7189773	Fog
10:47	"	>50		"	"	—	250	W	75	"	626832	7195189	Fog
11:13	"	>40		"	"	—	300m	W	89	"	631122	7208208	Fog
11:44	"	47		"	Walk	N	250	W	90	"	630909	7209631	
11:27	RaTa	>50		"	"	N	"	W	100	"	634265	7217223	
13:09	RaTa	19		"	"	"	"	W	96	"	629207	7213783	
13:34	RaTa	32		"	"	N	900m	W	84	"	627408	7203934	
13:36	RaTa	49		"	"	N	250	W	83	"	626955	7207480	
13:52	RaTa	132		"	"	N	300m	W	73	"	626501	7195794	
14:00	RaTa	23		"	walk	N	250	W	71	"	627010	7194059	
14:04	"	24		"	"	"	650	W	69	"	627491	7192072	
14:12	"	44		"	"	"	500	W	66	"	627491	7192072	
14:27	"	54		"	Run	"	"	W	61	"	626036	7185148	
14:42	"	9		"	Walk	"	200	W	53	"	625206	7178236	
15:26	"	56		"	"	"	"	W	29	"	635267	7160855	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) 12/04/19 Time Started 09:00 Time Ended 16:15 Page 2 of 2

Start Location (UTM) See Pg. 1 End Location See Pg. 1 Observer Names: V. Watson, J. Katsiluk

Temperature: -10 Wind Speed (km/hr): 5 km Wind Direction: SSW Visibility (circle): 100m 500m 1km >1km Precipitation: Fog & Flurries

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
15:41	RaTa	3 I	ridge	walk	N/	300	W	22	14W	639334	7154087	
15:58	RaTa	60	"	"	"		W	11	14W	643466	7145408	
16:00	ArHG	2	ridge	Hop	variable	10	E	9	14W	642792	7143375	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 2019-04-12 **Time Started** 5:10 **Time Ended** 5:25 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** Vault laydown **Observer Names:** Kathleen

Temperature: -8.6 **Wind Speed (km/hr):** 2.7 **Wind Direction:** SE **Visibility (circle):** (100m) 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

No WILDLIFE very poor visibility

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 13/04/19 **Time Started** 6:30 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) 14W [illegible] 7140[illegible] **End Location** _____ **Observer Names:** Jamie K

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:05	caribou	123	—	HT	WS	N	75m	W		14W	0634336	7217641	
6:49	caribou	65	—	HT	WS	S	250m	N	18	14W	0646452	7150894	
7:13	caribou	47	—	HT	WS	N	125m	W	27	14W	0636141	7159458	turned south bound
7:34	caribou	14	—	HT	WS	S	1km	W	35	14W	0632110	7163719	
9:27	caribou	94	—	HT	FO	—	80m	W	55	14W	0630120	7163499	
9:35	caribou	52	—	HT	WS	N	300m	W	66	14W	0626459	7169100	
9:55	caribou	32	—	HT	WS/FO	N	200m	W	77	14W	0625933	7199389	
9:13	caribou	12	—	HT	WS	N	200m	W	89	14W	0623320	7207447	
9:30	caribou	17	—	HT	RE/FO	—	150m	E	101	14W	0623519	7217809	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-13 **Time Started** 7:12 **Time Ended** 8:35 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** KM 86 **Observer Names:** Kathleen

Temperature: -6.5 **Wind Speed (km/hr):** 19.1 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:25	caribou	20	-	HT	FO	-	400	E	100	14W	0634280	7216950	
7:32	caribou	50	-	HT	FO	N	300	W	98	14W	0633598	7214759	
7:46	muskox	6	-	HT	FO	-	500	W	93	14W	0630999	7211322	
7:48	caribou	8	-	HT	WS	N	500	W	91	14W	0630926	7210200	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/04/2019 **Time Started** 12:30 **Time Ended** 17:00 **Page** ____ **of** ____

Start Location (UTM) Meadowbank **End Location** 14W 76 **Observer Names:** Jonathan Pauze

Temperature: -7 **Wind Speed (km/hr):** 17 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:53	Caribou	50	M+F		WS	N	3	W	92				
13:06	Caribou	110	M+F		FO	—	700	—	82				
13:09	Caribou	11	M+F		WS	N	700	N	81				
13:12	Caribou	11	Mix		WS	N	400	N	79				
13:46	Caribou	64	M+F		FO	N	300	N	77				
	~~												
	North Trip												
16:04 ~~15:40~~	~~Bt~~ Caribou	17	Mix		WQ	E	On Road	W→E	81				Cross Rd.
	~~27~~ Caribou	70	M+F		FO	N/A	>1km	—	80				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/04/19 **Time Started** 6:25 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Tamie K

Temperature: -7 **Wind Speed (km/hr):** 17 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:02	caribou	41	-	HT	WS/FO	N	200m	W	27				
7:05	caribou	27	-	HT	WS	N	300m	W	28				
7:20	caribou	42	-	HT	WS	N/S	200m	W	36				split into 2 groups
7:20	caribou	31	-	HT	WS	E	1km	W	36				met group of caribou
7:34	caribou	93	-	HT	WS/FO	N	400m	W	38				scattered between 38 and 39
7:42	caribou	75	-	HT	FO	-	300m	W	41				
8:05	caribou	54	-	HT	FO	-	120m	W	52				
8:19	caribou	81	-	HT	FO	-	100m	W	57				
11:00	caribou	14	-	HT	WS	N	175m	W	63				
11:03	caribou	23+80	-	HT	WS	N	200m	W	65				observed more once on top of h
11:20	caribou	~200	-	HT	WS	E	-	E	67				crossed the road
11:59	caribou	23	-	HT	WS	E	80m	E	72				
12:01	caribou	22	-	HT	FO	-	80m	W	72				
17:06	caribou	69	-	HT	RE/FO	-	1.5km	W	72				
13:01	caribou	3+6+1	-	HT	RE/FO	-	300m	W	75				began walking south, more toward km 76, 77

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14-04-2019 **Time Started** 5:15 **Time Ended** 7:35 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** KM 77 **Observer Names:** Kathleen.

Temperature: -8.4 **Wind Speed (km/hr):** 20.3 **Wind Direction:** NE **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** -

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:25	muskox	6	-	HT	ST	-	100	E	102				
5:54	caribou	60	-	HT	FO, WS	NW	400	W	88				
6:10	caribou	8	-	HT	FO	-	600	E	85				
6:16	caribou	20	-	HT	WS, RU	N	600	W	83				
6:30	caribou	200	-	HT	FO	N	0-50	W	77				
7:21	fox	1	-	HT	RU	E	crossed	E	100				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 14/04/2019 **Time Started** 5:00 **Time Ended** 5:30 **Page** 1 **of** 1

Start Location (UTM) Camp **End Location** vault laydown **Observer Names:** Jon Ten

Temperature: -14 **Wind Speed (km/hr):** 0 **Wind Direction:** N/A **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Nil

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

NO Caribou
NO other wildlife

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 15/04/2019 Time Started 2:30 Time Ended 4:00 Page 1 of 1

Start Location (UTM) Meadowbank End Location Vault Observer Names: Jonathan Pameshue

Temperature: -17 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: Nun

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:00	Caribou	200	M?		WQ	E	700	W	111				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Caribou looked like they were going to cross Vault BUT They Turned Back West on the Hill.

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 16-04-2019 **Time Started** 5:30 **Time Ended** 7:00 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** KM 92 **Observer Names:** Kathleen

Temperature: -17.7 **Wind Speed (km/hr):** 27.8 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:45	caribou	150	-	HT/ICE	W, FO	N	150	W	102				
5:59	caribou	50	-	HT	RE, FO	-	300	W	97				
6:13	caribou	30	-	HT	AL-WS	S, E	25	W	93		Crossed Road		(8)
6:38	caribou	70	-	HT	AL-FO	-	20	W	92				
6:38	muskox	5	-	HT	RE	-	800	W	92				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AWAR

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) 16/04/19 Time Started 09:05 Time Ended 15:09 Page 1 of 1

Start Location (UTM) 14W 626027/7135755 End Location 14W 626866/7190045 Observer Names: V. Watatmaq, J. Kateluk

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: _____

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
9:21	RaTa	50	HT			700m	W	7	14W	644318	7141885	
9:56	Ptarmigan	10	AWAR	Fly	N	AWAR	AWAR	32	14W	633966	7163445	
10:08	RaTa	25	HT	walk	S	500m	W	41	"	630028	7168914	
10:13	RaTa	200	HT	walk	S	1km	W	44	"	628880	7171271	
10:30	RaTa	6	"	walk	S	500m	W	52	"	625209	7175940	
10:34	RaTa	3	"	"	"	"	"	53	"	625169	7175201	
10:42	RaTa	47	Lake	"	S	400m	W	58	"	625896	7181609	
10:53	RaTa	15	HT	"	"	>1km	W	63	"	626235	7186505	
10:52	RaTa	48	HT	Stand	N		W	65	"	626455	7187824	scattered
12:24	RaTa	700	HT	FO	—	1km	1km	66	"	626866	7190045	scattered

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 16/04/19 **Time Started** 5:15 Am **Time Ended** 5:30 **Page** 1 **of** ____

Start Location (UTM) MBK **End Location** Vault **Observer Names:** Jonathan Pereira

Temperature: -22 **Wind Speed (km/hr):** / **Wind Direction:** / **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
		1	Caribou			NE			Vault Road				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 17/04/2019 **Time Started** 5:00 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** Jonathan Parmer

Temperature: -16 **Wind Speed (km/hr):** 15 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:20	Caribou	60	M/F		FO	-	500	W	94				
5:24	Caribou	50	M/F		RE	-	300	W	93				
5:30	Caribou	20	M/F		RE	-	700	W	91				
		North Bound											
5:59	Caribou	40	M/F		WS	E	400	W	88				
6:16	Caribou	60	M/F		MI	N	>500	W	95				
6:26	Caribou	32	M/F		MI	E	200	W	EM				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 17/04/19 **Time Started** 09:00 **Time Ended** 20:30 **Page** 1 **of** 1

Start Location (UTM) 15W035602 7/7135758 **End Location** 15W0356027/7135758 **Observer Names:** V. Utatnaq J. Katak

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Flurries

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:08	RaTa	5		HT	Run	SW	250	W	5	14W	644777	7140484	
12:01	RaTa	60		HT	Walk	W	150	W	52	14W	625149	7126177	
12:09	RaTa	32		Lake	Walk	N	400m	W	57	14W	625884	7181729	
14:39	RaTa	100+		AWAR	Forest	S	AWAR	W-E	69	14W	627416	7191944	
14:46	RaTa	400+		HT	Walk	N	900m	W	74	14W	626691	7196538	Km 74-76
14:56	RaTa	101		HT	WALK	S	400m	W	81	14W	627637	7202478	
15:05	RaTa	17		HT	WALK	N	400	W	83	14W	626933	7203813	
15:13	"	6		"	WALK	S	400	W	88	14W	631326	7207016	
15:25	"	3		HILL	"	S	500	W	90	14W	631323	7212158	
19	"	205+		HT	Forage	N	200	W	61	14W	625294	7184139	61-59 km
19:01	"	20+		Ridge	Run	S	400	W	54	14W	625755	7178925	
19:20	"	9		HT	Walk	S	300	W	45	14W	627723	7177757	
19:51	"	40		HT	"	N	500	E	27	14W	636157	7159409	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 17-04-2019 **Time Started** 10:20 **Time Ended** 10:45 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** Vault laydown **Observer Names:** Kathleen/Jonathan

Temperature: -13 **Wind Speed (km/hr):** 19.2 **Wind Direction:** NW **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** Yes

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
				NO WILDLIFE									

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 18-04-2019 **Time Started** 8:30 **Time Ended** 9:05 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** Vault Laydown **Observer Names:** Kathleen

Temperature: -19.5 **Wind Speed (km/hr):** 7.7 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:47	caribou	100	-	HT	FO, W	N	200	W	117				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-19 **Time Started** 5h45 **Time Ended** 9h40 **Page** 1 **of** 1

Start Location (UTM) MbK **End Location** BL **Observer Names:** MA. IC.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6h25	Muskox	6		LR	ST	EAST	50	S	96	14W	0632841	7213484	
6h37	Caribou	4		LR	WS	WEST	300	S	93	14W	0631542	7217310	
7h05	Caribou	30			WS	WEST	1500	S	87	14W	0627344	7203933	
8h11	Caribou	17			FO	WEST	1500	S	46	14W	0627403	7172820	
8h15	Caribou	1		LR	WS	EST	100	S	45	14W	0628610	7178972	
8h27	Caribou	80		LR	ST	WEST	2000	S	37	14W	0628384	7165695	
8h32	Arctic Hare	3		HT	ST	EAST	1500	S	32	14W	0631793	7164369	
8h54	Caribou	7		HT	WQ	South	1500	S	22	14W	0639223	7154275	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 19/04/19 **Time Started** 09:05 **Time Ended** 17:30 **Page** 1 **of** 1

Start Location (UTM) KWR 2km #7 BR756 **End Location** _____ **Observer Names:** V. Watatani, I. Couture

Temperature: -19 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km ~~>1km~~ **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:04	RaTa	20		HT	FO (Stan)	—	2Km	W	85	14W	628664	7187514	
12:45	ArFo	1		HT	walk	E	2KS	E	66	14W	626722	7189701	
12:45	RaTe	9		HT	run	N	2 KM	W	66	14W	626722	7189701	
13:17	RaTa	5		HT	walk	N	400	W	83	14W	626967	7203481	
13:42	RaTe	16		HT	walk	N	300m	W	102	14W	634384	7217685	
15:51	RaTa	45		HT	walk	N	250	W	59	14W	625178	7185822	
16:36	RaTe	50		Lake	walk	N	800	W			630449	7165336	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-20 **Time Started** 9h20am **Time Ended** 1h00 pm **Page** 1 **of** 1

Start Location (UTM) MDK **End Location** BL **Observer Names:** Isabelle Couture

Temperature: -20 **Wind Speed (km/hr):** ≈ (15-34) **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:48	caribou	3		lake	WS	NW	800	W	93	14W	0639222	7154275	
9:45	caribou	25							94				
9:54	Caribou	100		lake	WS	NW	1500	W	92	14W	0630925	7210181	
10:15	"	15		LR	WS	NW	1000	W	81	14W	0627886	7203202	
10:27	"	49		LR	ST	NE	500m	E	77	14W	0626057	7199531	
10:40	"	30		LR	WS	NW	1500	W	72	14W	0626791	7195406	
10:48	"	60		LR	WS	NW	1000	W	71	14W	0627510	7192120	
11:00	"	20		LR	WS	NW	1500m	W	65	14W	0626507	7187727	
11:16	"	20		LR	WQ	W	800	W	56	14W	0625780	7180597	
11:20	"	26		LR	WQ	W	500	W	55	14W	0626180	7179530	
11:42	"	21		LR	WS	South	800	W	46	14W	0626815	7172940	
12:03	"	17		lake	WS	South	1500	W	35	14W	0631317	7166067	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-~~21~~ 21 **Time Started** 8h30 **Time Ended** 11h00 **Page** 1 **of** 1

Start Location (UTM) BL **End Location** MbK. **Observer Names:** MARTIN ARCHAMBAULT,

Temperature: -21 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
* 8h45	Caribou	29		HT	FO	NW	3000	N	53	14W	0625207	7178986	
* 9h10	Caribou	5		RC	WS	NW	1500	N	64	14W	0626180	7186668	
9h20	Caribou	5		RO	FO	NW	880	N	67	14W	0626916	7191421	
10h15	Caribou	30		LR	WS	W	1500	N	90	14W	0631044	7208925	
10h26	Caribou	87		RC	WS	W	2000	N	94	14W	0632692	7213257	
10h34	Caribou	60		WA	WS	N	3000	N	95	14W	0633975	7214069	
10h45	Caribou	43		WA	WS	N	4000	N	101		0634275	7217173	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-22 **Time Started** 7:45 **Time Ended** 11h50 **Page** 1 **of** 1

Start Location (UTM) MbK **End Location** BL **Observer Names:** Isabelle Couture

Temperature: ≈-18 **Wind Speed (km/hr):** ~~[illegible]~~ ≈10 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:02	Caribou	7			WS	Southeast	200	W	94	14W	0638093	7214138	
8:09		5			ST	south	500	W	93	14W	0630952	7211489	
8:13		10			WS	east. east	crossing road	East	92	14W	0631084	7211000	Crossing road
8:34		20			RE	east	800m	W	90	14W	0631092	7208338	
8:51		1			ST	east	500m	East	86	14W	0629728	7205080	
9:35		~~115~~ 120			FO	South-east Standing	1000m	W	63	14W	0626058	7185190	
9:58		17			WS	South W	800	W	62	14W	0625254	7178377	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 23/04/19 **Time Started** 08:00 **Time Ended** 16:30 **Page** 1 **of** 1

Start Location (UTM) 15W 356 07 7125 **End Location** 15W 356327 7135731 **Observer Names:** V. Utatnay, I. Couture

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:15	Caribou	2			sit	—	0	E	62	14W	627659	7146222	
11:25	Caribou	4		Disturbed	sit	—	10	W	69	14W	627517	7142166	
11:37	Caribou	5		HT	walk	N		W	74	14W	626356	7147069	
11:40	Caribou	55		"	walk	N	1km	W	76	"	625234	7145866	
11:50	Caribou	32		HT	walk	N	400	W	81	"	624656	7142373	
11:54	Caribou	8		"	"	"	"	W	87	"	620917	7140681	
14:49	Caribou	13		"	"	E	"	✓	66	"	626421	7142581	
16:00	Caribou	70		"	walk	S	350	W	19	"	640144	7152355	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 23/04/2019 Time Started 6:00 am Time Ended 9:30 am Page 1 of 1

Start Location (UTM) 14W 0637956 7214240 (Mbk) End Location Baker Lake Observer Names: Isabelle Couture

Temperature: ≈-20 Wind Speed (km/hr): 30km/h Wind Direction: East Visibility (circle): 100m 500m 1km (>1km) Precipitation: none.

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:10	Caribou	20			FO	South	125m	W	103	14W	0636433	7216791	[redacted]
6:24	Caribou	3			ST	North	300m	E	97	14W	0633252	7214349	
6:27	muskox.	4			FO	North	100m	W	98	14W	0632964	7214044	
6:40	caribou	35			FO	North	300m	W	89	14W	0631159	7208076	
7:12	caribou	28			FO	North	50m	W	71	14W	0626931	7194249	
7:16	Caribou	17			ST	North	300m	W	71	14W	0627229	7193482	
7:22	Caribou	25			FO	North	1500m	W	70	14W	0627369	7192566	
7:30	Caribou	100			FO	North	1500m	W	68	14W	0626887	7191187	
7:40	Caribou	10			WS	North.	1000m	W	67	14W	0626755	7189780	
7:48	ptarmigan	10			FL	East	25m	W	62	14W	0626285	7185986	
8:34	Caribou	50			WQ	South	1000m	W	31	14W	0634030	7162233	
9:00	Caribou	5			WS	South	800m	W	15	14W	0641541	7149580	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 24-04-2019 **Time Started** 14:15 **Time Ended** 18:00 **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N. Saucier, Gabriel

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** (100m) (500m) 1km >1km **Precipitation:** Snow ≈ blizzard

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:35	Caribou	32	–		Feeding	–	100	E	102				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 25-04-2019 **Time Started** 7:55 **Time Ended** 11:00 **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N. Saucier, Gabriel

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ϕ

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
	Caribou	63					300	W	34		06		
	caribou	08					200	W	38	14W	06 3058 11	7165099	
	Arctic Hare	15					50	E	46		0627071	7172860	
	Caribou	09					250	W	59		06 25242	7183400	
	Caribou	05					400	W	65		0626547	7189293	
	Caribou	20				S	200	W	78		0626345	7200018	
	Caribou	18			Resting		200	W	79		0627014	7201053	
	Caribou	08			Feeding		600	W	83		0627220	7203915	
	Caribou	50					400	W	94		0631493	7212266	
	Caribou	40					450	W	96		0632505	7212970	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 26-04-2019 **Time Started** 13:05 **Time Ended** 16:35 **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N. Saucier, Gabriel

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
	Caribou	02			Feeding		200	W	70		0627339	7192721	
	Caribou	15			Feeding		500	W	68		0626869	7191059	
	Caribou	18			Resting		600	W	61		0625603	7184211	
	Caribou	13			running South		100	W			0636219	7158678	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 27/04/2019 **Time Started** 12:30 **Time Ended** 15:45 **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** BL Gate house **Observer Names:** N. Saucier

Temperature: -18 **Wind Speed (km/hr):** ___ **Wind Direction:** ___ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 4

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:35	Caribou	60		HT	MI	—	300	W	101				
12:57	Caribou	57		WA	WS	N	300	W	92				
13:48	Snowy Owl	1		DL	AL	—	5	E	58	14W	0625302	7182693	
14:10	Caribou	230		HT	MI	—	80	W	50				
14:15	Caribou	70		HT	WS	N	250	W	49				
14:52	Caribou	5		HT	ST	—	100	W	36				
15:07	Caribou	20		TT	MI	—	350	W	25				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 28/04/2019 **Time Started** 6:10 **Time Ended** 11:00 **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** Baker Lake **Observer Names:** N. Saucier

Temperature: -20 **Wind Speed (km/hr):** ___ **Wind Direction:** ___ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ___

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:35	Hare	1		RO	WS	—	20	E	97				
9:15	Caribou	80		HT	RE	S	400	W	37				
9:20	Caribou	200		HT	WS	N	400	W	30				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 2019-04-29 **Time Started** 5hrs **Time Ended** _____ **Page** ___ **of** ___

Start Location (UTM) _____ **End Location** _____ **Observer Names:** M. Archambault

Temperature: -24 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6hrs	Caribou	25		HT	FO	W	50	W					
	"	19		HT	RE	W	100	W					
	"	27		HT	FO	W	300	W					Layd down
		30		HT	RE/FO	W	100	W	121	-			
		18		LR	FO	W	100	W					
		600		LR	FO	W	150	W					
Bhrs		150		LR	FO/RE	W	200	E/W					

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-29 **Time Started** 5hrs **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Lower **End Location** _____ **Observer Names:** M. Archambault

Temperature: -24 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5hrs	Caribou	25		HT	FO	N	50	W					
	"	19		HT	RE	N	100	W					
	"	27		HT	FO	N	300	W					
		30		HT	RE/FO	N	100	W	121	-			Laydown
		18		LR	FO	N	100	W					
		60		LR	FO	N	150	W					
Bhrs		150		LR	FO/RE	N	2000	E/W					

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 30/04/19 **Time Started** 13:45 **Time Ended** 17:30 **Page** ____ **of** ____

Start Location (UTM) MBK **End Location** BL **Observer Names:** Yutatnaz, G. Sobelo, N.S.

Temperature: -13 **Wind Speed (km/hr):** 70 **Wind Direction:** E **Visibility (circle):** (100m) (500m) 1km >1km **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:26	Caribou	45		HT	walk	W	300	W	86		629901	7205809	
14:41	"	10		HT	stand	—	450	W	81		627653	7202264	
14:45	"	35		HT	walk	S	450	W	79		627324	7201636	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 30/04/19 **Time Started** 13:45 **Time Ended** 17:30 **Page** ____ **of** ____

Start Location (UTM) MBK **End Location** BL **Observer Names:** Vutatnaz, G. Jodoin, N.S.

Temperature: -13 **Wind Speed (km/hr):** 70 **Wind Direction:** E **Visibility (circle):** (100m) (500m) 1km >1km **Precipitation:** Blowing snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:26	Caribou	45		HT	walk	W	300	W	86		629901	7205809	
14:41	"	10		HT	stand	—	450	W	81		627653	7202264	
14:45	"	35		HT	walk	S	450	W	79		627374	7201636	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 01/05/2019 **Time Started** 9:00 **Time Ended** 14:00 **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N. Saucier

Temperature: -8 **Wind Speed (km/hr):** 50 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
	Arctic Hare	42			Feeding		20	W	23		06[illegible]32	71[illegible]67	
	caribou	25			WW	N	250	W	36		0631087	7164627	
	" "	25			FST		200	W	65		0626420	7187340	
	caribou	05			WS	N	150	W	72		0626038	7185288	
	caribou	34			WS	S	200	W	90		0630968	7209355	
	caribou	27			WS	S	600	W	93		0630901	7211623	
	" "	62			RE	RE	500	W	96		0632950	7213982	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 01/05/2019 **Time Started** 9:00 **Time Ended** 14:00 **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N. Saucier

Temperature: -8 **Wind Speed (km/hr):** 50 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
	Arctic Hare	42			Feeding		20	W	23		[illegible]	[illegible]	
	caribou	25			WW	N	250	W	36		0631087	7164627	
	" "	25			FST		200	W	65		0626420	7187340	
	caribou	05			WS	N	150	W	72		0626038	7195228	
	caribou	34			WS	S	200	W	90		0630968	7209355	
	caribou	27			WS	S	600	W	93		0630901	7211623	
	" "	62			RE	RE	500	W	96		0632950	7213982	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 02 05 2019 **Time Started** 11:15 **Time Ended** 19:35 **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** BL (Gate) **Observer Names:** NS, GS

Temperature: -4 **Wind Speed (km/hr):** 30 **Wind Direction:** ESE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** C

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:45	caribou	19			WS	SE	500	W	93	14W	0631321	7212155	
12:35	" "	28			WS	E	50	W	69	14W	0627365	7192589	
12:55	caribou	15			WS	E	500	W	63	14W	0626153	7186659	
13:30	" "	47			WS	S	400	W	62	14W	0626303	7185722	
14:00	caribou	16			RE	-	400	W	53	14W	0625497	7174606	
14:20	" "	10			WS	S	500	W	45	14W	0628648	7171575	
14:50	" "	32				S	150	W	25	14W	0636198	7258302	
15:00	caribou	62			WF	E	0	W	17	14W	0640161	7152275	
17:30	caribou	38				E	350	E	40		0630049	7168819	
18:45	" "	63				S	600	W	74	14W	0626343	7197265	
18:21	" "	60				NE	100	W	78	14W	0625933	7199388	
18:56	" "	120				-	50	W	93	14W	0632299	7212673	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 02 05 2019 **Time Started** 11:45 **Time Ended** 19:35 **Page** ____ **of** ____

Start Location (UTM) MBK **End Location** BL (Gate) **Observer Names:** NS. GS

Temperature: -4 **Wind Speed (km/hr):** 30 **Wind Direction:** ESE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ☔

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:45	caribou	19			WS	SE	500	W	93	14W	0631321	7212155	
12:35	" "	28			WS	E	50	W	69	14W	0627365	7192589	
12:55	caribou	15			WS	E	500	W	63	14W	0626153	7186659	
13:30	" "	47			WS	S	400	W	62	14W	0626303	7185722	
14:00	caribou	16			RE	-	400	W	53	14W	0625497	7174006	
14:20	" "	16			WS	S	500	W	45	14W	0625648	7171575	
14:50	" "	32			WS	S	150	W	25	14W	0636198	7258302	
15:00	caribou	62			WF	E	0	W	19	14W	0640161	7152275	
17:30	caribou	38			RE	E	350	E	40		0630049	7168819	
18:15	" "	63			WS	S	600	W	74	14W	0626343	7187265	
18:21	" "	60			WS	NE	100	W	78	14W	0625933	7199388	
18:56	" "	120			WS	-	50	W	93	14W	0632299	7212673	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 02 05 2019 **Time Started** 11:45 **Time Ended** 19:35 **Page** ____ **of** ____

Start Location (UTM) MBK **End Location** BL (Gate) **Observer Names:** NS. GS

Temperature: -4 **Wind Speed (km/hr):** 30 **Wind Direction:** ESE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ☔

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:45	caribou	19			WS	SE	500	W	93	14W	0631321	7212155	
12:35	" "	28			WS	E	50	W	69	14W	0627365	7192589	
12:55	caribou	15			WS	E	500	W	63	14W	0626153	7186659	
13:30	" "	47			WS	S	400	W	62	14W	0626303	7185722	
14:00	caribou	16			RE	-	400	W	53	14W	0625497	7174006	
14:20	" "	16			WS	S	500	W	45	14W	0625648	7171575	
14:50	" "	32			WS	S	150	W	25	14W	0636198	7258302	
15:00	caribou	62			WF	E	0	W	19	14W	0640161	7152275	
17:30	caribou	38			RE	E	350	E	40		0630049	7168819	
18:15	" "	63			WS	S	600	W	74	14W	0626343	7187265	
18:21	" "	60			WS	NE	100	W	78	14W	0625933	7199388	
18:56	" "	120			WS	-	50	W	93	14W	0632299	7212673	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 31/05/2019 **Time Started** 12:30 **Time Ended** 18:00 **Page** ___ **of** ___

Start Location (UTM) Meadowbank **End Location** Baker Lake **Observer Names:** EF, GG, NB

Temperature: -4 **Wind Speed (km/hr):** ___ **Wind Direction:** ___ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ___

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:50	Caribou	4	A	HT	WQ	N	115	W		14W	0627343	7203181	
13:40	Caribou	7	A	HT	FO	E	~500	~~E~~W		14W	0628676	7171473	
14:18	Caribou	30	A	HT	WQ	S	~500	W		14W	0636809	7157401	
14:40	Caribou	1	A	DI	RU	W	~50	W	13	~~14W~~	~~0640340~~	~~7151497~~	
16:00	caribou	10	A	HT	WS	S	250	W	18	14W	0640340	7151497	
16:50	Caribou	10	A	HT	WS	S	200	W	53	14W	0625207	7178264	
17:12	caribou	42	A	HT	FO	/	200	W	66	14W	0626859	7190864	
17:20	caribou	~~38~~	A	HT	FO	N	~500	W	73	14W	0626798	7195998	
17:40	caribou	10	A	HT	WQ	N	500	W	82	14W	0627069	7203410	
17:43	Caribou	36	A	HT	WQ	N	400	W	83	14W	0627407	7203936	
17:53	caribou	16	A	HT	WS	/	200	W	89	14W	0631243	7207744	
18:00	wolf	1	A	HT	WS	N	30	E	92	14W	0630953	7210389	
18:07	caribou	23	A	HT	WS	N	300	W	95	14W	0631852	7212403	
18:14	caribou	69	A	HT	~~TR~~WS	~~W~~ /	100	W	96	14W	0633537	7214654	
18:20	caribou	61	M+F A	HT	WS	N	100	W	99	14W	0634029	7215622	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult).
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed).
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 03-05-2019 **Time Started** 9:15 **Time Ended** _____ **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** Vault Laydown **Observer Names:** NS, EF, GG

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:40	Caribou	80		HT	WS	N	100	W	112	14W	064 0042	7220367	
10:00	Hares	4		DI	ST		5	E	111	14W	064 0042	7220367	
10:04	Hares	7		HT	FO		20	W	111	15W	0359160	7218709	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 05/05/2019 **Time Started:** 7:00 **Time Ended:**

Temperature: -6°C **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ **100m** ☐ **500m** ☐ **1 km** **Precipitation:** Clear

Field Team:

me	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
10	caribou	15	HT	grazing		W	500	87			
49	caribou	16	HT	walking	North-East	E	750	83			
00	caribou	19	HT	laying down		W	1km	78			

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 03-05-2019 **Time Started** 1400 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadow bank **End Location** _____ **Observer Names:** SM & EF

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1451	Caribou	5	A	L	WS	South	300m	West	87				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (day/month/year) 2019-05-08 **Time Started** 9:30 **Time Ended** _____ **Page** ____ **of** _____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** EF, MA, SM

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:30	caribou	7	A	HT	FO	/	~500	E					

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-05-11 **Time Started** 0940 **Time Ended** 1130 **Page** 1 **of** 1

Start Location (UTM) MDW12MC **End Location** km 80 **Observer Names:** SM & MBA

Temperature: -18 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1012	Hare	1	C	HT	Running	east	10m	E	84				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/05/12 **Time Started** 7:30 **Time Ended** 9:00 **Page** 1 **of** 11

Start Location (UTM) Meadowbank **End Location** meadowbank **Observer Names:** MBA SM

Temperature: -4.8 **Wind Speed (km/hr):** 44kph **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:50	Caribou	4	F/M	T	Grazing	~~S~~	300	W	85				
8:28	Caribou	10	F/M	T	walking	S	–	W	30				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/05/13 **Time Started** 13:08 **Time Ended** 14:00 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** MBA SM

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Light snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

Caribou or Wildlife

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-05-14 **Time Started** _____ **Time Ended** _____ **Page** ____ **of** _____

Start Location (UTM) MDUK **End Location** Bekentake **Observer Names:** Gabriel J. & Stephanie Herm

Temperature: -10 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:16	caribou	13	A	HT	RE		560	W	86	14W	063118	7242555	
14:07	caribou	04			WS		660	W	52	14W	0624923	7177084	
1425	Hawk	1		HT	RE	E	5	E	37	14W	0626973	7167551	
16:33	Caribou	110		HT	RE		500	W	46	14W	0629973	7167551	
17:38	"	20		HT	WS		20	W	96	14W	0632598	7213108	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-05-14 **Time Started** 09:02 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MOSNW **End Location** Vault **Observer Names:** JSM, MLGA

Temperature: -10 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** CO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0910	Caribou	30	A	HT	Feeding	—	500m	E	183				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/05/17 **Time Started** 13:30 **Time Ended** 16:45 **Page** 1 **of** ____

Start Location (UTM) ____ **End Location** ____ **Observer Names:** V. Utsunomiya, E. Comeau, L.

Temperature: ~2 **Wind Speed (km/hr):** 18 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:36	RaTa	16		LIT.	ST, FO	—	450	W	83	14W	62 7201	7203410	
15:13	RaTa	17		HT	WALK	S	400	W	59	14W	625126	7182929	
15:31	RaTa	26		LIT	FO	—	250	W	42	14W	626571	7173040	
15:34	RaTa	6		HT	FO	—	400	W	46	14W	628345	7172408	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 19/05/17 Time Started 09:50 Time Ended 13:30 Page 1 of 1

Start Location (UTM) _____ End Location _____ Observer Names: V. [illegible], T. Couture, L.

Temperature: -2°C Wind Speed (km/hr): 18 KM/H Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:39	Rabbit	1		Vault Rd	FLY	Var.	—	—		14W	640853	7214466	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-05-20 **Time Started** 0700 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MDBNK **End Location** Vault Kitchen **Observer Names:** SM, IC, LA

Temperature: -5c **Wind Speed (km/hr):** 5 **Wind Direction:** ENE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0726	Caribou	24	A	HT	Feeding	—	30	W	110	14W	0630635	7223006	
0800	Caribou	6	A	HT	Walking	N	150	W	111	14W	0639392	7214 4410	
0806	Caribou	3	A	HT	Grazing	W	300	W	112	14 W	0640108	7217 123	
0810	Caribou	55	A	HT	Grazing	W	50m	W	113	14 W	0640248	7217171	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/21/05 **Time Started** 09:00 **Time Ended** 16:00 **Page** 1 **of** 1

Start Location (UTM) 35[illegible]/2135[illegible] **End Location** @ start **Observer Names:** V. U., L. A.

Temperature: -3 **Wind Speed (km/hr):** 37 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
>	10:41	RaTa	17		HT	walk	N	350	W	57	14W	6252[illegible]2	7180720	
>	12:47	RaTa	4		HT	walk	W	10	W	61	14W	625889	7184543	
x	11:34	RaTa	5		HT	stand	—	200	W	100		634256	7217091	
x	14:32	RaTa	11		HT	stand	W	350	W	52		625179	7176023	
x	14:13	SaCr	2		HT	stand	—	150	W	45		628529	7172124	
	15:24	SaCr	3		HT	stand	—	150	E/W	17		640602	7150765	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/05/21 **Time Started** 12:45 **Time Ended** 13:15 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.H., L.L.

Temperature: 2° **Wind Speed (km/hr):** 37 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO WILDLIFE SIGHTED										

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: ~~Meadowbank AWAR~~ Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/05/24 **Time Started** 10h53 **Time Ended** 11h30 **Page** 1 of ____

Start Location (UTM) MDK **End Location** Tailings **Observer Names:** Laurence Archambault & Gabriel Jodoin

Temperature: −1 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11h00	Caribou	17	A F/M	HT	FO	−	150	E	104	14W	0637004	7216148	
11h10	musk ox	1	A	HT	WS	E	300	W	104	14W	0637051	7216157	walking toward road from MR

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/05/24 Time Started 16h30 Time Ended 18h55 Page 1 of 1

Start Location (UTM) BL End Location Meadow Bank Observer Names: Lawrence Archambault & Nicole

Temperature: -1 Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: ____

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
X	16h37	Hawk	3	A	HT	FL	around	20	W	5				gate house
X	17h07	crane	1	A	HT	WS	—	5	E	23				
X	17h09	hare	2	A	HT	FO	—	10	E	26				
X	17h23	ptarmigan	1	AM	HT	FL	E→W	2	E	38				
X	17h26	Geese	2	A	HT	FO	—	5	W	42				
X	"	duck	1	A	HT	FO	—	5	W	42				
???	17h31	bird ??	1	?	HT	FL	E	Passing by road	E	48				
X	17h40	crane	1	A	HT	FO	E	15	E	53				
X	16h05	caribou	69	A	HT	FO/RU	—	150	W	72				
X	16h39	Hawk	1	A	HT	FL	N	50	W	98				Explo
X	16h43	Crane	3	A	HT	FL	W	100	W	101				
X	16h45	caribou	18	A	HT	FO	—	200	W	104				
X	11	muskox	1	A	HT	FO	—	100	E	104				
X	16h46	duck	4	A	HT/W	FO	—	50	E	105				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-05-25 **Time Started** 8h24 **Time Ended** 8h50 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Tailings Road **Observer Names:** EF, LA

Temperature: -2°C **Wind Speed (km/hr):** 30 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:24	Caribou	12	A	HT	RE	/	150	W			14W0637004	7216146	Close to the burning pool

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 2019-05-25 **Time Started** 15h20 **Time Ended** 16h16 **Page** 1 **of** 1

Start Location (UTM) Vault road (MBK) **End Location** vault road **Observer Names:** EF, LA

Temperature: -2°C **Wind Speed (km/hr):** 30 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (≥1km) **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
15h20	caribou	~40	A	HT	FO	—	100	W			14W639742	7216905	moved away bc of long haul truck

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/05/27 **Time Started** 7h50 **Time Ended** 8h30 **Page** 1 **of** 1

Start Location (UTM) Meadow bank **End Location** Exploration camp **Observer Names:** Laurence Archambault & Martin Archambault

Temperature: 1°C **Wind Speed (km/hr):** 35 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7h59	Caribou	17	A F/M	HT	RE	–	200	E	103	14W	0636464	7216709	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/05/28 **Time Started** 09:00 **Time Ended** 16:00 **Page** 1 **of** 1

Start Location (UTM) 356027/7135756 **End Location** @ start **Observer Names:** V.Y., L.A.

Temperature: 1°C **Wind Speed (km/hr):** 57 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	9:40	ReTa	4		HT	Stnd Fo	—	W	200	23	14W	637775	7156528	
x	11:10	ReTa	9		ERK	W/lk	variable	250	W	101	14W	635199	7217160	
x	13:02	ReTa	34		MBK	walk	E	200	W	105	14W	636962	7220569	
x	13:24	M.O	18		HT	Walk	S	1.1km	W	85	14W	629522	7204492	
x	13:53	PeFa	2		Ad.17	Perch/Fly	—	100	W	69	14W	627230	7193191	
x	14:01	SaCr	2		HT	Walk	variable	100	W	68	14W	626989	7191211	
x	14:39	SaCr	2		HT	Stnd	—	75	W	45	14W	629071	7171320	
x	14:41	Hawk	2		over	Fly	variable	—	—	44	14W	629145	7170603	
x	14:53	SaCr	2		HT	Stnd	—	200	W	35	14W	632110	7163727	
x	15:05	SaCr	16		HT	rest	—	100	W	29	14W	633532	7160535	
x	15:07	SaCr	2		HT	Stnd	—	100	E	27	14W	636085	7159606	
x	15:17	SaCr	2		HT	Fly	N	50	W	20	14W	639148	7154387	
x	15:19	GaGo	2		HT	Lift	N	100	W	20	14W	639481	7152897	
x	15:29	SaCr	2		HT	Stnd	—	50	W	17	14W	641007	7150429	
x	15:32	SaCr	2		HT	Fly	E	100	W	12	14W	643124	7146360	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

x 15:41 Hawk 1 HT Fly variable — — 6 14W 644769 – 7140576

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: ~~Meadowbank AWAR~~ Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/05/31 **Time Started** 09:00 **Time Ended** 1.5 : 00 **Page** 1 **of** 1

Start Location (UTM) 356027/7135758 **End Location** @ start **Observer Names:** V.U.

Temperature: 1°c **Wind Speed (km/hr):** 10 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km ~~>1km~~ **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:15	Ptarm	20		HT	rest	—	200	W	2	15W	355764	7137854	
10:42	RaTa	9		HT	FO std	—	400	W	67	14W	626866	7191030	
11:26	RaTa	7		HT	std	—	300	W	101	14W	625184	7217196	
12:34	RaTa	6		HT	walk	S	150m	S	102	14W	6352100	7217159	
13:21	RaTa	13		HT	walk	W	150	W	66	14W	627005	7190525	
13:24	RaTa	6		HT	std	—	500	W	63	14W	626152	7186756	
13:36	RaTa	20		HT	walk	N	400	W	60	14W	626257	7185710	
13:55	RaTa	60		HT	walk	NW	400	W	59	14W	625624	7182400	
14:11	RaTa	4		HT	—	—	300	W	59	14W	625426	7180616	
1810	Muskox	20	*1C	HT	—	—	500	W	86				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 2019 05 31 Time Started 7:45 Time Ended 8:15 Page 1 of 1

Start Location (UTM) _____ End Location _____ Observer Names: Gabriel Jordee, Jonathan Renalik

Temperature: +2 Wind Speed (km/hr): 17 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-01 **Time Started** 9:00 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** 50km AWAR **Observer Names:** EF, SM

Temperature: 6°C **Wind Speed (km/hr):** 13 **Wind Direction:** SW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NO

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
✓	10:20	hawk	1	A	HT	ST	—	50	E	49				on snow pil
✓	11:00	hawk	2	A	HT	FL	—	50	E	~69				
✓	11:16	Muskox	~20	A	HT	ST	/	500	W	84				hard to see
✓	11:26	Caribou	12	A	RO	WS	/	60	W	93				got scared by truc
✓	11:50	caribou	8	A	HT	RE	—	100	E					near air strip

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting); RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 4/06/2019 **Time Started** 1200 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MDBK - BL **End Location** BL - MDBK **Observer Names:** MBA & SM

Temperature: +5c **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1222	Caribou	5	A	HT	Feeding	S	300	W	97	14W	0638196	7213523	
1233	Goose	8	A	HT	flying	NW	—	—	88	14W	0631639	7206551	
1235	Crane	1	A	HT	Resting	—	100	W	86	14W	0629772	7205039	
1241	Caribou	1	A	HT	WF	S	300	W	83	14W	0628030	7203797	
1250	Crane	2	A	HT	Nesting	—	200	E	79	14	0627123	7201232	
1256	Caribou	22	A	HT	Feeding	—	500	W	74	14W	0626206	7197601	
1257	Caribou	1	A	HT	Running	N	1K	W	73	14W	0626710	7196538	
1302	Goose	4	A	HT	Flying	N	—	~~W~~	72	14W	0626807	7194857	
1354	Caribou	14	A	HT	Running	S	500	W	37	14W	0625579	7182631	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 04/06/2019 **Time Started** 1500 **Time Ended** 1730 **Page** 1 **of** 1

Start Location (UTM) Baker Lk **End Location** Meadowbank **Observer Names:** Martin Gebauer

Temperature: 5°C **Wind Speed (km/hr):** 10 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NIL

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1600	Caribou	10	UNK	HT	FO	N	250	W	29				No GPS
1630	Caribou	30	UNK	HT	FO	N	300	W	59				No GPS
1650	Caribou	25	UNK	HT	FO	N	250	W	82				No GPS
1720	Muskox	5	M	LR	FO	NA	50	E	100				No GPS

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-7 **Time Started** 1100 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MOOSE **End Location** Baker Lake **Observer Names:** TT / SM

Temperature: 0°C **Wind Speed (km/hr):** _____ **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1232	Caribou	4	A	HT	Running	S	400	W	31	14W	0634177	7162007	
1240	Caribou	12	A	HT	WF	S	300	W	23	14W	0638083	7155851	
1252	Snow Geese	~~35~~	~~A~~	HT	Resting	—	300	E	21	14W	0639452	7153785	
1254	Crane	1	A	HT	W	—	50	E	~~15~~	14W	0641413	7149969	
1655	Caribou	4	A	HT	WA	—	100	W	55	14W	0626079	7179396	
1645	Crane	2	A	HT	Re	—	200	W	63	14W	0626569	7179888	
1650	Gees	2	A	RO	Fe	—	100	E	64	14W	0626260	7185943	
1650	Caribou	4	A+C(1)	HT	WS	E	200	W	64	14W	0626285	7186650	
1655	Caribou	11	A+C(1)	HT	Fe	—	500	W	69	14W	0627046	7191579	
1700	Caribou	4	A+C(1)	HT	WF	S	100	W	70	14W	0626867	7194568	
1709	Caribou	4	A	HT	Fe	—	500	W	77	14W	0625669	7198601	
1710	Geese	2	A	HT	Flying	E	100	E	77	14W	0625669	7198601	
1720	Musk-ox	4	A	HT	Resting	—	1K	W	86	14W	0629788	7205416	
1740	bear	1	A	HT	Re	—	200	W	102	14W	0635068	7217482	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/06/2019 Time Started 1227 Time Ended _____ Page 1 of _____

Start Location (UTM) Meadowbank End Location _____ Observer Names: Martin Gobeil

Temperature: 3 Wind Speed (km/hr): 15 Wind Direction: S Visibility (circle): 100m 500m 1km (>1km) Precipitation: Light snow showers

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1236	A. Hare	1	UNK	RO	RE	NA	100	S	103	14W	0635819	7216995	
1244	RLHA	1	UNK	NA	FL	E	10	E	99	14W	0633997	7216327	
1252	PEFA	2	Pair	DI	AL	NA	200	W	98	14W	0633860	7216200	Quarry 22
1305	SACR	1	UNK	HT	FO	NA	150	W	95	14W	0632084	7212469	
1306	DUNL	2	UNK	NA	FL	E	10	E	95	14W	0632084	7212469	
1313	PEFA	2	Pair	DI	FL	NA	75	W	94	14W	0630888	7211780	Quarry 21
1318	CAGO	2	Pair	SE	AL	NA	75	W	92	14W	0630980	7210601	
1323	A. Hare	1	UNK	LR	RE	NA	20	E	90	14W	0631055	7208860	
1328	HERG	1	UNK	NA	FL	N	100	W	89	14W	0631088	7208387	
1338	RTLO	1	UNK	WA	RE	NA	250	W	87	14W	0630835	7206448	
1338	GLGU	1	UNK	SE	RE	NA	250	W	87	14W	0630835	7206448	
1340	HERG	2	Pair	SE	RE	NA	250	W	87	14W	0630835	7206448	
1344	A. Hare	1	UNK	LR	RE	NA	75	E	86	14W	0629817	7205581	
1347	A. Hare	1	UNK	LR	RE	NA	200	E	85	14W	0629729	7205077	
1351	CORA	1	UNK	DI	FL	NA	20	W	84	14W	0628711	7204229	Quarry 19

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/06/2019 Time Started 1227 Time Ended 1850 Page 2 of 6

Start Location (UTM) Meadowbank End Location Baker Lake (End of road) Observer Names: Martin Gebauer

Temperature: 3 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: Snow showers

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1351	HERG	1	UNK	NA	FL	E	10	E	84	14W	0628711	7204229	
1358	Caribou	3	A-F	HT	WS	E	10*	W to E	84	14W	0628114	7203829	Xed the road Video to Ken
1358	CAGO	1	UNK	SE	FO	NA	50	W	84	14W	0628114	7203829	
1404	HERG	2	Pair	LR	RE	NA	175	N	83	14W	0627446	7203939	On Island
1408	LTJA	1	UNK	SE	RE	NA	150	E	82	14W	0626930	7203519	
1408	SESA	1	A-M	SE	CO	NA	20	E	82	14W	0626930	7203519	
1428	PEFA	2	Pair	DI	FL	NA	75	W	80	14W	0627432	7202093	Quarry 18
1433	Caribou	2	A-F	HT	WS	NE	150	W	79	14W	0627053	7201127	
1446	A. Hare	1	UNK	RO	RE	NA	125	E	73	14W	0626784	7195989	
1447	CAGO	2	Pair	SE	FO	NA	75	W	73	14W	0626784	7195989	
1503	PEFA	1	UNK	DI	RE	NA	75	W	70	14W	0627250	7193207	Quarry 16
1503	HERG	2	Pair	DI	FL	NA	50	W	70	14W	0627250	7193207	"
1522	Caribou	1	A-M	SE	FO	NA	250	W	65	14W	0626482	7187772	
1524	SACR	2	Pair	SE	WS	NA	40	E	64	14W	0626465	7187448	
1537	PAJI	1	UNK	WA	RE	NA	125	E	59	14W	0625183	7182821	

Caribou crossed the road after some hesit Video to Ken!

[1] **Sex** = M (Male) or F (Female), **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/06/2019 Time Started 1227 Time Ended 1850 Page 3 of 6

Start Location (UTM) Meadowbank End Location Baker Lk (End of Road) Observer Names: Martin Gebauer

Temperature: 3 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: snow showers

suitable nesting cliff above lake Monday

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1541	A. Hare	1	UNK	HT	FO	NA	75	E	57	14W	0625890	7181516	
1547	A. Hare	1	UNK	RO	FO	NA	70	W	55	14W	0626566	7179883	
1555	AGPL	1	UNK	NA	FL	E	10	E	53	14W	0625062	7177944	
1559	A. Hare	1	UNK	LR	FO	NA	25	E	51	14W	0625187	7176002	
1609	A. Hare	2	UNK	HT	FO	NA	100	E	46	14W	0627614	7172826	
1612	RLHA	2	pair	RO	RE	NA	75	W	45	14W	0628442	7172314	1 dark phase
1620	PEFA	2	pair	DI	RE	NA	75	W	45	14W	0628558	7171872	Quarry 8
1626	SACR	1	UNK	HT	FO	NA	50	E	43	14W	0629114	7170610	
1637	PEFA	2	pair	DI	FL	NA	75	W	40	14W	0629974	7167699	Quarry 7
1641	SNGO	8	UNK	SE	FO	NA	400	W	39	14W	0630201	7166784	
1648	HERG	2	Ad	WA	SW	NA	15	E	37	14W	0630636	7165067	
1648	CORA	1	UNK	NA	FL	S	5	W	37	14W	0630636	7165067	
1648	ICGU	3	2A, 1Y	WA	RE	NA	50	E	37	14W	0630636	7165067	
1657	A. Hare	1	UNK	HT	FO	NA	40	W	36	14W	0631352	7164306	
1703	CKGO	2	Pair	WA	RE	NA	20	W	34	14W	0632148	7163341	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/06/2019 Time Started 1227 Time Ended 1850 Page 4 of 6

Start Location (UTM) Meadowbank End Location Baker Lk. (End of Road) Observer Names: Martin Gebauer

Temperature: 3 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km (1km) Precipitation: snow showers

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1709	SNGO	30	UNK	SE	FO	NA	300	W	33	14W	0633552	7163668	
1714	CAGO	1	UNK	SE	AL	NA	150	W	30	14W	0634228	7161930	
1714	NOPI	2	Pair	WA	SW	NA	150	W	30	14W	0634228	7161930	
1720	CORA	1	UNK	NA	FL	E	20	E	28	14W	0635649	7160430	
1727	A. Hare	1	UNK	HT	RE	NA	150	E	25	14W	0637105	7157095	
1729	A. Hare	4	UNK	LR	RE	NA	50	E	24	14W	0637465	7156723	
1733	PEFA	1	UNK	DI	RE	NA	50	E	23	14W	0638037	7156383	Quarry 3
1733	CORA	1	UNK	DI	RE	NA	50	E	23	14W	0638037	7156383	Quarry 3 Nest see.
1741	SACR	2	Pair	HT	CO	NA	50	W	23	14W	0638329	7155530	
1744	A. Hare	1	UNK	HT	FO	NA	50	W	22	14W	0638833	7154935	
1749	SNGO	42	UNK	SE	FO	NA	150	E	21	14W	0639452	7153782	
1749	ROGO	10	UNK	SE	FO	NA	150	E	21	14W	0639452	7153782	
1751	LTOU	2	Pair	WA	FO	NA	150	E	20	14W	0639452	7153782	
1757	CAGO	2	Pair	NA	FL	N	100	E	20	14W	0639452	7153782	
1756	HERG	2	UNK	NA	FL	N	50	E	18	14W	0640253	7151882	

[1] **Sex** = M (Male) or F (Female). **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/06/2019 Time Started 1227 Time Ended 1850 Page 5 of 6

Start Location (UTM) Meadowbank End Location Baker Lk (Ed Road) Observer Names: Martin Gebauer

Temperature: 3 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: snow showers

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1758	SESA	1	UNK	SE	FL	W	20	W	17	14W	0640344	7151229	
1759	NOPI	2	Pair	SE	RE	NA	60	E	17	14W	0640344	7151229	
1803	LTDU	2	Pair	WA	SW	NA	70	E	15	14W	0641788	7149419	
1806	A. Hare	1	UNK	HT	WS	W	15	W	13	14W	0642462	7148167	
1807	CAGO	4	UNK	SE	FO	NA	20	W	13	14W	0642462	7148167	
1814	SACR	1	UNK	SE	WS	NA	100	E	12	14W	0642808	7147234	
1817	CAGO	2	Pair	WA	SW	NA	75	W	12	14W	0643121	7146373	
1820	HERG	1	UNK	WA	RE	NA	150	E	10	14W	0643729	7144689	
1820	LTDU	2	Pair	WA	SW	NA	150	E	10	14W	0643729	7144689	
1826	A. Hare	1	UNK	HT	FO	NA	20	E	7	14W	0644293	7141939	
1829	A. Hare	1	UNK	DI	FO	NA	20	W	5	14W	0644786	7140332	
1832	CKGO	2	Pair	DI	WS	E	5	E	4	14W	0644840	7139637	
1834	CKGO	2	Pair	SE	FO	NA	20	E	4	15W	0355155	7139346	
1834	CKGO	1	UNK	SE	RE	NA	40	W	4	15W	0355155	7139346	
1836	A. Hare	1	UNK	HT	RE	NA	60	E	4	15W	0355155	7139346	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/06/2019 Time Started 1227 Time Ended 1850 Page 6 of 6

Start Location (UTM) Meadowbank End Location Baker Lake (End of Road) Observer Names: Martin Gebauer

Temperature: 3 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: snow showers

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1838	HERG	1	UNK	WA	SW	NA	50	E	3	15W	0355498	7138158	
1838	A. Hare	1	UNK	HT	FO	NA	50	W	3	15W	0355498	7138158	
1840	LTOU	2	Pair	WA	SW	NA	40	E	3	15W	0355804	7137839	
1842	CKGO	2	Pair	HT	FO	E	30	E	2	15W	0355602	7137689	
1845	LTOU	4	2 Pair	WA	FO	NA	15	E	1	15W	0356230	7136169	
1845	HERG	2	Pair	SE	RE	NA	50	W	1	15W	0356230	7136169	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Page 1 of 1

Date (year/month/day) 19/06/11 Time Started 09:00 Time Ended 15:00

Start Location (UTM) 2516027/7185858 End Location [illegible] 5km Observer Names: V.V., M.A.

Temperature: ____ Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:30	RaTa	9		HT	stnd	—	300	W		14W	627226	7193507	
10:48	RaTa	3		HT	stnd	—	300	W		14W	625661	7198596	
13:13	SnoGo	19		HT	sit	—	250	W	54	14W	625350	7204058	
15:22	RaTa	4		HT		—	350	E	79	14W	627025	7201167	
15:34	RaTa	5		HT	walk	—	350	W	70	14W	627262	7193342	
13:41	RaTa	6		[illegible]	stnd	—	500	E	65	14W	626735	7198515	
16:25	Artic hare	2		AT	running	north	100	W	35				
16:32	Artic hare	1		HT	running	east	100	E	45				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/06/13 **Time Started** 1200 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MDBK. **End Location** _____ **Observer Names:** SM JC

Temperature: Sunny **Wind Speed (km/hr):** / **Wind Direction:** / **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1230	Caribou	3	A	HT	WF	W	500	W	88	14W	0025168	7198601	
1240	Caribou	3	A	HT	Fe	—	500	W	73				
1250	Caribou	1	A	HT	WS	—	500	W	63				
1303	Caribou	12	A	HT	WS	E	0	W	55				
1310	Caribou	5	A	HT	Fe	—	500	W	55				
1119	Caribou	1	A	HT	Fe	—	200	W	46				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/06/12 **Time Started** _____ **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Isabelle Tétrault et Isabelle Couture

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:12	Caribous	3	? A	LIT	Running	South to East	100-150	W	2				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/06/18 **Time Started** 8h43 **Time Ended** 11h00 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** Bridge 1 **Observer Names:** Laurence Archambault Isabelle Guitare

Temperature: 11 **Wind Speed (km/hr):** 48 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km ≤1km **Precipitation:** ø

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	8:55	musk ox	1	A	HT	FO	—	100	W	94				
x	9:01	Caribou	4	A	HT	FO	—	800	W	96				
x	9:11	Geese	7	A	HT	SW	E	5	E	88				
x	11	Duck ???	1	A	HT	SW	E	5	E	88				Green-winged teal
x	11	Crane	1	A	HT	WS	E	0	E	87				
x	9:23	11	1	A	HT	FL	W	5	W	80				
–	9:26	Sik-Sik	1	A	HT	FL	W	0	W	79				Not on intelex list
x	9:28	Ptarmigan	1	A	HT	RE	—	15	W	77				
x	9:46	Crane	1	A	HT	FL	E	5	E	62				
x	9:46	duck	2	A	WA	SW	W	5	W	62				
x	10:16	Caribou	4	A	HT	FO	—	500	W	38				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) 2019-06-18
Time Started 13:09 Time Ended 17:17
Page 1 of _ _
Start Location (UTM) 14W 0637962 7214237
End Location 15W 355876 7135760 Observer Names: Jamie K / Joe A
Temperature: _ Wind Speed (km/hr): 20 Wind Direction: W Visibility (circle): 100m 500m 1km (>1km) Precipitation: none

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
14:06	muskox	4		foraging	W	400m	E	89	14W	0631282	7207583	
14:24	canada geese	4		foraging	-	300m	E	85	14W	0627559	7202123	
17:07	eagle	1		flying	-	150m	W	35	14W	0639212	7163249	

[1] Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] Behaviour = RE (Resting), ST (Standing), AL (Al
[4] Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – WHALE TAIL HAUL ROAD SURVEY FORM - 2019

Date (day/month/year) 21/06/19

Time Started 9:00 Time Ended 15h00

Page 1 of 1

Start Location (UTM) Baker Lake

End Location Baker Lake Observer Names: V. W. A.

Temperature: 5 Wind Speed (km/hr): 10 Wind Direction: W Visibility (circle): 100m 500m 1km >1km Precipitation: —

	Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
x	7:58	Raven	2	HT	St. F	—	200	W	85	14W	617704	6721610	7216440
x	10:22	Gr Fa	1	"	"	SW	100	E	52	14W	62 6100	7186732	
x	10:38	Raven	3	"	"	—	200	W	68	14W	620084	7199896	
x	12:28	Can Go	2	HT	—	—	50	W	93	14W	637000	7211371	
x	2:44	Gull	5	HT	"	"	50	W	98	14W	627121	7206858	
x	21:54	Eagle	2	—	—	—	W	W	50	14W			
x	13:40	Raven	1	HT	walk	N	100	W	70	14W	627164	7196555	
—	13:23	Raptor	2	HT	Fly	generally	—	—	60	14W	625361	7183663	
x	13:47	Mew	1	HT	Forage	W	150	W	41	14W	621616	7169238	
x	15:52	Raptor	2	HT	Fly	variable	—	—	32	14W	630404	7166344	
x	15:54	Loon	6	Pond	Swim	—	100	S	37	14W	630771	7164591	
x	10:16	Mew	1	—	Fo	—	150	W	29	14W	633550	7160543	

1 **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

2 **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

4 **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-22 **Time Started** 9:00 am **Time Ended** 5:30 pm **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** EF, IC

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:50	Fox	1	A	HT	TR	N	on road		104				
9:54	Geese (canadian)	~5	A	HT	RE		50	W					Near Exploration
10:15	Muskox	1	A	HT	FO		100	W	42				
10:15	caribou	12	A	HT	WS	S	150	W	42				
11:20	Geese	8	A	HT	FL	N	100	W	31				
15h06	caribou	1	A	HT	RU	N	700	W	18				
15h14	SHC	2	A	HT	WS		50	W	24				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-23 **Time Started** 9h15 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** Laurence Archambault & Isabelle couture

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9h50	Caribou	4	A	HT	WQ	N	150	W	82				
9h54	crane	1		HT	WS	NW	50	W	79				
9h57	rough-legged hawk	1		HT	FL	W	0	crossing	76				
10h12	Caribou	1	A	HT	FO	—	500	W	68				
10h33	Canada geese	4		HT	FL	NW	150	W	51				
12h42	Crane	1		HT	WS	W	100	W	12				
16h47	muskox	1		LI	WS	W	200	W	48				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019 IC/EP

Circle the Relevant Segment: Meadowbank (AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-24 **Time Started** _____ **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** _____

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:15	Caribou	3	A	LI	WQ	S	300	W	43	~	~	~	
10:17	muskox	1	A	LI	ST	Still	300	W	42	~	~	~	
10:30	crane	2	A	HT	WS	E	20	E	32	~	~	~	
10:35	muskox	2	A	HT	RE	Still	100	E	30	~	~	~	
10:36	muskox	2	A	HT	WS	S	150	W	29	~	~	~	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-25 **Time Started** 8:35 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N.S / I.C.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
✓ 8:50	Caribou	4	-	HT	FO	-	500	W	96				
9:02	Caribou	4	-	HT	MI	-	250	W	88				
9:20	Caribou	1	-	HT	WQ	W	200	W	74				
9:23	Caribou	3	-	LR	ST	-	500	W	72				
9:25	Muskox	1	-	SE	FO	-	20	W	71				
9:50	SikSik	1	-	DI	RU	E	0	E	46				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – WHALE TAIL HAUL ROAD SURVEY FORM - 2019

Date (day/month/year) 25/06/19

Time Started 9:00 Time Ended 15:45

Page 1 of 1

Start Location (UTM) 35 L 0072 / 7135758

End Location @ start Observer Names: V.U.L.A

Temperature: Wind Speed (km/hr): Wind Direction: Visibility (circle): 100m 500m 1km >1km Precipitation: —

	Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviours[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
x	10:02	Rock Ptarmigan	10	HT	St. Fl	—	350	W	86	14W	625479	7205771	
x	10:58	"	1	"	--	—	250	W	89	14W	631024	7208729	
x	13:54	Mammal	1	HT	Fo	—	300	W	72	14W	626906	7194503	
x	14:10	Snow Bunting	1	HT	Fl	N	200	E	63	14W	628152	7187281	
x	14:14	Pt. Fg	1	HT	Fl	E	—	—	57	14W	625832	7181417	
x	15:01	Arctic Hare	1	AWM	—	—	AWM	AWM	22	14W	638751	7155081	
x	15:22	Snow Bunting	1	HT	Walk	—	20	W	7	14W	644249	7140952	

1 **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

2 **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

4 **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-26 **Time Started** 9:15 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) MBK **End Location** _____ **Observer Names:** NS / EF

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:45	Muskox	1	-	HT	FO	-	350	W	95				
10:32	Chouette	1	-	HT	FL	E	10	W	78				
11:28	Muskox	2	-	HT	FO	-	200	W	33				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 2019

Date (day/month/year) 2019-Aug-27 **Time Started** 9:30 **Time Ended** ~~6:00~~ **Page** 1 **of** 1

Start Location (UTM) MBR **End Location** MEK **Observer Names:** EF, NS

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NO

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
10:04	Hare	1	LR	RU	W	10	W	84				
11:14	Muskox	2	HT	RE	—	60	W	32				
17:58	Fox	1	HT	AL	—	—	W	33				crossed road

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) S

Date (day/month/year) __ 6/27/2019
Time Started _ _ Time Ended _____
Page of _ _
Start Location (UTM) ___ mdbk
End Location _ BL Observer names: SM TT
Temperature: _ Wind Speed (km/hr): Wind Direction: _ Visibility (circle): 100m 500m 1km

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Locati KM
902	Musk Ox		HT	FE		100	E	49
905	crane	1	HT	Flying	W	50	w	50
912	Caribou	1	ht	WS	W	100	w	
930	usk ox	27	HT	Grazing		200	e	33

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Es
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

URVEY FORM - 2019

n >1km **Precipitation:** _____

on on Access Road (GPS Coordinates)			Comments
Zone	**Easting**	**Northing**	
14w	626293	7179620	1
14W			
14 w	627405	7172828	
14w	632522	7162127	

sker/Avens), RO (Rock & Boulder), and DI (Disturbed) 3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (V

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-29 **Time Started** 8:00 **Time Ended** 18:15 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadow bank **Observer Names:** EF MBA

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km ≥1km **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:15	Muskox	2	A	HT	FO	N/A	500	W	57				
9:51	Muskox	1	A	HT	FO	N/A	100	W	27				
9:52	Muskox	1	A	HT	FO	N/A	100	E	28				
10:10	Muskox	1	A	HT	FO	N/A	100	W	33				
15:51	Muskox	25	A/C	HT	WS	N	200	E	60				
18:15	Muskox	1	A	HT	WS	E	50	E	99				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-30 **Time Started** ~~8:00~~ 7:30 **Time Ended** 15:30 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** MBK **Observer Names:** EF, SM

Temperature: 10°C **Wind Speed (km/hr):** 9 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** No (drizzle)

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
✓	8:30	Fox	1	A	HT	AL	—	0	E	~45				right next to road.
✓	13:50	Muskox	1	A	HT	RE	—	100	W	14				
✓	14:16	Muskox	1	A	HT	RE	—	300	W	33				
✓	15:30	Muskox	2	A	HT	FO	—	100	W	Exp				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-07-02 **Time Started** 8:20 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** MBK **Observer Names:** EF, NBA

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:15	MUSKOX	1	A	HT	WS	—	50	W	14				
10:15	Hawk	1	A	HT	FL	E	50	E	12				
14:55	Muskox	2	A	HT	WS	S	200	E	27				
15:16	HAWK	1	A	HT	FL	E	50	E	46				
16:27	Muskox	2	A	HT	Fighting	—	30	E	101				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ~~WHALE TAIL HAUL~~ ROAD SURVEY FORM - 2019

AWAR

Date (day/month/year) 5/7/19

Time Started 09:00 Time Ended 15:30

Page 1 of 1

Start Location (UTM) _____

End Location _____ Observer Names: V.U, M.R

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: _____ Visibility (circle): 100m 500m 1km >1km Precipitation: ____

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
10:10	M.O.	1	HT	Stand	—	200	W	47	14W	626408	7173105	
12:53	ArFo	1	HT	Walk	E	30	E	104	11	631596	7216715	
12:59	M.O.	2	HT	Fo	—	100	W	100	"	624069	7221505	
13:21	ReFo	1	Riparian	Fly	Variable	200	W	84	"	628620	7204216	
13:19	SpCr	1	HT	Stand	~	30	E	72	"	626857	7194372	
14:41	ArHa	1	AWAR	Loaf	NE	AWAR	SW-E	30	"	634544	7161614	
15:07	SpCr	1	HT	Stand	—	100	W	12	"	642619	7147751	

1 Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

2 Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

3 Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

4 Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-01-07 **Time Started** 0803 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) MDBK **End Location** PL **Observer Names:** SM + NBD + PH

Temperature: -20 **Wind Speed (km/hr):** _____ **Wind Direction:** / **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:05	Muskox	35	A+C	HT	Grazing	-	500	W	65				
15:23	Muskox	2	A	HT	[illegible]	-	700	E	94				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AWAR

AGNICO EAGLE MINES. – ~~WHALE TAIL HAUL~~ ROAD SURVEY FORM - 2019

Date (day/month/year) 12/07/19
Time Started 09:00 Time Ended 15:30
Page 1 of 1
Start Location (UTM) _____
End Location _____ Observer Names: V. U.
Temperature: 12° Wind Speed (km/hr): 19 Wind Direction: W Visibility (circle): 100m 500m 1km >1km Precipitation: —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
9:43	M.D.	4	HT	cross rd	W	AWAR	E-W	19	14W	639421	7153819	
11:15	M.O.	1	HT	FO. JT	—	2.3km	W	16	11	636455	7216052	
14:12	R-Fq	1	AWAR	FL	E-W	AWAR	AWAR	5	11	625194	7205943	
14:43	M.O.	1	HT	FO. JT	—	300	S	37	11	637681	7163657	
14:52	M.O.	1	HT	FO	—	2.5K	S	18	11	636221	7157112	

1 **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
2 **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), Li (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
4 **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ~~WHALE TAIL HAUL ROAD~~ SURVEY FORM - 2019

AWAR

Date (day/month/year) 19/07/19
Time Started 09:00 Time Ended 12:45
Page 1 of _
Start Location (UTM) MBK
End Location BL Observer Names: V. U., L. A., EF
Temperature: 10 Wind Speed (km/hr): 27 Wind Direction: NW Visibility (circle): 100m 500m 1km >1km Precipitation: —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
9:46	M.O.	3	Hill/HT	FO.	—	2,00	W	15	14W	642024	7148998	✓
10:14	BaEa	1	Quarry	Perch	—	100	W	92	14W	629005	7170629	
10:18	M.O	1	HT	Rest	—	150	W	46	14W	627552	7172866	✓
11:27	M.O.	1	HT	FO	—	350	W	101	14W	635152	7216642	✓
12:26	PeFa	1	Quarry	Fly Away	—	200	W	93	14W	630852	7211759	✓
12.41	M.O.	3	HT	FO	—	5	350	94	14W	631048	7210973	✓
13:37	Rough Leg	1	HT	FO	—	300	E	47	14W	625199	7173528	✓
13:57	Gu CA	2	OD	Stand	—	150	W	37	14W	633805	7163613	✓
14:02	M.O.	2	HT	FO	—	500	E	27	14W	636175	7155372	✓
14:25	Lapland Longspur	1	Quarry	Sat	—	200	E	23	14W	638061	7156618	✓
14.41	American Pipit	1	HT	Hop	—	100	W	22	14W	638575	7154943	✓

1 **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
2 **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
4 **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) S

AMQ Road

Date (day/month/year) 25/07/19

Time Started 8:15 **Time Ended** 12:00

Page 1 of 1

Start Location (UTM) Meadowbank IC

End Location MBK **Observer Names:** Joe P., EF

Temperature: 9.7°C **Wind Speed (km/hr):** 20km/h **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location KM
8:51	muskox	8	HT	FO	—	700	NW	121
9:02	Raven	1	"	fl	N		W	138
11:04	Eagle	1	"	fl	S	500	W	156
11:40	Eagle	1	"	fl	S	550	W	131

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/E

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

* NO precipitation

AGNICO EAGLE MINES. – ~~WHALE TAIL HAUL~~ ROAD SURVEY FORM - 2019

AWAR

Date (day/month/year) 26/07/19

Time Started 09:00 Time Ended 16:00

Page 1 of _ _

Start Location (UTM) _____

End Location _ Observer Names: V.U., M. Allard

Temperature: 7° Wind Speed (km/hr): 0 Wind Direction: 0 Visibility (circle): 100m 500m 1km ~~>1km~~ Precipitation: _____

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
9:26	M.O-	10	HS	Rest, Fo	—	400	W	8	14W	644355	7141804	
9:42	M.OU	3	HT	FO	—	100	E	19	14W	639483	7532401	
13:52	B. E.	1	Lake	Over fresh	—	350	E	52	14W	627750	7203445	
14:20	C.L.	1	Lake	Swim	—	400	E	65	14W	624331	7158424	
14:49	R.S.	2	HT	Perch	—	250	N	69	14W	621726	7172150	
15:	ArHa	1	Quarry	Hop	Variable	10	E	31	14W	633925	7152524	
15:11	A.Fo/Wa	1	HT	Scurry	W	10	W	27	14W	635951	7159820	
15:25	P.F.	1	Quarry	Perch	—	35	E	23	14W	1.280469	7156219	
15:41	M.10-	2	HT	Fo.	—	75	E	10	14W	643163	7144870	
15:47	M.O.	30	HT	Fo, Rest	—	150	W	6	14W	644657	7141185	
W:52	HAWK	1	RO	RE	N	5	E	28				
544	Caribou	1	LR	WS	N		E	74				
2:02	HARE	1	LR	WO	N		W	59				

1 **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

2 **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

4 **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 2019/07/30 **Time Started** 8:15 am **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** KP 133 **Observer Names:** J.P, EF

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** No

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
837	fox	1		LR	WS	N		E	120				
842	Ptarmigan	5		LR	WS	N			123				
849	Ptarmigan	1		LR	WS	N		W	129				
8:51	Caribou	1	M/A	LR	WS	N			130				Walking on Road

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) July 30 2019 **Time Started** 10:00 am **Time Ended** 18:00 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.R., EF

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:30	Caribou	1	M	HT	RE	S	25	E	96				Resting Beside Road
11:05	HAWK	1		LI	RE	S		W	68				Resting on Floe
11:38	Sandhill crane	2		LR	RE	S	10	W	~~46~~	46			
11:32	Bald Eagle	1			FI	S	15	W	~~44~~	44			Hunting
11:36	HAWK	1			FI	S	250	W	~~40~~	40			
11:44	Flamingo	4		LR	RE	S			~~35~~	35			Resting on Road
12:08	Flamingo	2		LR	RE	S	15/17	W	~~16~~	16			
16:33	Flamingo	4		LR	RE	N			38	38			Foraging

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ~~WHALE TAIL~~ HAUL ROAD SURVEY FORM - 2019

AWAR

Date (day/month/year) 02/08/19

Time Started 09:00 Time Ended 15:30

Page 1 of 1

Start Location (UTM) 15W0356027/7135758

End Location _ Observer Names: V.U, Bus

Temperature: 11°C Wind Speed (km/hr): 8 Wind Direction: N Visibility (circle): 100m 500m 1km >~~1km~~ Precipitation: —

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
10:19	CaGo	6 0?	Lake	rest;sun	—	150	E	1	15W	356081	7135880	
10:42	RoLeHa	1	AWAR	Flyover	SW	—	E-W	12	14W	642798	7143240	
10:52	CaGo	6	HT	rest	—	100	SW	18	14W	639269	7154980	
11:11	RoLeHa	1	AWAR	perch	—	1	W	34		630721	7164932	
14:35	SnCr	2	AWAR	stand	E	AWAR	—	79		629994	7167554	

1 Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

2 Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

3 Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

4 Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-08-04 **Time Started** 1200 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Bake- **End Location** MOK **Observer Names:** SH FH JK

Temperature: 5 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** yes light rain

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:45	M, ox	35		HT	Rest	—	350m	W					
12:58	M. ox	37	A ?C	HT	Feeding	—	100m	W		14W	0643411	7142011	
12:58	M ox	10	A ?C	HT	Feeding	—	200m	W		14W	0624936	7177237	
13:43	M ox	1	A	HT	Feeding	—	30m	W		14W	0630114	7206055	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ~~WHALE TAIL~~ HAUL ROAD SURVEY FORM - 2019

AWAR

Date (day/month/year) 6/08/19
Time Started 09:00 Time Ended 15:50
Page 1 of 1
Start Location (UTM) _____
End Location _____ Observer Names: V. Yi, S. Mercier
Temperature: 9°C Wind Speed (km/hr): 5 Wind Direction: ESE Visibility (circle): 100m 500m 1km >1km Precipitation: ____

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
13:37	M.O.	1	HT	FO	–	450	W	63				
14:30	M.O.	1	Creek	FO	–	200	S	20				

1 Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
2 Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
3 Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
4 Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/09 **Time Started** 12:00 **Time Ended** 19:00 **Page** 1 **of** 1

Start Location (UTM) Gate at MBK **End Location** (STOP AT BL) MBK's gate **Observer Names:** VU / IT

Temperature: 13.3 **Wind Speed (km/hr):** 22 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Light rain

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	12:42	PeFa	1		Quarry	Fly	variable	100	E	92	14W	630919	7211612	
x	14:12	LaLo	15		AWAR	Fly	"	AWAR	W-E	27	"	631165	7159270	
o	14:38	Nori	10		Lake	Swim	—	250	W	6	"	644761	7140811	
x	14:38	Raven	1		AWAR	Fly	W-E	W-E	W-E	6	"	"	"	
x	16:45	Seagull	1	A	AWAR	FL	S	Over the road	W	13				
o	17:30	Siksik	1		AWAR	RU	S	On it	W	48				
x	18:20	Goose	11	A	Quarry	WS	E	Next to it	E	90				
x	17:10	Sandhill Crane	2	A		WS/WQ	S-W	100m	E	31				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – ALL-WEATHER ACCESS ROAD (AWAR) SURVEY FORM - 20

Date (day/month/year) 12/08/19

Time Started 09:00 **Time Ended** 14:45

Page 1 **of** 1

Start Location (UTM) _____

End Location _ **Observer Names:** V.H. _____

Temperature: _ **Wind Speed (km/hr):** **Wind Direction:** _ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coord		
								KM	Zone	Easting
12:43	Raven	1 m	AWAR	walk	N	AWAR	AWAR	87	14W	630619 - 7[illegible]
13:00	Rokeby	1	"	Fly	SW	"	N	47	14W	626988 - 71[illegible]
13:50	Sqcr	2	HT	walk	-	50	-	38	14W	630345 - 716

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), an

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/08/11 **Time Started** 09:00 **Time Ended** 15:45 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** BL **Observer Names:** V.U., J.A, N.S.

Temperature: 10 **Wind Speed (km/hr):** 4 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
✓	9:29	M.O.	57		HT	Stand, rest	—	200	W	8	14W	644020	7142256	
✓	10:10	BaEa	1		HT	AL	W	350	W	64				
✓	13:31	RaTa	1		AWAR	Walk	E	100	E	91		631018	7207065	
✓	13:37	RaTa	2		HT	Forage	SE	400	W	90		631107	7201581	
✓	14:29	BaEa	1		HT	Fly	E	350	E	99		625419	7174813	
✓	15:29	Crane	1		HT	Walk	S	100	W	7		644755	7140875	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/08/20 **Time Started** 09:00 **Time Ended** 15:45 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.U., R. Allard

Temperature: 15° **Wind Speed (km/hr):** 23 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
				NO WILDLIFE SIGHTED									

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/06 **Time Started** 06:00 **Time Ended** 15:45 **Page** 1 **of** 2

Start Location (UTM) km 1 **End Location** km 1 **Observer Names:** V.U. I. T

Temperature: 3 **Wind Speed (km/hr):** 16 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:**

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:45	ARFO	1		AWAR	walk	E-W	AWAR	—	104	NW	436442	7216043	
12:47	Sn Go	14		HT	rest	—	50	E	104	NW	436442	7216046	
12:51	"	40		"	rest	—	150	E	101		634453	7217761	
13:00	"	75		"	Fly	NE	100	E	93		630885	7211788	
13:07	"	175		"	rest	—	250	W	88		630684	7206371	
13:12	ReFo	2		BWSN	Fly (DB)	—	NE	200	84		625676	7204219	
13:15	Sn Go	60		HT	rest	—	200	E	83		627110	7203099	
13:19	"	125		"	"	—	250	E	79		622316	7201519	
13:19	"	200		"	rest	—	400	W	78		627311	7201515	
13:33		275		"	"	—	300	W	71		627223	7193476	
13:38	Ca Go	6		"	"	—	150	W	70		626975	7191666	
13:40	Sn Go	200		"	"	"	"	W	65		"	"	
13:47	"	180		"	"	"	200	E/W	63		622278	7185473	
13:57	"	12		"	rest	—	150	W	54		625892	7179119	
14:08	"	250		"	"	—	300	E	44		629090	7178183	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/06 **Time Started** 08:00 **Time Ended** 15:45 **Page** 2 of 2

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.V. I.T.

Temperature: 2 **Wind Speed (km/hr):** 16 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:22	SnGo	160		HT	rest	—	200	E-W	37	14W	630359	7166532	
			INS						37		632131	7163384	
14:31		155		HT	rest	—	350	E	31		634012	7163286	
14:40	SnGo	236		HT	rest	—	250	E	25		636582	7157633	
14:41	"	155		"	rest	—	256	E-W	23		638047	7155210	
14:57	"	260		"	rest	—	200	W	18		640341	7151321	
15:00	SnGo	100		"	"	—	200	E	11		642944	7146857	
15:02	"	300		"	"	—	250	E	10		"	"	
15:04	PeFa	1		"	Hover, Fly	—	"	—	8		644182	7142192	
15:04	SnGo	20		"	rest	—	200	E	7		"	"	
15:18	ArHa	1		"	rest	—	50	W	5		644783	7139917	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/03 **Time Started** 09:00 **Time Ended** 14:00 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U., I. Couture

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (≥1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:20	SnGo	40		DT	rest	—	1150	E	101	14W	634906	7217579	—
13:33	SnGo	300		W	"	—	2150	W	94	14W	631402	7212219	—
13:40	SnGo	100		"	"	—	2500	W	89	14W	631202	7207597	—
13:52	SnGo	150		"	"	—	5150	W	83		626904	7201556	—
13:53	SnCr	1		"	stand	—	20	E	80		"	"	—
13:59	SnGo	125		"	rest	—	290	E	78		626491	7206840	—
14:01	SnGo	50		"	"	—	150	W	74		626588	719 6950	—
14:21	SnGo	50		"	"	—	100	W	68		626222	7187125	—
14:47	SnGo	250		"	rest	—	1150	E	43		629114	7170517	—
14:58	SnGo	300		"	rest	—	150	W	35		631597	716 4983	—
15:02	SnGo	300		"	rest	—	300	E	32		637634	7163465	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: ~~Meadowbank AWAR~~ Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/10 **Time Started** 09:00 **Time Ended** 15:00 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U. Parmigiani Dan

Temperature: 8°C **Wind Speed (km/hr):** 30 **Wind Direction:** WSW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ~

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:45	Sn Go	16		HT	rest	—	100	E-W	98	14W			
12:47	"	50		"	"	—	200	W	99		630951	7211456	
12:57	"	75		"	"	—	"	"	96		629624	7204215	
13:09	"	150		"	"	—	250	E-W	86		625437	7199205	
13:14	"	200		"	"	—	150	W	83		624619	7196420	
13:26	"	150		"	"	—	150	W	82		622852	7194909	
13:32	"	40		"	"	—	200	W	62		624102	718 7322	
13:59	"	250		"	"	—	100	E-W	87		620421	717 3675	
13:55	"	65		"	"	—	100	E-W	45		629042	7171642	
14:03	"	325		"	"	—	150	E-W	32		618455	7160 2476	
14:35	"	250		"	"	—	200	W	15		641990	7149129	
14:40	"	35		"	"	—	100	W	10		641704	714 5048	
14:46	"	125		"	"	—	150	W	6		644644	7141220	
14:52	"	60		"	"	—	"	W	4		642152	713 9295	
14:56	"	150		"	"	—	250	S-W	2		358377	7136532	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/13 Time Started 09:00 Time Ended 15:45 Page 1 of 7

Start Location (UTM) Km 1 End Location Km 1 Observer Names: V.W., I. C.

Temperature: ____ Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:18	Sn Go	40		HT	Rest	—	75	W	86	14W	629847	7205701	
13:40	SnGo	60		"	" EL		150	E	84	"	628743	7204222	
13:49	"	42		"	"	S	350	E	81		627507	7202941	
13:57	"	35		"	"	—	200	W	72		625662	7198865	
14:11	"	20		"	"	—	"	E	67		626803	7190079	
14:13	"	125		"	"	—	150	E	65		626362	7188859	
14:14	"	50		"	"	—	300	E	64		"	"	
14:38		25		"	"	—	250	E/W	48		625562	7173270	
14:44	"	46		"	"	—	100	W	45		624927	7171180	
14:52	RoLeHa	2		"	"	—	50	E-W	42		629613	7169252	
14:52	SnGo	50		"	"	—	150	E	43		"	"	
14:54	"	30		"	"	—	100	E	37		630651	7165032	
14:59	"	70		"	"	—	"	W	33		633082	7163393	
15:44	"	60		"	"	—	250	E	20		638474	7154862	
15:59	"	110		"	"	—	"	E/W	12		642880	7147031	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

15:36	SnGo	25		"	"	—	"	E/W	10		643903	7143607	
15:39	"	100		"	"	—	300	E	4		355425	7134336	

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/17 Time Started 09:00 Time Ended 15:30 Page 1 of 1

Start Location (UTM) Km 1 End Location Km 1 Observer Names: V.U. N.

Temperature: 6° Wind Speed (km/hr): 25 km Wind Direction: E Visibility (circle): 100m 500m 1km ≥1km Precipitation: Drizzle

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:06	Sn Go	50		LT	rest	—	150	W	101	14W	634247	7217909	
13:14	Sn Go	35		HT	"	—	"	E	[illegible]	"	633216	7212556	
13:26	"	30		"	"	—	"	W	90	"	631091	7208579	
13:24	"	75		"	"	—	250	E/W	[illegible]	"	630542	7205793	
13:37	"	15		"	"	—	"	E/W	[illegible]	"	627564	7202792	
13:52	"	65		"	"	—	200	E/W	66	"	626728	7199723	
13:[illegible]	"	45		"	"	—	"	E/W	62	"	621284	7195271	
14:10	"	50		"	"	—	400	W	52	"	624988	7197530	
14:22	"	125		"	"	—	300	E/W	42	"	629418	7195444	
14:32	"	75		"	"	—	200	W	30	"	634472	7201696	
14:40	"	250		"	"	—	"	W	28	"	634165	7199282	
14:41	"	25		"	"	—	150	E/W	27	"	"	"	
15:02	"	100		"	"	—	100	E/W	11	"			
15:14	"	12		"	"	—	"	E	3	"			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 20/09/19 **Time Started** 07:00 **Time Ended** 15:00 **Page** 1 **of** 1

Start Location (UTM) km 1 **End Location** km 1 **Observer Names:** V.H., A.S.

Temperature: 0° **Wind Speed (km/hr):** 4 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km **Precipitation:**

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:38	RaTa	1		Lake	Stand	—	1km	W	71	14W			
13:25	SnGo	5		HT	Rest	—	250	S	64		622160	7186943	
13:44	SnGo	50		HT	Rest, Fly	variable	1000	E/W	53		625175	7176224	
14:55	PeFa	1		AWAR	Fly	variable	away	—	45		628057	7172644	
14:09	SnGo	10		HT	Rest	—	100	E	36		632106	7163732	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 24/09/19 **Time Started** 09:50 **Time Ended** 15:45 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U., M. Arnaq

Temperature: 6° **Wind Speed (km/hr):** 36 **Wind Direction:** NE **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Rain

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:13	ArHa	2		HT	rest	—	25	N	100	14V	636934	7215624	
14:11	SnGo	6		HT	rest	—	75	E	85	14V	644791	7204270	
14:34	SnGo	16		HT	resting	S	50	W	64	"	626218	7187102	
14:43	SnGo	15		HT	rest	—	50	E/W	53	"	625105	7178075	
15:17	SnGo	12		HT	resting	S	50	E	23	"	638096	7155760	
15:31	SnGo	14		HT	rest	—	100	E	12	"	643552	7155169	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 01/10/19 **Time Started** 09:00 **Time Ended** 16:00 **Page** 1 **of** 1

Start Location (UTM) 0356027 **End Location** 7135758 **Observer Names:** V.U. B.M.S

Temperature: 3°C **Wind Speed (km/hr):** 16 **Wind Direction:** SW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO WILDLIFE			SIGHTED							

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/10/04 **Time Started** 09:00 **Time Ended** 15:45 **Page** 1 **of** 1

Start Location (UTM) 356022 **End Location** 2135758 **Observer Names:** V.H., I.C.

Temperature: 2 **Wind Speed (km/hr):** 23 **Wind Direction:** SW **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:48	Hawk	1	NA		FL	W	1m	E	79.	14W	0639316	7214168	–

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 19/10/04 Time Started 12:30 Time Ended 13:05 Page 1 of 1

Start Location (UTM) _____ End Location _____ Observer Names: V.U., I.C.

Temperature: 2 Wind Speed (km/hr): 23 Wind Direction: SSW Visibility (circle): 100m 500m (1km) >1km Precipitation: Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO WILDLIFE SIGHTED										

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/10/11 **Time Started** 09:56 **Time Ended** 15:15 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.M., A.S.

Temperature: 0 **Wind Speed (km/hr):** 27 **Wind Direction:** W **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:43	Arctic Hare	1			RD KILL	—	—	—	73	MW	626811	7195207	
13:43	Ptarmigan	2			RD KILL	1	50	E	73	MW	"	"	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/10/15 **Time Started** 09:05 **Time Ended** 15:05 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.M., N.S

Temperature: -9 **Wind Speed (km/hr):** 16 **Wind Direction:** NW **Visibility (circle):** 100m 500m <1km >1km **Precipitation:** Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO WILDLIFE SIGHTED										

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/10/18 Time Started 09:00 Time Ended 15:50 Page 1 of 1

Start Location (UTM) 356024 B5754 End Location 356023/7133758 Observer Names: J.W., A.J.

Temperature: 0 Wind Speed (km/hr): 40 Wind Direction: SE Visibility (circle): 100m 500m 1km >1km Precipitation: _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:24	RaTa	56		HT	FO, ITW	N	350	E	64	14W	626247	7186077	
10:30	RaTa	2		HT	"	—	350	W	75	14W	625845	7198242	
10:42	RaTa	50		"	"		300	W	83	14W	626981	7203879	
12:32	RaTa	2		HT	FO	—	350	W	91	14W			
13:04	RaTa	75		HT	"	—	200	W	77	14W	625167	7199446	
13:12	RaTa	1		HT	"	—	250	W	69	14W	627332	7192706	
13:21	RaTa	70		HT	"	—	250	W		14W	626189	7187985	
14:00	RaTa	5		HT	FO	—	200	W	30		6347 05	7211456	
14:14	ArTe	1		HT	WLK		AWAY	W	5		644791	7214297	
14:28	ArHa	1		"	HOP	E-W	"	—	5		"	"	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-19 **Time Started** 12:45 **Time Ended** 15:15 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** _____ **Observer Names:** NS

Temperature: 2 **Wind Speed (km/hr):** 10 **Wind Direction:** S **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:20	Caribou	1	=	HT	WS	S	200	E	62				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019.10.20 **Time Started** 8:00 **Time Ended** 11:30 **Page** ____ **of** ____

Start Location (UTM) mBK **End Location** km 49 **Observer Names:** Derek

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:36	caribou	1	M	HT	RE	S	300m	E	58				
09:56	Caribou	55	M/F	HT	RE	NW	450m	E	56				
10:07	caribou	1	M	HT	RE	S	300m	E	51				
10:45	Caribou	1	M	HT	RE	S	360m	E	62				
								W	LR				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-21 **Time Started** 1:20 **Time Ended** 4:00 **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** km 40 **Observer Names:** Derek N

Temperature: -5 **Wind Speed (km/hr):** 3 **Wind Direction:** W **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** light snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:07	caribou	2	m	HT	RE	N	300m	W	62				
2:07	caribou	7	M/F	HT	RE	S	300m	E	62				
2:13	caribou	4	m/F	HT	RE	S	300m	E	58				
2:44	caribou	2	M/F	HT	RE	S	200m	W	52				
2:56	caribou	11	m/F	HT	RE	E	300m	E	62				
3:01	caribou	6	M/F	HT	RE	E	400m	E	62				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-22 **Time Started** 08:00 **Time Ended** 11:35 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** km 46 **Observer Names:** Derek N

Temperature: -6 **Wind Speed (km/hr):** 11 **Wind Direction:** SW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** No

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:53	Caribou	6	m/F	HT	RE	S	300m	E	81	81			
8:58	Caribou	5	m/F	HT	RE	S	300m	E	79				
9:25	Caribou	50	m/F	HT	RE	SE	300m	E	66				
9:40	Caribou	2	m/F	HT	RE	SE	200m	W	61				
9:44	Caribou	3	m/F	HT	RE	S	350m	W	60				
9:48	Caribou	5	m/F	HT	RE	S	450m	E	59				
9:56	Caribou	26	m/F	HT	RE	SE	350m	E	58				
10:06	Caribou	80	m/F	HT	RE	E	480m	E	55				
10:12	Caribou	2	m/F	HT	RE	E	150m	W					

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/10/22 **Time Started** 08:08 **Time Ended** 15:30 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U. E.N. J.P.

Temperature: -6 **Wind Speed (km/hr):** 14 **Wind Direction:** WSW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
08:47	RaTa	12		LuKe	walk	N	450	E		14W	626231	7185604	
10:47	RaTa	2		HT	Fo	—	150	W	56	14	626210	7185564	
10:43	RaTa	1		HT	Fo	—	100	W	53		625793	7182260	
13:22	RaTa	10		HT	WALK	N	cross AWAR	AWAR	78		626814	7200693	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-23 **Time Started** 8:07 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) 14W 637958 **End Location** 7214241 **Observer Names:** Jamie K

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:00	Ptarmigan	3	–	–	flying	West	–	East	72				
9:05	caribou	6	–	HT	WS	North	300	East	66	14W	0626892	7190112	
9:05	caribou	+30	–	HT	FO/WS	North	1km	East	66	14W	0626892	7190112	more showing up while monitoring
9:32	Ptarmigan	5	–	HT	FL	West	–	East	53	14W	0625066	7177964	
9:45	Ptarmigan	7	–	HT	FO	West	200	–	49	14W	0625438	7174618	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-24 **Time Started** 9:30 **Time Ended** 16:25 **Page** 1 **of** ____

Start Location (UTM) 14W 0637962 7214243 **End Location** 14W 0637962 7214243 **Observer Names:** Jamie K

Temperature: -7°C **Wind Speed (km/hr):** 7 **Wind Direction:** W **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** none

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:37	caribou	9	–	HT	WS	West	1.5km	East	68	14W	0627406	7192450	
10:42	caribou	2	–	HT	RE	west	250m	East	67	14W	0626891	7190109	
10:54	caribou	21	–	HT	WS	North	130m	East		14W	0625971	7184812	
11:09	caribou	4	–	HT	TR	North	250m	East	55	14W	0626626	7180112	
11:17	caribou	1	male	HT	WS	East	100m	East	53	14W	0625011	7177678	
3:16	caribou	1	male	HT	WS/FO	East	200m	East	64	14W	0626368	7187270	
3:42	caribou	~60	–	HT	WS/FO	South	600m	East	78	14W	0626588	7200311	
	evidence of crossing									14W	0625678	7184375	east to west

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf,\Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/10/25 **Time Started** 09:00 **Time Ended** 15:15 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U. D.N.

Temperature: -7 **Wind Speed (km/hr):** 13 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Drizzle

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:38	Rata	50	-	HT	Stand	-	900	E	62	14W	626105	7195315	
10:46	Rata	150	-	HT	Walk	N	700	E	73	14W	626520	7195268	
13:35	Rata	53	-	HT	Walk	N	700	E	74	W	626523	7197132	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 19/10/25 **Time Started** 12:30 **Time Ended** ~~13:00~~ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.U., D.N

Temperature: -7 **Wind Speed (km/hr):** 13 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
				NO WILDLIFE SIGHTED.									

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/26 **Time Started** 08:45 **Time Ended** 5:00pm **Page** ___ **of** ___

Start Location (UTM) [illegible] mBK **End Location** ___ **Observer Names:** Derek Nateela/Isabelle, T

Temperature: -1° **Wind Speed (km/hr):** 18 **Wind Direction:** SE **Visibility (circle):** (100m) 500m 1km >1km **Precipitation:** Ø Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:19	Caribou	1	M	HE	WQ	E	E	100m	83	14	0628226	7203928	✓
09:41	Caribou	1	M	HE	WS	N	E	200m	72	14	0627059	7193946	✓
10:58	Caribou	5	M/F	HE	WQ	S	E	150m	15	14	0641846	7149333	✓
11:44	caribou	650	M/F	HE	RG	E	E	500m	3	15	0356358	7137209	✓
02:42	Caribou	10	M/F	HE	RE	E	E	200m	22	14	0638810	7154987	✓
03:06	Caribou	85	M/F	HE	RE/WS	S	E	500m	32	14	0633624	7163672	✓
03:36	Fox	1	.	HE	RU	E	E	20m	50	14	0625345	7175274	✓
04:10	Caribou	13	M/F	HE	WS	S	E	300m	80	14	0625828	7198269	
04:40	Arctic hare	1		HE	RU	W	E	10m	98	14	0633917	7215256	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-27 **Time Started** 7:30 AM **Time Ended** 7:00 PM **Page** 1 **of** 1

Start Location (UTM) mBK **End Location** Baker lake **Observer Names:** Derek N

Temperature: -8°C **Wind Speed (km/hr):** 23km **Wind Direction:** N **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** ~~Good~~ No precipitation

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
✓	09:32	Caribou	~~4~~000+	m/F	HT	RE/WS/AL	W/E	100m	E	30	14	0640179	7152181	
∅	12:00	caribou		m/F	HT	ST/WQ	S/N	50m	E	07	14	0643605	7145049	
✓	03:56	Fox	1	m	HT	W/S	N	~~500~~5m	E	21	14	0639744	7153263	
✓	05:06	Ptarmigan	6	m/F	HT	RE	E	20m	W	35	14	0630827	7164854	
✓	05:14	caribou	200	m/F	HT	RE/AL/WS	N	20m	E/W	38	14	0630461	7165327	
✓	05:25	caribou	80	m/F	HT	RE/ST	N	150m	W/E	40	14	0630052	7168368	
✓	05:30	Caribou	300	m/F	HT	RE/ST/WS	N	20m	W/E	42	14	0629544	7169356	
✓	05:36	Caribou	200	m/F	HT	RE/ST/WS	NE	20m	W/E	44	14	0628988	7170464	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-28 **Time Started** 08:00 **Time Ended** 11:15 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** 143 **Observer Names:** Derek Nateela

Temperature: -9°C **Wind Speed (km/hr):** 77 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** blowing snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-29 **Time Started** 08:00 Am **Time Ended** 17:30 **Page** 1 **of** 1

Start Location (UTM) mBk **End Location** _____ **Observer Names:** Derek Nateela

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** blowing snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
08:28	musk-ox	1	m	HT	RE/WS	N	100m	W	98	14	0632003	7212445	
09:47	caribou	3	m/F	HT	RE/WS	NW	100m	W	38	14	0632003	7212445	
09:53	caribou	2000+	m/F	HT	RE/WS	N	100m	E	35	14	0632003	7212445	
11:15	Caribou	17	m/F	HT	WS/WQ	N	200m	E	32	14	0633710	7163653	
11:20	Caribou	250	m/F	HT	WS/RE	N	200m	E	30	14	0634014	7163310	
11:25	Caribou	500	m/F	HT	RE	N	300m	E	29	14	0634232	7161928	
11:30	Caribou	10	m/F	HT	RE	S	200m	E	24	14	0637467	7156723	
11:40	Caribou	500+	m/F	HT	RE/WS	S	200m	E	17	14	0640608	7150768	
11:43	Caribou	1000	m/F	HT	WS/RE	S	400m	E	14	14	0642097	7148948	
01:07	Caribou	650+	m/F	HT	WS/RE	S	100m	E	7	14	0644785	7140450	
01:52	Caribou	1	m	RO	LI	E	50m	E	23	14	0638005	7156215	
02:30	caribou	30	M/F	HT	WS	E	20m	E	28	14	0634026	7163191	
03:30	caribou	80	m F	HT	WS/RE	E	200m	E	53	14	0625020	7177694	
04:00	Caribou	20	m F	HT	RE/WS	E	150m	E	74	14	0626606	7197027	
04:20	musk ox	1	m	HT	RE	W	50m	W	92	14	0631066	7210885	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-10-30 **Time Started** 03:20 pm **Time Ended** 06:00 pm **Page** 1 **of** 1

Start Location (UTM) mBk **End Location** Baker Lake **Observer Names:** Derek N

Temperature: -11.5 **Wind Speed (km/hr):** 14 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
04:15	Fox	1		HT	RU	W	5m	W	60	14	0625999	7185076	
04:30	Caribou	40	mF	HT	RE/WS	E	400m	E	49	14	0625445	7174585	
04:35	Caribou	20	mF	HT	RE/WS	E	50m	E	47	14	0626330	7173138	
04:37	Caribou	69	mF	HT	RE/WS	W	50m	W	46	14	0627357	7172817	
05:00	Caribou	100	mF	HT	RE WS	E	200m	E	40	14	0630298	7166656	
05:10	Caribou	6	mF	HT	RE WS	E	400m	E	32	14	0633716	7163648	
05:27	Caribou	3	m	HT	RE/LI	W	150m	W	20	14	0638768	7155063	
05:30	caribou	200	mF	HT	RE/WS	E	200m	E	18		0639395	7153959	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) Oct 31 2019 **Time Started** 9:30 **Time Ended** 6:30 **Page** 1 **of** 2

Start Location (UTM) Baker Lake **End Location** Meadowbank **Observer Names:** J.P.

Temperature: -7 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Snowing

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:28	Caribou	45							74				
1:30	–	13		HT	WS	S	250	E	69		0627512	7192113	
1:40	–	23		HT/ice	WS/FO	S	300	E	60		0625634	7182403	
1:45	–	17		HT	WS	S	500	E	57		0625717	7181157	
1:52	–	30+		HT	WS/FO	S	350	E	52		0625125	7176268	
3:14	–	18		Ice	WS	N	550	E	17		0640351	7151433	
3:17	–	32		HT	WS/FO	N	300	W	18		0640191	7152174	
3:30	–	57		HT	WS/FO	N	500	E	27		0636214	7158597	
3:36	–	139		HT	WS	N	350	E	27		0636122	7159516	
3:50	–	200+		HT	WS/FO	N	300	E	42		0629286	7169721	
3:55	–	53		HT	WS	N	250	E	43		0629087	7170509	
4:08	–	180+		HT	WS/FO/RC	N	200	E	52		0625011	7176944	
4:11	–	200+		HT	WS/FO	N	350	W	53		0625036	7177803	
4:20	–	200+		HT	WS/FO	N	200	E	55		0626186	7180540	Running from Sand Truck

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) Oct 31 2019 **Time Started** 9:30 am **Time Ended** 5:30 **Page** 2 **of** 2

Start Location (UTM) Baker Lake **End Location** Meadowbank **Observer Names:** J.P.

Temperature: -7 **Wind Speed (km/hr):** ____ **Wind Direction:** W **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Snowing

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:15	Caribou	189		HT	WS/FO	N	150	E	73		0626781	7196010	
5:40	—	1	M	HT	WS	N	75	E	77		0625751	7199128	wounded

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/01 **Time Started** 1:30 **Time Ended** 7:00pm **Page** 1 **of** 1

Start Location (UTM) Meadowbank – **End Location** _____ **Observer Names:** J.P./N.E.

Temperature: -11 **Wind Speed (km/hr):** 15 **Wind Direction:** NW **Visibility (circle):** 100m 500m (1km) (>1km) ? **Precipitation:** Fog.

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
3:37	caribou	20+		HT	RE	E	D		68				
3:47	↓	60+		HT	WS	E	150		60				~~Crossing road~~
3:59		150+		HT	WS	E			53				Crossing road
4:14		5		HT	WS	E	150		49				
4:24		34		HT	WS	E	150		41				
4:40		13		HT	WS	E	200		29				
4:42		30		HT	WS	E	150		27				
5:36		40+		HT	WS	E	150		33				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/01 **Time Started** 6:30 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** J.P. N.E.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:05	Caribou	45		HT	WS	S	150	E	41		0629304	7169709	
8:10		81		HT	WS/FO	S	75	E	41		~~0630298~~	~~7166651~~	
8:17		10		HT	RE	S	10	E			0630298	7166651	
8:22		48		HT	WS/FO	S	75	E			0630465	7166278	
8:36		13		HT	FO/RE	S	100	E			0633974	7163026	
10:53		16		HT	WS	N	200	E	32				
11:02		33		HT	WS	N	350	E	38				
11:11		94		HT	WS/FO	N	100	E	39				
11:24		100+		HT	WS/FO	N	120	E	53				
11:41		1504		HT	WS	N	Crossing Road	E to W	53		0624927	7177115	
11:55		16							58				
12:02		18							66				
12:07		9							72				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/02 **Time Started** 6:30 **Time Ended** 11:00 **Page** 1 **of** 1

Start Location (UTM) meadowbank **End Location** Mbk. **Observer Names:** J.P. N.E

Temperature: -27 **Wind Speed (km/hr):** 20 **Wind Direction:** SW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:28	Caribou	60+		HT	WS-RE	S	125	E	53	14W	0625042	7177850	
7:54	Fox	1		HT	WS	S	Road			14W	0625042	0629131	7170629
7:59	Wolf	1		ICE	WS	S	10	E	38	14W	0630010	7168044	
8:14	Caribou	57		HT	WS	S	500	E	28	14W	0635614	7160472	
8:23	Caribou	200		HT	WS-FO	S	crossing	BOTH	19	14W	0639412	7153914	
9:05	—	1		HT	WS	N	300	E	23	14W	0638496	7155441	
9:18	—	150+		HT	WS-FO	N	350	E	30	14W	0635326	7160892	
9:34	—	150+		HT	WS	N	500	WSW	37	14W	0629982	7167635	
9:39	—	200		HT	WS	N	400	E	39	14W	0630036	7168672	
9:57		200/300		HT	FO		800	WS	47	14W	0626543	7173146	
10:21	—	1		HT	WS	N	500	WS	67	14W	0626912	7190885	
10:28		60+		HT	E	N	500	WS	73	14W	0626808	7195778	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/02 **Time Started** 4:00 **Time Ended** 7:30 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** BAKER LAKE **Observer Names:** J.P.

Temperature: -16 **Wind Speed (km/hr):** 15 **Wind Direction:** S **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
545	Caribou	300+		-	WS	S	Crossing	E to W	50	14W	0625337	7175327	Crossing

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

(5)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/3 **Time Started** 7:30 **Time Ended** 10:00 **Page** 1 **of** 1

Start Location (UTM) Baker LAKE **End Location** Meadowbank **Observer Names:** J.P.

Temperature: -26 **Wind Speed (km/hr):** ____ **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
819	Caribou	1			RE	N	75	E	38	14W	0630278	7166693	
830	–	53			WS	N	400	E	42	14W	0629133	7171536	
836		74			WS	N	500	E	50	14W	0625377	7175157	
842		2			FO/WS	N	100	E	53	14W	0624971	7177461	Wolf
1:54	–	53			WS/FO	S	350	E	60		0625937	7183682	
2:00		~~444~~			FO	S	350	E	54		0626314	7179747	
2:05		~~1400~~			WS	S		E TOW	53		0625014	7177710	caribou crossing
2:43		150			WS/FO	S	100	E	36		0630029	7168268	
2:55		1000			WS	S	350	E	32		0633860	7163372	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/3 **Time Started** 1:30 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** Baker Lake **Observer Names:** J. P.

Temperature: -21 **Wind Speed (km/hr):** 43 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
154	Caribou	53			WS fo	S	350	E	60		0625937	7193682	
206	"	44			fo	S	350	E	54		0626514	7179617	
205	"	4 adult			WS	S		E Tow	53		0625014	7177710	Crossing
243	"	150+			WS/fo	S	100	E	38		0630029	7168254	
255		100+			WS	S	350	E	32		0633960	7163572	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/3 **Time Started** 7:30 **Time Ended** 10:00 **Page** 1 **of** 1

Start Location (UTM) Baker Lake **End Location** Meadowbank **Observer Names:** J.P.

Temperature: -26 **Wind Speed (km/hr):** ____ **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
819	Caribou	1			RE	N	75	E	38	14W	0630278	7166683	
830	-	53			WS	N	400	E	43	14W	0629133	7170536	
836		74			WS	N	500	E	50	14W	0625377	7175157	
842		2			FO/WS	N	100	E	53	14W	0624974	7177461	Wounded

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/NOV/04 **Time Started** 0803 **Time Ended** 1109 **Page** 1 **of** 1

Start Location (UTM) 14W 637970, 7214234 **End Location** 15W 356112, 7135966 **Observer Names:** N. Enowyak, C. Shapka

Temperature: -16 **Wind Speed (km/hr):** 15 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** N/A

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0835	Caribou	90	/	LR	FO	N	1000	E	92	14	630902	7210006	
0907	Caribou	75	/	LR	WS	N	1000	E	75	14	626799	7195904	
0937	Caribou	200	/	LR	FO	N	200	E	51				
09[illegible]	Caribou	5	/	LR	RE	N	200	E	46	14	627385	7172918	
1026	Caribou	40	/	LR	WS	N	150	E	28	14	635843	7160114	
1035	Caribou	3	/	LR	WS	N	200	E	19	14	640120	7152449	injured

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/04 **Time Started** 6:00 am **Time Ended** 9h30 **Page** 1 **of** ____

Start Location (UTM) Baker Lake **End Location** Meadowbank **Observer Names:** J.P.

Temperature: ~16 **Wind Speed (km/hr):** 15 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:10	Caribou	29		HT	WS/FO	N	100	W	32	14W	0633585	7163670	
7:27	"	300+		HT	WS/FO	N	300	E	38	14W	0630038	7168670	
7:33	"	100+		HT	FO	N	450	W	39	14W	0630149	7169710	
7:47	"	100+		HT	FO/WS	N	200	E to W	46	14W	0627025	7172869	Walking E to W
8:15	"	78		HT	WS/FO	N	150	E	51	14W	0625301	7175497	
8:20	"	52		HT	WS	N	-	W	52	14W	0624930	7177150	Crossing
8:45	"	28		HT	WS	N	400	E	73	14W	0626787	7196011	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-11-05 **Time Started** 13:39 **Time Ended** 16:17 **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** MBK **Observer Names:** Christopher S. Nault E

Temperature: -15 **Wind Speed (km/hr):** 25 **Wind Direction:** N **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:30	Caribou	200	—	HT	Walk	N	100	E	66	14	626577	7189380	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/05 **Time Started** 6:00 **Time Ended** 10:05 **Page** 1 **of** 1

Start Location (UTM) Baker Lake **End Location** Meadowbank **Observer Names:** J.P.

Temperature: -19 **Wind Speed (km/hr):** 30 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
759	Caribou	1	M	HT	RE	N	100	E	37		0630235	7166741	wounded
8:43	–	2		HT	WS	N	1km	W	60		0625684	7184389	
8:53	–	2		HT	WS	N	750	E	61		0626132	7185369	
902	–	7		HT	FO	N	250	E	63		0626386	7188918	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/11/08 **Time Started** 07:00 **Time Ended** 15:30 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U., I.C.

Temperature: -18 **Wind Speed (km/hr):** 40 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:23	RaTa	8		HT	Rest, Fo	SE	300	E		14W	631263	7207516	
13:56	RaTa	4		HT	Walk	NE	300	E	73	14W	626757	7195520	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 19/Jul/08 **Time Started** 12:25 **Time Ended** 12:48 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** K.W.

Temperature: +20 **Wind Speed (km/hr):** 40 **Wind Direction:** NW **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO	WILDLIFE	SIGHTED								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-11-10 **Time Started** 09:10 **Time Ended** 11:00 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** KM 93 **Observer Names:** Martin Archambault

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:30	Muskox	3	—	HT	Rest	NE	300	E	86	14	631006	7211247	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

(3)

Date (year/month/day) 2019-11-13 **Time Started** 13:00 **Time Ended** 15:55 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** km 49 **Observer Names:** Derek Nakeeg

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
~	/	/	/	/	/	/	/	/	/	/	/	/	/

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/11/15 Time Started 09:00 Time Ended 15:00 Page 1 of 1

Start Location (UTM) 356027/7135758 End Location 356027/7135758 Observer Names: V.U., J.P., D.N.

Temperature: -16 Wind Speed (km/hr): 18 Wind Direction: NW Visibility (circle): 100m 500m 1km >1km Precipitation: _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:32	RaTa	1		HT	Stand	—	200	W	93	14W	630945	7215223	
11:34	RaTa carcass	1		HT/LR	—	—	150	E	95	14W	631908	7212414	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** – RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/15 **Time Started** 6:56am **Time Ended** 15:00 pm **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Baker Lake **Observer Names:** J.P D.N.

Temperature: -22 **Wind Speed (km/hr):** 40 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:30	wolf	2		HT	WS/	N	300	E	40				
11:30	wolf	2		HT	RE/ST/AL	S	100	E	95				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank-AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-11-17 **Time Started** 8:00 **Time Ended** 18:00 **Page** ____ **of** ____

Start Location (UTM) MBK **End Location** MBK **Observer Names:** AR

Temperature: -25°C **Wind Speed (km/hr):** 20 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:41	Caribou	350	—	HT	WQ	NE	50	E	86				
9:53	Caribou	100	-	HT	WQ	NE	300	E	79				
9:55	11	4		HT	WS	N	400	E	78				
10:01	11	41	-	-	WS	NE	30	E	72				
10:11	11	3	-	HT	WS	N	50	E	66				
10:25	11	4	-	HT	W	NE	150	E	51				
10:45	11	21	-	HT	WQ	W	5	W	33				Crossed E. at town
11:18	Musk-ox	155	—	HT	WS	S	1.5km	W	52				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-18 **Time Started** 08:50 **Time Ended** 16:05 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** Baker Lake **Observer Names:** Derek N

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** Clear,

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:37	Caribou	14	m/F	HT	RE/ST	NE	200m	W	88	14	0631167	7206618	
09:54	caribou	100	mF	HT	RE/ST	N	450m	E	81	14	0627564	7202826	
10:00	Caribou	300+	mF	HT	RE/ST	N	500m	E	79	14	0627068	7201125	
10:17	caribou	50	mF	HT	RE/ST	N	500m	E	63	14	0627182	7191671	
11:06	Wolf	1		HT	WS	N	100m	E	36	14	0631387	7164269	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE

MBK AWAR ✓X

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 19/11/19 **Time Started:** 09:00 **Time Ended:** 1500

Temperature: -16°C **Wind Speed:** 14 km/h **Wind Direction:** NE

Visibility (check): ☐ 100m ☑ 500m ☐ 1 km **Precipitation:**

Field Team: Nutatnaq, D.N.

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
10:13	RaTa	50	Hillside	run	N	E	350	45	14W	628651	7176634
10:26	RaTa	150	HS.	walk	E	E	500	49	14W	625451	7174574
15:34	RaTa	200	Hill	walk	N/A	E	100	53	14W	625013	7172692

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-19 **Time Started** 07:00 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Derek Nateela

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
08:54	caribou	1	F	HT	WS	E	0	W	33	14W	634016	7163313	
09:11	Caribou	1	F	HT	WS	SE	20	E	20	14W	639189	7154324	
10:12	Caribou	50	m/F	HT	RE	E	20	E	39	14W	628971	7171142	
10:25	Caribou	60	m/F	HT	RE/WS	NW	250	W	48	14W	625541	7173825	
10:26	caribou	200	mF	HT	RE/WS	SE	300	E	50	14W	625408	7174928	
10:53	caribou	200	mF	HT	RE	NW	300	E	75	14W	626090	7197817	
11:05	Caribou	1	F	HT	WS/AL	E		E	88	14	631100	7206573	
11:13	Caribou	5	mF	HT	WS	E	400	W	94	14	632560	7213056	
13:35	caribou	250	mF	HT	RE	S	50	E	32		624958	7177351	
15:39	caribou	1	F	HT	WS	E	20	E	9	14	643982	7143861	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-20 **Time Started** _____ **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Darek Natela

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:40	muskox	25	m ?	HT	RE		250	W	50	14W	625301	7154 99	
11:30	caribou	15	m F	HT	WS	E	250	E	82	14W	628090	7203812	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: ~~Meadowbank AWAR~~ Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/11/22 **Time Started** 09:00 **Time Ended** 14:45 **Page** 1 **of** 1

Start Location (UTM) 356027/7135958 **End Location** 356027/7135958 **Observer Names:** V.U. D.N.

Temperature: -11 **Wind Speed (km/hr):** 23 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Flurries

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:05	RaTa	12	-	H.T.	FO, Start	-	350	E	51				
10:31	RaTa	25	-	H.T.	Walk	SW	300	E	73				
13:43	RaTa	10	-	H.T.	FO.	-	200	W-E	51		625159	7176106	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

3650 92

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-11-22 **Time Started** 10:00 **Time Ended** 11:15 **Page** 1 **of** ____

Start Location (UTM) Meadowbank **End Location** KM 75 **Observer Names:** AB

Temperature: -12° **Wind Speed (km/hr):** 30 **Wind Direction:** ____ **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** ~

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:30	Caribou	40	—	HT	foraging	S	200	E	86	14W	629174	7205369	
10:45	—	20	-	HT	running	S	300	E	75	14W	626155	7197697	
12:45	—	20	"	HT	resting	S	1000	E	75	14W	"	"	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 19/11/22 **Time Started** 12:15 **Time Ended** 12:35 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.U., D.N.

Temperature: -11 **Wind Speed (km/hr):** 23 **Wind Direction:** E **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Flurries

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO	WILDLIFE	SIGHTED								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank ~~AWAR~~ Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-23 **Time Started** 09:25 **Time Ended** 12:00 **Page** 1 **of** 1

Start Location (UTM) mBk **End Location** Mbk **Observer Names:** Derek N

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:35	caribou	6	m/f	HT	WS	S	400	W	88	14W	636216	7270S0	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-24 **Time Started** 09:15 **Time Ended** 10:15 **Page** 1 **of** 1

Start Location (UTM) mbk **End Location** km 96 **Observer Names:** Derek N

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** clear sky just white out

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:40	caribou	1	F	HT	LI	N	50	W	91	14W	0638187	7213511	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/11/26 **Time Started** 09:05 **Time Ended** 15:00 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.U., A.J.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
			NO WILDLIFE				SIGHTED						

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) ~~19-11-26~~ 19-11-26 **Time Started** 12:36 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** DN/JP

Temperature: -30 **Wind Speed (km/hr):** 20 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:17	Muskox	2		HT	ST/RE	N/A	600	W	169		0614949	7248205	
16:42	Fox	1		HT	WS	E	0	W			0635598	7226795	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/11/29 **Time Started** 9:00 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** V.U. Passenger BUS!

Temperature: -11 **Wind Speed (km/hr):** 34 **Wind Direction:** SW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Blowing snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:30	Rats	15			Walk	N	200	E	15		625613	7177693	
9:50	Rats	50			"	N	400	E	26				
9:57	Rats	50			"	N	400	E	30				
13:35	Rats	45			"	N	2000	E	76		625613	7177693	
14:07	Rats	25			Walk	N	300	E					

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: ~~Meadowbank AWAR~~ Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/12/13 **Time Started** 09:00 **Time Ended** 14:30 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.U., D.N, S.R.

Temperature: -28 **Wind Speed (km/hr):** 33 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:31	M.D.	11		H.T	stnd	—	400	W	99	14W	632694	7213255	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-12-17 **Time Started** 10:43 **Time Ended** 17:15 **Page** 1 **of** 1

Start Location (UTM) mBk **End Location** mBk **Observer Names:** DerekN

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** fog/mist

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
N/A	N/A	N/A	N/A	N/A	N/A	N/A							
	NADA				TODAY.								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: (Meadowbank AWAR) Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-12-24 **Time Started** 10h50 **Time Ended** 13h30 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Baker Lake, **Observer Names:** D. Natrela / T. Couture

Temperature: -20 **Wind Speed (km/hr):** 17 **Wind Direction:** SE **Visibility (circle):** 100m (500m) (1km) >1km **Precipitation:** Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:07	Muskox	5	Unknown	HT	FO	NW	300	W	97	14W	0632967	7214060	—
13.00	Arctic hare	1	unknown	HT	RU	S	crossing	E	17	14W	064349	7151069	—

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/12/24 **Time Started** 09:50 **Time Ended** 14:45 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** V.W., A.W.S

Temperature: -20 **Wind Speed (km/hr):** 14 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Light Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:58	ARTO	1	Quad	SE	swalk	NW	150	W	35	14W	631038	7164755	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/12/27 **Time Started** 09:00 **Time Ended** 15:00 **Page** 1 **of** 1

Start Location (UTM) Km 1 **End Location** Km 1 **Observer Names:** I.V., I.C.

Temperature: -12 **Wind Speed (km/hr):** 22 **Wind Direction:** ENE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:**

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:46	Wolverine	1		HT	Stood	—	200	W	80		624704	7200517	
10:59	Rata	4		HT	walk, FO, S		200	W	90		631119	7208231	
11:09	M. O.	3		Hill	Stood	—	400	W	93		631969	7212440	
12:40	M. O.	1		HT	"		200	W	95		632481	7212951	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

APPENDIX B

2019 Road Survey Forms – Whale Tail Haul Road

AGNICO EAGLE

Whale Tail Haul Road - Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Jan 08, 2019 **Time Started:** 2:60 PM **Time Ended:** 4:30 PM

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear Wind 20Km/h

Field Team: Isabelle & Martin

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
2:43 PM	Musk-ox	2	Rock								
2:43 PM	Musk-ox	2	Rocky	FEEDING+RESTING	STILL	WEST	200	143	14W	0623374	7235886

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Jan. 09, 2019 **Time Started:** 10:45 **Time Ended:** 15:30

Temperature: -37 **Wind Speed:** 7 **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: N. Saucier, K. Newberry, M. Kreelak

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
10:54	Musk-ox	4	Rocky	FEEDING	WEST	~~EAST~~	500	121	14W	0636984	7223336
11:30	muskox	2	Rocky	Feeding	west	West	150	143	14W	0623361	7235879

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Jan. 10. 2019 **Time Started:** 9:00 **Time Ended:** 12:15

Temperature: -35,4 **Wind Speed:** 13.2 kph **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: CATHY & MARTIN

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
11	[illegible]	30	[illegible]	[illegible]	NW	WEST	100M		14W	[illegible]	[illegible]

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: JAN. 22 2019 **Time Started:** 1:20 PM **Time Ended:** 4:40 PM

Temperature: **Wind Speed:** No WINDS **Wind Direction:** = =

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: MARTIN

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			No Wildlife								
			sighting								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: JAN. 23, 2019 **Time Started:** 9:19 **Time Ended:** 3:15

Temperature: -40 **Wind Speed:** 30km/h **Wind Direction:** North

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: JAMIE + MARTIN

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
10:25	Muskox	2		grazing	-	west	500m	154	14W	0618759	7238857
1:48	caribou	2		walking	North	east	600m	14H	14W	0622156	7236115

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: JAN. 24 XXIV 2019 XXIX **Time Started:** 9:15 am **Time Ended:** 2:00 pm

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:** Clear

Field Team: ISABELLE + MARTIN

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
9:30 am	Wolverine	1	ice	running	West	West	300	131	14W	0632962	7231898
12:40 pm	Fox	1	Rocky	RUNNING	WEST	WEST	20	161	14W	0620566	7245234
1:00 pm	Wolverine	1	Rocky	RUNNING	WEST	WEST	50	147	14W	0620272	7295446

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Jan. 29, 2019 **Time Started:** 1:55 pm **Time Ended:** 6:00 pm

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: Isabelle + Marlen

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
5:00 pm	Caribou	4	Tundra	feeding	still	East	20	144	14W	0638707	7216287

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: JAN. 30, 2019 **Time Started:** 9:20 pm **Time Ended:** 3:40 pm

Temperature: **Wind Speed:** 0 **Wind Direction:** 0

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: ISABELLE & MARTIN Kreciak

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO								
			Wildlife		sighting						

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Jan. 31, 2019 **Time Started:** 8:35 AM **Time Ended:** 11:30 am.

Temperature: **Wind Speed:** Q **Wind Direction:** Q

Visibility (check): ☐ 100m ☑ 500m ☐ 1 km **Precipitation:** Clear

Field Team: Isabelle & Martin Kiviaks

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing

No wildlife *

* Turnaround at Km 160

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019-02-06 **Time Started:** 12:30 **Time Ended:** 16:00

Temperature: -32 **Wind Speed:** 25.3 kph **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: Nicolas S et Kathleen N.

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
				NO WILDLIFE							

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019-02-09 **Time Started:** 12:00 **Time Ended:** 14:00

Temperature: -30 **Wind Speed:** 15 km/h **Wind Direction:** E

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

Field Team: N. Saucier

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing

VAULT

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 19, 2019 **Time Started:** 13:13 **Time Ended:** 14:00

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

Field Team: V. Kutatana, J. Katalak

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
13:46	M.O.	38	Hill	Rock	—		950m		15W	360184	7220500

AMARUQ R.D.

AGNICO EAGLE

Meadowbank Access Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: February 19, 2015 **Time Started:** 13:30 **Time Ended:** 18:00

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

Field Team: V. Kutatnaq, J. Kotaluk

Time	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
			NO WILDLIFE		SIGHTED						

AGNICO EAGLE MINES. – Whale Tail Haul Road [redacted] SURVEY FORM - 2019

Date (day/month/year) 02/26/19 Time Started 1:55 pm Time Ended 5:40 PM Page 1 of 1

Start Location (UTM) Vault Laydown End Location Amaruq Observer Names: ISABELLE & MARTIN

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: NO

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
2:40 pm	Fox	1 A	ICE	TROTTING	W/N	200	W	148	14W	0619825	7235391	—
4:38	Fox	1 A	H.T	RUNNING	N	2	E	171	14W	0612148	7250213	—

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – Whale Tail Haul Road [redacted] SURVEY FORM - 2019

Date (day/month/year) 02/27/19 **Time Started** 9:10 AM **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Vault Laydown **End Location** Amaruq **Observer Names:** ISABELLE & MARTY Equinox Kregloh NS

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	
2:10 pm	Wolverine	1 ?	ICE	WALKING	N/W	900	EAST	160	14W	0670865	7242793	
2:10	MUSK-OX	2 M	ROCKY	RESTING	STILL	800	WEST	159	14W	= = =	= = =	

[1] **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES. – WHALE TAIL HAUL ROAD SURVEY FORM - 2019

Date (day/month/year) 28/02/2019
Time Started 8:11 _ Time Ended _____
Page 1 of 1
Start Location (UTM) Vault Laydown
End Location _ Observer Names: NS, MK
Temperature: -35 Wind Speed (km/hr): 30 Wind Direction: NW Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
								KM	Zone	Easting	Northing	

[1] Sex = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] Habitat = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] Behaviour = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] Direction of Travel = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: MARCH 13, 2019 **Time Started:** 9:30 **Time Ended:**

Temperature: -22°C **Wind Speed:** 9 Kph **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear In the morning, very foggy

Field Team: Martina Kathleen

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
12:41	Fox	1	Road	Eating	—	—	0	169	14W	0613723	7249551

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: MARCH. 14 2019 **Time Started:** 8:45 **Time Ended:** 11:30

Temperature: -19.9°C **Wind Speed:** 22.5 kph **Wind Direction:** North

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:** Clear

Field Team: MARTIN & KATHLEEN

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
9:18	Fox	1	Rocky	travelling	North	East	50	131	—	—	—
9:40	Muskok	19	Rocky	eating	—	West	150	143	14W	0621895	7236140
10:20	Muskok	1	Rocky	eating	—	west	100	157	14W	0620185	7241067

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: March 19, 2019 **Time Started:** 1:15 PM **Time Ended:** 5:55 PM

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:** Clear

Field Team: Martin

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
5:40 PM	caribou	4	ice	Walking	N/E	East	600	140	14W	0626832	7236240

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) March 20, 2019 **Time Started** 13:00 **Time Ended** 16:30 **Page** 1 **of** 1

Start Location (UTM) 14W0640044/7220672 **End Location** 14W0633072/7231638 **Observer Names:** V. Kutatnou, M. Keelak

Temperature: -15°C **Wind Speed (km/hr):** 19 **Wind Direction:** SSE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Blowing snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
					NO WILDLIFE SIGHTED								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

No H.O.C Today
Visibility Poor

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 03/20/19 **Time Started** 8:00 **Time Ended** 10:05 **Page** 1 **of** 2

Start Location (UTM) _____ **End Location** _____ **Observer Names:** MARTIN + KEVIN

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** (100m) 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
					No	Wildlife							
			Morning		Monitoring								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-02 **Time Started** 1:32 PM **Time Ended** 4:55 PM **Page** 1 **of** 1

Start Location (UTM) Vault Laydown **End Location** Amaruq **Observer Names:** Jo A. / Kathleen

Temperature: -20.2 **Wind Speed (km/hr):** 16.6 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:29	Muskok	2		LR	eating	—	200	N	155	14W	0619400	7240423	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 03/04/19 **Time Started** 13:30 **Time Ended** 18:40 **Page** 1 **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** MARINA KEVIN

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:55	caribou	37	unknown	HT	FO	NA	500	west	165	14W	0638192	7213521	
17:05	MUSK-OX	2	M, A	LR	FO	NA	500	west	152	14W	0618303	7238875	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

NA= Not available

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 04/04/19 **Time Started** 8:15 **Time Ended** 17:10 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** Amaruq **Observer Names:** MARTIN & KEVIN

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:25	caribou	61	unknown	LR	WS	S	250	west	120	14W	0618303	7238876	
11:20	caribou	34	unknown	LR	FO	N4	250	west	159	14W	0637195	7223114	
16:30	caribou	11	unknown	LR	WS	S	450	WEST	121	14W	0620587	7243604	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 05/04/2019 **Time Started** 8:25 **Time Ended** 13:20 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** Amaruq camp **Observer Names:** Martin.K, Kevin.M.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:25	Caribou	17	unKnown	HT	WS	NW	1500	west	134	14w	0620587	7243604	
12:45	caribou	13	unKnown	HT	FO/RE	NA	400	west	126	14w	0634967	7228473	
13:00	caribou	17	unKnown	HT	FO/WS	N	500	west	124	14w	0635657	7226261	
13:15	Caribou	22	unKnown	HT	WS	S	1000	west	118	14w	0638437	7221094	
15:53	caribou	24	unKnown	HT	RE	NA	200	west	125	14w	0635633	7227047	
16:28	MUSK-OX	2	unKnown	HT	FO	NA	50	west	143	14w	0623106	7235832	
17:05	caribou	7	unKnown	HT	ST/FO	NA	300	west	124				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 06/04/2019 **Time Started** 8:05 **Time Ended** 10:50 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** (Km 158) **Observer Names:** Jamie.K, & Kevin.M.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:11	wolF	1	unknown	Ro	WS	N	30	west	119	14w	0637830	7222147	
10:05	RoPT	1	unknown	Ro	ST	NA	100	west	142	14w	0624873	7235850	
11:33	caribou	50	unknown	ice	WS	E	2000	west	125	14w	0635682	7226039	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/04/2019 **Time Started** 7:35 **Time Ended** 16:50 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** Amaruq **Observer Names:** Nicolas.S & Kevin.M

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
15:45	musk-ox	2	unknown	RO	RE	NA	350	west	144	14w	0621902	7236145	
16:11	Fox	1	unknown	HT	WS	SW	0	west	129	14w	0633012	7231766	
16:45	Caribou	33	unknown	LR	Fo/ST	NA	650	west	116	14w	0640100	7220263	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 04/05/19 **Time Started** 14:35 **Time Ended** 17:50 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** km 163 **Observer Names:** MARTIN & KATHLEEN

Temperature: -13 **Wind Speed (km/hr):** 22 **Wind Direction:** SE **Visibility (circle):** 100m (500m–1km) >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
15:17	caribou	8	-	ICE	walk	N	250	W	133	14W	0631895	7233712	
16:15	caribou	30~	-	ICE	walk	N	200	W	160	14W	0620635	7244165	
17:45	CARIBOU	130~	-	H.T	FEEDING	/	250	W	112	14W	0640675	7217390	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Includes time to and from Amaruq.

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 04/09/19 **Time Started** 0810 **Time Ended** 1415 **Page** ___ **of** ___

Start Location (UTM) VAULT (START OF ROAD) **End Location** AMARUQ (RETURN) **Observer Names:** MARTIN H & MARTIN E

Temperature: -25 **Wind Speed (km/hr):** 15 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NIL

120
161

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0810	Hare	2	?	RO	WS	NA	10	S	116	14W	0638183	7213502	
0819	Hare	1	?	RO	ST	NA	25	E	118	14W	0638423	7221211	
0834	Hare	6	?	HT	FO	NA	100	W	126	14W	0635464	7227998	
0849	Hare	2	?	RO	RU	E	10	E	133	14W	0632545	7233640	
0915	Raven	3	?	NA	FL	S	300	W	146	14W	0621005	7236300	
1352	Caribou	22	F&Y	HT	FO	S	100	W	157	14W	0621021	7236303	see below (1)
1439	Muskox	2	M,A	HT	FO	S	75	W	146	14W	0620422	7236005	
1501	Raven	2	?	NA	FL	N	25	W	137	14W	0628753	7235793	
1515	Caribou	10	F&Y	HT	FO	NA	250	W	131	14W	0632941	7231904	All foraging
1533	Caribou	120	?	HT	FO	NA	300	W	126	14W	0635443	7228082	All foraging
1554	Raven	2	?	NA	FL	S	25	W	121	NW	0636793	7223568	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

(1) Group appeared to be approaching road but then veered away as if no traffic on the road. Road flags were flapping and may have been a factor.

NOTE: Survey is conducted in BOTH directions. (with break at Amaruq)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

To Amaruq return!

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 10/04/2019 **Time Started** 1423 **Time Ended** 1738 **Page** ___ **of** ___

Start Location (UTM) km 116 **End Location** km 116 **Observer Names:** Kathleen Newberry & Martin G

Temperature: -12 **Wind Speed (km/hr):** 10 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Nil

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1434	Caribou	20	F	HT	FO *RU①	NA	50	W	124	14W	0635641	7226470	See note①
1437	Caribou	20	F	HT	TR	W	75	W	125	14W	0635596	7226997	See note②
1443	Caribou	45	F, Y	HT	FO	NA	400	W	129	14W	0633556	7230800	
1452	Caribou	30	?	?	WS	N	1000	W	133	14W	0631765	7233946	
1459	Raven	1	?	NA	FL	S	200	W	139	14W	0626900	7236350	
1507	Wolverine	1	?	RO	RU	N	300	E	142	14W	0623411	7235893	
1511	Muskox	2	M, A	RO	FO	NA	100	W	146	14W	0620413	7235970	
1641	Caribou	12	F	HT	FO	NA	200	W	159	14W	0620857	7242630	
1709	Caribou	55	F, Y	HT	ST, AL	S	150	W	136	14W	0629603	7235091	
1734	Caribou	15	?	HT	FO	W	400	W	118	14W	0638500	7220927	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

① Some running as convoy passed
② Trotting away from road as convoy passed (response to traffic)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-11 **Time Started** 5:30 **Time Ended** 8:10 **Page** 1 **of** 1

Start Location (UTM) Vault Laydown **End Location** Km 133 **Observer Names:** Kathleen

Temperature: -13 **Wind Speed (km/hr):** 4 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:38	caribou	10	-	HT	FO, RE	-	600	W	119	14W	0638377	7221349	North Bound
5:49	caribou	20	-	HT	RE	-	300	W	122	14W	0636262	7224381	North Bound
5:53	caribou	70	-	HT	WS	N	300	W	123	14W	0635969	7224970	↓
6:08	caribou	40	-	HT	WS, RU	-	30-150	W	128	14W	0634041	7229611	↓
6:31	caribou	20	-	HT	FO, WS	-	500	W	133	14W	0632349	7233667	Northbound

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

- 2 caribou crossed at km 124. W to E
- 165 caribou crossed the road at km 119 → 14W 0637767 7222487 they were travelling W to E

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-12 **Time Started** 5:25 **Time Ended** 6:30 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** KM 130 **Observer Names:** Kathleen

Temperature: -8.6 **Wind Speed (km/hr):** 2.7 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:50	caribou	40	-	HT	RU,(1) WS	N	100	W	119	14W			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

1 the pick up scared them

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Page ____ of ____

Date (day/month/year) 2019-04-12 Time Started 13h30 Time Ended 15h30 Observer Names: Louis Dubois

Start Location (UTM) 1 MBK End Location AMQ Precipitation: C

Temperature: -8 Wind Speed (km/hr): 0 Wind Direction: — Visibility (circle): 100m 500m 1km (>1km)

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14h00	Caribou	20	—	HT	WS	E	800m	W-E	123				Crossing Road
14h05	Caribou	15	—	HT	WS	N	800m	W	129				
14h15	Caribou	1	—	HT	ST	—	1Km	W	133				
14h25	Caribou	100	—	HT	RU	N	800	W	135				
15h00	Muskox	2	—	HT	ST	—	50m	W	149				
15h25	Caribou	30	—	HT	WS	N	1Km	W	180				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)

[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-12 Time Started 8:00 Time Ended 9:30 Page ____ of ____

Start Location (UTM) AMQ End Location KM 130 Observer Names: [illegible]

Temperature: -10 Wind Speed (km/hr): 5 km Wind Direction: SSO Visibility (circle): 100m 500m 1km >1km Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8h30	Caribou	15	-	HT	WS	SW	500	W	137				
8h38	Caribou	10	-	HT	WS	N	500	W	133				
9:00	CARIBOU	70	-	"	WS	N	1 km	W	137				
9:05	CARIBOU	25	-	"	WS	N	2 km	E	133				
9:15	CARIBOU	40	-	"	WS	N	300 m	W	127				
9:15	CARIBOU	11	-	"	WQ	E	0	W→E	123				Crossing Road
9:15	CARIBOU	30	-	"	ST	-	700 m	W	123				
9:20	" "	100	-	"	WQ	E	0	W→E	121				Crossing Road
9:25	" "	40	-	"	WS	N	100 m	W	119				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 13-04-2019 **Time Started** 4:45 **Time Ended** 5:30 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Tom T

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** N/D

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:00	Caribou	50		HT	RE/FO	–	300	W	125				
5:10	Caribou	100		HT	RE/FO	–	150	W	129				
5:15	Caribou	100		HT	RE/FO	–	250	W	131				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 13-04-2019 **Time Started** 2:15 **Time Ended** 4:00 **Page** 1 **of** 1

Start Location (UTM) MBK. **End Location** KM 131 **Observer Names:** Kathleen

Temperature: -5.9 **Wind Speed (km/hr):** 28.3 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:20	caribou	50	-	HT	FO, RU	S	50	W	116	14W			
14:51	caribou	70	-	HT	WS, RU	N	crossed	E	126	14W			
15:00	caribou	6	-	HT	FO	-	500	W	129	14W			
15:30	caribou	100	-	HT	FO, WS	-	500	W	131	14W			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Page 1 of 1

Date (day/month/year) 2019-04-13 Time Started 14h00 Time Ended 16:30

Start Location (UTM) AMQ End Location KM 130 Observer Names: Louis Dubois

Temperature: -5°C Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: ____

Rock Ptarmigan

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14h00	Caribou	60	–	HT	FO	–	1KM	W	177				
14h45	Muskox	2	–	HT	AL	–	20	W	146				
14h52	Caribou	25	–	HT	WQ	SW	200	W	143				
14h55		3	–	HT	WQ	W	10	W	140				
15h00	Caribou	80	–	HT	AL	–	150	W	136				
15h03	"	40	–	HT	RE	–	300	W	135				
15h05	"	100	–	HT	AL	–	500	W	134				
15:55	"	8	–	HT	ST	–	300	W	164				
16:05	Snowy Owl	1	–	–	FL	W-7E	♡	W-7E	169				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-13 Time Started 4h45 Time Ended 6h10 Page ____ of ____

Start Location (UTM) AMQ End Location KM 145 Observer Names: Laura Duson

Temperature: -10 Wind Speed (km/hr): 0 Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5h00	Caribou	40	–	HT	AL	SW	800	W	166				
5h50	"	12	–	HT	RE	–	800	W	170				
5h55	"	6	–	HT	WS	SW	1 km	W	172				
6h00	"	80	–	HT	RE/FO	–	800	W	177				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/04/2019 **Time Started** 5:10 **Time Ended** 7:30 **Page** 1 **of** 1

Start Location (UTM) AMQ **End Location** KM 144 **Observer Names:** Kevin Martee

Temperature: -14°C **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:20	caribou	10	–	HT	WS	W	1200	West	175				
5:55	caribou	20	–	LR	ST/Fo	–	400	west	156				
6:10	musk-ox	2	–	LR	Fo	–	175	west	145				
6:40	Caribou	40	–	HT	WS	W	1500	west	154				
6:50	Arctic Fox	1	–	RO	WS	SE	0	East	155				crossed the road.
7:15	caribou	6	–	HT	WS	N	500	west	172				
7:30	caribou	12	–	HT	ST/Fo	–	250	west	177				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/04/2019 **Time Started** 15:25 **Time Ended** 17:35 **Page** 1 **of** 1

Start Location (UTM) AMQ **End Location** KM 145 **Observer Names:** Kevin Markee

Temperature: -7°C **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
15:35	caribou	13	–	HT	ST/FO	–	1000	west	174				
15:46	Caribou	21	–	HT	ST	–	450	west	167				
15:52	Caribou	36	–	HT	ST/RE	–	500	west	164				
16:35	musK-ox	2	–	RO	RE	–	800	west	145				
16:45	Caribou	10	–	HT	ST/FO	–	900	west	151				
17:00	Caribou	3	–	LR	ST	–	600	west	160				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14-04-2019 **Time Started** 2:30 **Time Ended** 5:10 **Page** 1 **of** 1

Start Location (UTM) Vault Laydown **End Location** KM 145 **Observer Names:** Kathleen

Temperature: -7 **Wind Speed (km/hr):** ~~NE~~ 15 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** -

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
15:17	caribou	10	-	HT	OB, W	N	50	W	119				
15:30	caribou	30	-	HT	FO	-	50	W	126				
15:42	caribou	5	-	HT	FO	-	500	W	129				
15:46	Caribou	25	-	HT	FO, RE	-	10	W	131				
15:54	caribou	25+39	F:Y	HT	FO, OB	S	200	W	133				
16:02	caribou	35		HT	FO, RE	-	200	W	135		~~crossing the road~~		
16:09	caribou	50		HT	WS, RV	-	0	W, E	136		crossing the road.		

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

MBK

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/APR/2019 **Time Started** 5:10 AM **Time Ended** 7:00 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** 14M 146 **Observer Names:** Jonathan Pauri

Temperature: -15 **Wind Speed (km/hr):** N/A **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:30	Caribou	30	M/F/A		MI	N/A	10 M	W	119				
5:45	Caribou	7	M/F/A		FO	N/A	500	W	127				
5:49	Caribou	25	M/F		FO	N/A	>500	W	136				
5:52	Caribou	17	M/F/A		WS	North	0	E→W	138				Crossing Road
5:52	Caribou	11	M/F/A		RE	N/A	71000	—	138				
6:15	Caribou	200	M/F/A		RE	None	200	S	140				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 15/Apr/2019 **Time Started** 7:55 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Vault Laydown **End Location** _____ **Observer Names:** Jonathon Rawes (WK

Temperature: -20 **Wind Speed (km/hr):** 0 **Wind Direction:** NSW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Nil

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:00	Caribou	200	Mix	LR	WQ	N	100	N	119				
8:16	Caribou	12	Mix		WS	NW	200	W	125				
9:00	Caribou	5	Mix		FO	NW	300	W	135				
9:25	Caribou	10	Mix		FO	—	2000	W	129				
9:59	Caribou	30	Mix		WS	NW	3000	SS	118				
9:59	Caribou	60	Mix		FO	—	50	S	168		appears to	ridge	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 15-04-2019 **Time Started** 2:00 **Time Ended** 17:18 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** AMQ **Observer Names:** Kathleen

Temperature: -14 **Wind Speed (km/hr):** 28 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** -

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
	caribou	60	-		RE	N	100	W	119				
14:34	caribou	200	-	HT	FO, W, RU	N	100	W, E	120		Crossed at 126KM		
15:35	caribou	30	-	HT	FO, W	N	200	W	126				
15:43	caribou	100	-	HT	FO, W	N	300	W	132				
	SOUTH BOUND												
16:55	caribou	70	-	HT/ICE	W, FO	N, S	200	W	129				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 16/04/2019 **Time Started** 5:30 **Time Ended** 6:00 km **Page** 1 **of** ____

Start Location (UTM) Vault **End Location** Km 119 **Observer Names:** JGauthier Pam

Temperature: -22 **Wind Speed (km/hr):** — **Wind Direction:** — **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Nor

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:39	Caribou	25	M/F	TEE	WS	E	>1Km	S	117				on Lake
5:42	Caribou	~~X~~00	M/F		MI-FO	-	Varies	S	117		Km 120		
	Hundreds of Caribou From								Km 117 All the				
	Way to Km 120 & more												
	- Right By The Road along South Side												

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 18/09/2019 Time Started 16H40 Time Ended 18H55 Page 1 of 1

Start Location (UTM) 65°01'57" 96°09'21" End Location 65°02'14" 96°03'58" Observer Names: ST

Temperature: -19 Wind Speed (km/hr): 17 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
17:00	CARIBOU	40	M/F A	TUNDRA	WS	EAST	200	W	168	14W	0614616	7248623	
17:13	"	50	M/F A	RO	WS	EAST	600	W	163	14W			
17:52	"	50	"	RO	WS	EAST	200	W	143	14W	0623463	7235954	
18:07	"	100	"	RO	WS	EAST	150	W	133	14W	0631770	7233871	
18:11	"	120	"	TUNDRA	WQ	EAST	200	W	131	14W	0632353	7232353	
18:23	"	75	"	RO	WS	EAST	300	W	123	14W	0635976	7224944	
18:29	"	50	"	RO	WQ	EAST	200	W	120	14W	0637756	7222607	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 18/09/2019 **Time Started** 13H45 **Time Ended** 16 H20 **Page** 1 **of** 1

Start Location (UTM) 65°02'14" 96°01'53" **End Location** 65°01'51" 96°09'21" **Observer Names:** SAMUEL TAAP

Temperature: -20 **Wind Speed (km/hr):** 17 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14H25	CARIBOU	45	M/F A	TUNDRA	WS	EAST	200	W	125	14W	0635587	7226952	
14H49	CARIBOU	55	M/F A	TUNDRA	WQ	EAST	150	W	133	14W	0631790	7233871	
15H22	"	50	M/F A	TUNDRA	WS	EAST	200	W	149	14W	0622609	7236003	
15H50	"	20	M/F A	TUNDRA	WS	EAST	100	W	157	14W	0620590	7243990	
16H01	"	36	M/F A	TUNDRA	WQ	EAST	200	W	169	14W	615506	7247657	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 19/09/2019 Time Started 6:20 Time Ended 8:40 Page 1 of 1

Start Location (UTM) 65° 02' 14" 96° 03' 58" End Location 65° 01' 51" 96° 04' 21" Observer Names: ST

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:35	CARIBOU	30	M/F A	RO	WS	EAST	100	W	119	14W	637865	7222085	
6:41	"	70	M/F A	RO	WS	EAST	50	W	123	14W	635976	7224944	
6:55	"	60	M/F A	T	WS	EAST	100	W	132	14W	632705	7233006	
7:03	"	120	M/F A	T	WS	EAST	150	W	138	14W	628200	723609	
7:18	"	3	M A	T	WS	EAST	0-100	W/E	142	14W	624300	7235841	
7:41	"	50	M/F A	T	WS	EAST	100	W	148	14W	619539	7235772	
8:21	"	20	M/F A	T	WQ	EAST	250	W	169	14W	611859	7250315	
8:39	"	100	M/F A	T	WS	EAST	200	W	177	14W	610434	7255226	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed) T = TUNDRA

[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 19/04/2019 Time Started 11:10 Time Ended 13H45 Page 1 of 1

Start Location (UTM) 65°01'50" 96°24'21" End Location 65°02'19" 96°03'58" Observer Names: ST

Temperature: -13 Wind Speed (km/hr): 13 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:15	CARIBOU	125	M/F A	T	WS	EAST	150	W	172	14W	610434	7255226	
11:19	"	150	M/F A	T	WS	EAST	1400	W	179	14W	611446	7252633	
11:49	"	30	"	RO	WQ	NORTH	300	W	193	14W	623463	725594	
11:55	"	100	"	T	WS	EAST	900	W	139	14W	628200	7236101	
12:00	"	400	"	T	WQ	EAST	0-500	W/E	138	14W	628200	7236109	
12:21	"	80	"	T	WS	EAST	800	W	134	14W	631159	7234273	
12:41	"	90	"	RO	WS	NORTH	400	W	131	14W	632845	7232353	
12:59	"	30	"	T	WS	NORTH	250	W	124	14W	635656	7226266	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

1 STHUNDRA

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 19/09/2019 Time Started 14H30 Time Ended 16H50 Page 1 of 1

Start Location (UTM) 65°02'19"-96°03'18" End Location 65°01'51"-96°09'21" Observer Names: ST SA

Temperature: -17 Wind Speed (km/hr): 10 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14H55	CARIBOU	24	M/F A	T	WS	EAST	800	W	118	14W	606560	7257300	
15A11	"	39	M/F A	T	WS	EAST	360	W	129	14W	633689	7230 60	
15:29	"	29	M/F A	T	ST	EAST	500	W	134	14W	631159	7234233	
15:37	"	6	"	RO	WQ	EAST	400	W	135	14W	630373	7234694	
15:40	"	10	"	T	WS	E	300	W	136	14W	629641	7235065	
15:42	"	12	"	RO	WS	E	400	W	138	14W	62800	7236109	
15:49	"	8	"	T	WQ	E/W	0-300	W/E	140	14W	607780	7255591	
15:52	"	140	"	RO	WS	E	50	W	141	14W	608084	7255071	
16:07	"	46	"	T	WS	E	100	W	148	14W	619539	7235772	
16:09	"	63	"	RO	WS	E	300	W	149	14W	619180	7236527	
16:28	"	36	"	T	RE	E	300	W	164	14W	/		
16:36	"	64	"	T	WS	E	200	W	166	14W	615506	7247657	
16:40	"	9	"	RO	WS	E	400	W	168	14W	614616	7248623	
16:46	"	17	"	T	WQ	E	200	W	174	14W	611446	7252633	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting); ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

T: TUNDRA

BA

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 2019-04-21 Time Started 8:05 Time Ended 12:30 Page 1 of 1

Start Location (UTM) 65°01'57"96°09'21" End Location 65°02'14"96°03'58" Observer Names: ST JA

Temperature: -22 Wind Speed (km/hr): 15 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:35	CARIBOU	117	M/F A	T	RE/WS	N	750	W	176	14W	0610806	7254948	
8:43	CARIBOU	160	"	T	RE/WS	N	200	W	172	14W	0611879	7250308	
8:55	"	16	"	T	WS	N	300	W	165	14W	0616692	7247127	
9:31	MUSKOX	9	A	T	WS	W	200	W	156	14W	0620314	7241123	
9:37	CARIBOU	83	M/F A	T	WS	S	300	W	153	14W	0618341	7238948	
9:46	"	32	"	T	WS	W	500	W	148	14W	0620202	7235397	
10:31	CARIBOU	51	"	T	WS	W	100	W	140	14W	0626893	7236698	
10:43	"	15	"	T	WS	E	150	W	131	14W	0632894	7232285	
10:53	"	38	"	T	WS	N	600	W	124	14W	0635825	7226562	
11:32	"	48	"	T	WS	N	800	W	118	14W	0638349	7221469	
12:07	"	31	"	T	WS	E	500	W	117	14W	0639366	7220619	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)

[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed) T = TUNDRA

[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)

[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AB

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 2019-04-21 **Time Started** 14:05 **Time Ended** 16:00 **Page** 1 **of** 1

Start Location (UTM) 65°02'14"96° **End Location** 65°01'51" 96°09'21" **Observer Names:** ST JA

Temperature: -19 **Wind Speed (km/hr):** 15 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1446	Caribou	46	M/F A	T	WS	E	300	W	115	14W	0640039	7220408	
1431	"	20	M/F A	T	WS	E	500	W	1.77	14W	0634824	7228582	
1438	"	48	M/F A	T	RU	N	400	W	131	14W	0632849	7233368	
1446	"	14	M/F A	T	WQ	E	250	W	135	14W	0630271	7230277	
1449	"	34	M/F A	T	WS	S	200	W	136	14W	0629627	7235075	
1520	"	4	M/F A	T	WS	N	150	N	155	14W	0620079	7240974	
1522	muskox	9	M/F A	T	WS	N	200	N	157	14W	0621073	7241920	
1527	Caribou	15	M/F A	T	RE	N	50	E	160	14W	0620617	7244887	
1541	"	108	M/F A	T	RE	W	250	W	170	14W	0613141	7249857	
1550	"	48	M/F A	T	RE	NA	300	W	172	14W	0611345	7253563	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 20/09/2019 Time Started 6H10 Time Ended 8H52 Page 1 of 4

Start Location (UTM) 65° 01' 51" 96° 09' 29" End Location 65° 02' 19" 96° 03' 58" Observer Names: ST JA.

Temperature: -18 Wind Speed (km/hr): 11 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:17		15	M/F A	RO	WS	EAST	500	W	176	14W	0611081	7254517	
6:29		110	M/F A	RO	WS	NORTH	100	W	172	14W	0611859	7250315	
6:37		45	M/F A	RO	TR	NORTH	200	W	167	14W	0615506	7247657	
6:53		30	M/F A	RO	WS	EAST	150	W	159	14W	0620571	7243589	
7:21		10	M/F A	RO	WS	NORTH	250	W	149	14W	0622981	7235837	
7:32		60	M/F A	RO	TR	SOUTH	150	W	138	14W	0627890	723 6272	
7:90		30	M/F A	RO	WS	WEST	0-150	E/W	137	14W	0629318	7235416	
7:53		60	M/F A	RO	WS	EAST	100	E/W	134	14W	0631195	7234214	
8:07		17	M/F A	RO	TR	WEST	100	W	128	14W	0633954	7229948	
8:27		20	M/F A	RO	RE	NA	75	W	119	14W	0637940	722 1982	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR | Vault Haul Road | Whale Tail Haul Road

Date (day/month/year) 20/04/2019 Time Started 11:40 Time Ended 15:40 Page 1 of 1

Start Location (UTM) 65°02'14" 96°03'58" End Location 65°01'51" 96°09'21" Observer Names: ST JA

Temperature: -15 Wind Speed (km/hr): 11 Wind Direction: N Visibility (circle): 100m 500m 1km >1km Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:50	CARIBOU	43	M/F A	T	RE	NA	200	W	117	14W	0639573	7220987	
12:26	"	37	M/F A	T	WS	SOUTH	150	W	122	14W	0636618	7223800	
13:02	"	45	"	T	RU/WS	EAST	300	W	129	14W	0635687	7227180	
13:11	"	52	"	T	WS	SOUTH	400	W	129	14W	6633723	7230208	
1400	"	46	"	T	WS	W	300	W	146	14W	0620377	7235848	
14:14	"	34	"	T	WS	N	400	W	155	14W	0618696	7239757	
1421	"	44	"	T	WS	S	400	W	158	14W	0620859	7242668	
14:41	"	9	"	T	WS	N	350	W	160	14W	0620623	7244736	
14:57	"	199	"	T	TR/WS	N	700	W	170	14W	0613754	7249528	
15:14	"	32	"	T	WS	N	1000	W	177	14W	0610892	7254900	
15:29	"	40	"	T	RE	NA	400	W	177	14W	0610907	7255270	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

B-A

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 22/04/2019 Time Started 8:10 Time Ended 10:05 Page 1 of 1

Start Location (UTM) 65°01'51"N 96°09'12"W End Location KM 132 Observer Names: ST JA

Temperature: -18 Wind Speed (km/hr): 14 Wind Direction: NW Visibility (circle): 100m 500m 1km >1km Precipitation: Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:16	CARIBOU	121	M/F A	T	RE WS	NORTH	100	W	176	14W	0610740	7254659	
8:22	"	9	"	T	WS	SOUTH	350	W	174	14W	0611462	7252258	
8:27	"	11	"	T	WS	NORTH	200	W	172	14W	0611902	7250299	
8:35	"	59	"	T	RE WS	WEST	50	W	167	14W	0613611	7247520	
8:47	"	29	"	T	RE WS	W	50	W	161	14W	0620499	7245480	
9:00	MUSKOX	9	A	T	WS	N	200	W	158	14W	0620852	7242808	
9:09	CARIBOU	25	M/F A	T	WS	W	50	W	153	14W	0618679	7239714	
9:29	"	17	"	T	WS	S	300	W	143	14W	0623705	7235882	
9:37	"	32	"	T	WS	S	150	W	138	14W	0627603	7236413	
9:42	"	17	"	T	WS	W	200	W	136	14W	0629353	7235375	
9:49	"	9	"	T	WS	N	50	W	133	14W	0631890	7233696	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AB

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 22/04/2019 Time Started 13:35 Time Ended 15:20 Page 1 of 1

Start Location (UTM) 65°01'51" 96°09'21" End Location KM 132 Observer Names: ST JA

Temperature: -15 Wind Speed (km/hr): 14 Wind Direction: NW Visibility (circle): 100m 500m 1km >1km Precipitation: Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:37	CARIBOU	13	M/F A	T	WS	EAST	100	W	177	14W	0610348	7255321	
13:41	"	5	"	T	WS	E	50	E	177	14W	0610348	7255321	
13:57	"	29	"	T	WS	W	200	W	171	14W	0612501	7250098	
14:52	"	12	"	T	WS	N	200	E	143	14W	0624305	7235826	
14:57	"	15	"	T	RE	NA	300	W	139	14W	0626734	7236128	
15:07	"	158	"	T	WS	E	1200	W	134	14W	0631341	7234139	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

April 23RD - AM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 23/04/2019 **Time Started** 815 **Time Ended** 925 **Page** 1 **of** 3

Start Location (UTM) 65°01'51"96°09'21" **End Location** 65°02'14"96°03'58" **Observer Names:** J.A., S.T.

Temperature: -23 **Wind Speed (km/hr):** 2 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** R

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
810	Caribou	200	M/F	T	RE	N.E	50	W	178		610275	7255384	
820	"	16	M/F	T	RE	NE	100	W	178		611262	7254224	
824	"	74	M/F	T	RE	NE	75	W	174		611262	725422	
831	"	8	M/F	T	SW	NE	200	W	173		611430	7250904	
831	"	22	M/F	T	SW	NE	150	W	171		612366	7250141	
841	"	32	M/F	T	RU	NE	100	W	170		613104	7249875	
846	"	80	M/F	T	SW	NE	150	W	166		615781	7247491	
851	"	75	M/F	T	SW	SW	75	W	165		617109	7247024	
856	"	24	M/F	T	RU	SW	300	W	164		619065	7246872	
901	"	84	M/F	T	SW	NE	200	W	160		620622	7244808	
905	"	34	M/F	T	SW	NE	75	W	160		620630	7244216	
908	"	4	M/F	T	RU	E	50	E	159		6200812	7243056	
914	"	20	M/F	T	RU	E	100	W	158		620877	7242318	
915	Mus	9	M/F	T	RU	E	50	E	157		621032	7241609	
921	Caribou	16	M/F	T	SW	NE	75	W	153		618488	7239240	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

700

April 23RD - AM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 23/04/2019 **Time Started** 925 **Time Ended** 1044 Page 2 of 3

Start Location (UTM) 65°02'14"96°03'58" **End Location** 65°02'14"96°03'58" **Observer Names:** J.A. S.T.

Temperature: -23 **Wind Speed (km/hr):** 2km **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
925	Caribou	125	M/F	T	SW	NE	25	W	152		617648	7238164	
940	"	15	M/F	T	SW	NE	75	W	148		619966	7235317	
945	"	2	M/F	T	SW	NE	50	E	146		620661	7236303	
955	"	24	M/F	T	SW	SE	75	W	140		626041	7235863	
957	"	32	M/F	T	SW	NE	100	E	139		627526	7236446	
957	"	75	M/F	T	SW	NE	100	W	138		627688	7236371	
1003	"	25	M/F	T	SW	NE	75	W	136		629201	7235570	
1005	"	65	M/F	T	SW	NE	75	W	136		629672	7234910	
1015	"	5	M/F	T	RU	NE	300	W	131		630029	7231726	
1021	"	10	M/F	T	SW	NE	200	W	127		634402	7228949	
1028	"	8	M/F	T	SW	NE	250	W	124		635856	7225287	
1032	"	15	M/F	T	SW	NE	100	W	121		636789	7223570	
1040	"	35			SW	NE	75	W	118		638233	7221578	
1042	"	150	M/F	T	SW	NE	100	W	117		639120	7221038	
1044	"	35	M/F	T	SW	NE	50	E	117		639663	7220953	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

April 23 - AM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 23/04/2019 **Time Started** 1044 **Time Ended** 1105 **Page** 3 **of** 3

Start Location (UTM) 65°01'51"96°09'24" **End Location** 65°02'14"96°03'58" **Observer Names:** JA. ST

Temperature: -23 **Wind Speed (km/hr):** 2KM **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1050	caribou	200	M/F	T	SW	NE	350	E	113		359050	7217875	
1055	11	100	M/F	T	SW	NE	450	W	112		360806	7217495	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

April 23RD - PM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 23/04/2019 **Time Started** 13:46 **Time Ended** 15:08 **Page** 1 **of** 2

Start Location (UTM) 65°02'14"/96°05'58" **End Location** 65°01'51"/96°09'21" **Observer Names:** J.A. F.L.

Temperature: -23 **Wind Speed (km/hr):** 7km **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** C

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1403	Caribou	25	M/F	T	SW	NE	75	E	114		359198	7218306	
1411	"	50	M/F	T	SW	NE	600	W	115		639282	7221026	
1414	"	100	M F	T	SW	NE	200	W	118		638771	7221375	
1416	"	55	M/F	T	SW	NE	100	W	119		637779	7222212	
1420	"	60	M/F	T	SW	NE	75	W	121		636878	7223456	
1425	"	35	M/F	T	SW	NE	100	W	122		635787	7225417	
1427	"	200	M/F	T	E	NE	50	W	124		635704	7225898	
1430	"	125	M/F	T	SW	NE	75	W	124		635633	7226497	
1435	"	29	M/F	T	SW	NE	100	W	127		634828	7228582	
1440	"	38	M/F	T	SW	SE	200	W	130		633394	7231226	
1445	"	375	M/F	T	SW	NE	300	W	134		631547	7234044	
1447	"	25	M/F	T	SW	SE	200	W	135		630955	7234660	
1455	"	78	M/F	T	SW	NE	75	W	136		629638	7235069	
1457	"	75	M/F	T	SW	NE	50	W	137		628475	7235959	
1505	"	30	M/F	T	SW	NE	150	W	142		624246	7234246	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

April 23rd PM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

MB to AWAR

Date (day/month/year) 23/04/2019 **Time Started** 1508 **Time Ended** 16:20 Page 2 of 2

Start Location (UTM) 65°02'14.11" 96°03'58" **End Location** 65°01'51" 96°09'21" **Observer Names:** J.A. F.L

Temperature: -23 **Wind Speed (km/hr):** 2KM **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1514	Caribou	70	M/F	T	SW	NE	800	W	147		620319	7235612	
1521	11	8	M/F	T	SW	NE	150	W	151		617963	7237616	
1524	11	20	M/F	T	SW	NE	250	W	152		618176	7238649	
1526	11	200	M/F	T	SW	NE	100	W	154		618856	7239999	
1530	11	200	M/F	T	SW	NE	200	W	156		620835	7241298	
1536	11	450	M/F	T	SW	NE	50	W	157		620859	7242664	
1539	11	650	M/F	T	NE	NE	75	W	159		620599	7243723	
1545	11	100	M/F	T	SW	NE	100	W	162		619701	7246268	
1552	11	20	M/F	T	SW	NE	200	W	167		615488	7249679	
1558	11	50	M/F	T	SW	NE	300	W	169		613601	7249615	
1605	11	600	M/F	T	NE	NE	400	W	174		611451	7252655	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

5287

April 24th

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 24/04/2019 Time Started 8:15 Time Ended 10:22 Page 1 of 3

AMQ to MB Start Location (UTM) 65°02'14" 96°03'58" End Location 65°01'51" 96°09'21" Observer Names: JA FL

Temperature: -9 Wind Speed (km/hr): 37 Wind Direction: NNE Visibility (circle): 100m 500m 1km (>1km) Precipitation: Blizzardous

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
819	Caribous	350	M/F	T	NE	NE	75	W	176		609944	7255539	
840	"	160	M/F	T	WS	NE	75	W	166		6014717	7248496	
843	"	150	M/F	T	WS	NE	50	W	166		6015785	7247493	
846	"	90	M/F	T	WS	NE	100	W	165		617320	7246996	
849	"	100	M/F	T	NE	NE	100	W	164		618055	7246930	
852	"	156	M/F	T	WQ	NE	75	W	163		619535	7246274	
922	"	15	M/F	T	WQ	NE	50	W	150		618567	7236626	
940	"	30	M/F	T	WS	NE	50	W	140		625944	7235887	
942	"	75	M/F	T	NE	NE	75	W	139		626867	7236328	
945	"	45	M/F	T	SW	NE	100	W	138		627459	7236466	
948	"	25	M/F	T	SW	NE	200	W	137		628355	7236024	
950	"	450	M/F	T	RE	NE	100	W	136		629513	7235170	
1014	"	62	M/F	T	SW	NE	200	W	126		635451	7228050	
1015	"	250	M/F	T	WQ	NE	250	W	124		635592	7226828	
1022	"	175	M/F	T	WQ	NE	200	W	124		636623	7223791	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

NE
RY WQ
WS

6871

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR · Vault Haul Road · Whale Tail Haul Road

Date (day/month/year) 24/04/2019 Time Started 1032 Time Ended 1050 Page 2 of 3

Start Location (UTM) _____ End Location _____ Observer Names: JA FL EP

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: N-NE Visibility (circle): 100m 500m 1km (>1km) Precipitation: Blizzardous

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1025	Caribous	650	M/F	T	SW	NE	50m	W	121		637180	7223144	
1027	"	150	M/F	T	WQ	NE	25	E	119		637770	7222406	
1029	"	300	M/F	T	WQ	NE	25	W	119		637788	7222238	
1417	Caribous	50	M/F	T	WS	NE	300	W	119		0637766	7222462	Low
1421	Caribous	200	M/F	T	RE	NE	1200	W	121		0636746	7223623	Visibility
1423	Caribous	200	M/F	T	RE	NE	150	W	122		0636740	7224417	
1426	Caribous	20	M/F	T	WQ	NE	50	W	124		0635673	7226143	
1431	Caribous	200	M/F	T	WS	NE	500	W	126		0635457	7227806	
1437	Caribous	60	M/F	T	WQ	NE	70	W	128		0633744	7230108	
1442	Caribous	30	M/F	T	WS	NE	200	W	131		0632929	723 2113	
1448	Caribous	10	M/F	T	WS	NE	200	W	134		0631162	723 4233	
1452	Caribous	200	M/F	T	WS	NE	150	W	136		0629646	7235066	
1500	Caribous	200	M/F	T	WS	NE	400	W	139		0626590	7236038	
1507	Caribous	150	M/F	T	WS	NE	50/200	W	140		0626106	723 5854	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 24/04/2019 Time Started 1400 Time Ended 1625 Page 3 of 3

Start Location (UTM) MB End Location AMQ Observer Names: EL FP

Temperature: -11°C Wind Speed (km/hr): 37 Wind Direction: N-NE Visibility (circle): 100m (500m) (1km) >1km Precipitation: S

Gusting 50-70 km/h Visibility not so good Blizzardous

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1510	Caribous	50	M/F	T	WS	NE	100	W	143		0623005	7235826	
1523	Caribous	30	M/F	T	WG	NE	800	W	149		0619067	7336671	
1545	Caribous	150	M/F	T	RE	NE	800/1K	W	160		0620594	7245844	
1552	Caribous	125	M/F	T	RE	NE	1000	W	164		0617793	7246906	
1601	Caribous	150	M/F	T	RE	NE	800	W	169		0614132	7249172	
1619	Caribous	350	M/F	T	RE	NE	1000	W	178		0609500	7255662	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

122 135
126 137
127

April 25th AM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road ✓

AWAR = MB

Date (day/month/year) 2019-04-25 **Time Started** 8:07 **Time Ended** 11:00 **Page** 1 **of** 2

Start Location (UTM) 65 02 14.9 6035 E **End Location** 65 015 +96 0921 **Observer Names:** Fanny Lapointe & Guy

Temperature: -23 **Wind Speed (km/hr):** ____ **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ☒

30km / Gusting 60 Forecast

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:17	caribous	15	M/F	T	WS	S	1.7KM	W	175		0611363	7253410	
8:22	CARIBOU	200	M/F	T	FO	N/E	1.4KM	W	172		0611498	7251441	
8:24	CARIBOUS	200	M/F	T	WS	N/E	100	W	171		0611667	7250440	
8:47	CARIBOUS	250	M/F	T	WS	N/E	250	W	165		0616912	7247045	
8:52	CARIBOUS	150	M/F	T	RE-FO	N/E	50	W	162		0619240	7246521	
8:59	CARIBOUS	200	M/F	T	RE-FO	N/E	800	W	160		0620584	7245134	
9:06	CARIBOUS	100	M/F	T	RE-FO	NE	50	W	157		0620967	7242120	
9:56	CARIBOUS	15	M/F	T	RE-FO	NE	1.5km	W	139		0627534	7236442	
9:59	CARIBOUS	25	M/F	T	RE	NE	400	W	135		0630445	7234690	
10:01	CARIBOUS	150	M/F	T	WS	NE	1.4KM	W	130		0631205	7234204	
10:24	CARIBOUS	50	M/F	T	WS	NE	450	W	123		0635820	7225356	
1025	CARIBOUS	50	M/F	T	WS	NE	100	E	122		0636375	7224136	
1031	CARIBOUS	25	M/F	T	ST	NE	100	W	119		0637777	7222365	
1036	CARIBOUS	100	M/F	T	RE	NE	1.5KM	E W	117		0639048	7221044	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

April 25th PM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-25 **Time Started** 14:43 **Time Ended** _____ **Page** 2 **of** 2

Start Location (UTM) Meadowbank **End Location** AMARUQ **Observer Names:** Fanny / Caleb JDOOM

Temperature: -17 **Wind Speed (km/hr):** 30 **Wind Direction:** N/W **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** No clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1457	Caribou	60	M/F	T	ST	N/E	1.0km	W	112	14W	0640457	7217249	
1504	" "	200	M/F	T	ST	N/E	1.5km	W	116	14W	0640041	7280387	
1527	" "	20	M/F	T	ST	N/E	1.0km	E	126	14W	0635492	7227711	
1529	" "	15	M/F	T	ST	N/E	750m	W	126	14W	0635492	7227711	
1534	" "	15	M/F	T	TR	N/E	400m	W	128	14W	0634524	7228904	
1542	" "	100	M/F	T	ST	N/E	1.7km	W	129	14W	0633584	7230691	
1543	" "	40	M/F	T	ST	N/E	500m	W	132	14W	0632001	7233616	
1635	" "	150	M/F	T	ST	N/E	2.0km	W	133	14W	0631501	7234065	
1641	" "	200	M/F	T	ST	N/E	1.2km	W	160	14W	0620590	7243985	
1657	" "	15	M/F	T	ST	N/E	10m	W	163	14W	0619799	7246251	
1705	" "	300	M/F	T	ST	N/E	1.0km	W	169	14W	0613179	7249841	
		10	M/F	T	RE	N/E	1.1km	W	175	14W	0611437	7253029	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 01-25-2019 **Time Started** 12:00 **Time Ended** 14:50 **Page** ___ **of** ___

Start Location (UTM) _____ **End Location** _____ **Observer Names:** N. Saucier, Gabriel

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
	Caribou	30					800	W	118		0638554	7220926	
	Caribou	60					1km	W	128		0633726	7230190	
	Caribou	20			walking		200	W	131		0632941	7232085	
	Caribou	50			feeding		75	W	131		0632850	7232661	
	Caribou	90			Feeding		500	W	133		0630917	7234381	
	Caribou	85			feeding		500	W	133		0630374	7234697	
	Caribou	5					50	W	138		0628869	7235751	
	Caribou	35			bedding		500	W	156		0620527	7241148	
	Caribou	120					200	W	161		0620588	7245101	
	Caribou	55			Feeding		400	W	164		0617944	7246923	
	Caribou	70			Feeding		500	W	165		0617340	7246986	
	Caribou	100			Walking		400	W	167		0615808	7247501	
	Caribou	28					300	W	169		0613665	7249577	
	Caribou	40			bedding/ feeding		800	W	175		0613448	7253587	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

136

April 26th

AM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-26 **Time Started** 8:30 **Time Ended** 11:00 **Page** 1 **of** 2

Start Location (UTM) AMQ -6502149603 58 **End Location** MB-65-0151969 21 **Observer Names:** Fanny Laporte / Stephen Potvin

Temperature: -24 **Wind Speed (km/hr):** 18 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

SUNNY

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8h40	CARIBOU	60	M/F	T	TR	N/E	300m	W	171		0611616	7250487	
8h50		40			ST	N/E	500m	W	164		0617298	7246892	
9h00		45			WQ	S/E	500m	W	160		0620617	7244886	
9h		2			ST	E	125m	E	159		062 0382	724 3955	
9h05		20			RE	S/E	700m	W	158		062 0628	7243457	
9h10		350			RE	N/E	350m	W	157		062 1107	724 1855	
9h25		20			TR	N/E	335m	W	151		0617664	723 81 36	
9h28		20			RU	N/E	200m	W	150		0618486	7236655	
9h32		60			RU	N/E	300m	W	148		061 9911	7235307	
9h40		25			RU	N/E	800m	W	145		062 1805	7236157	
9h45		15			DI	N/E	800m	W	142		0624287	7235824	
9h50		30			RU	N/E	1.1km	W	138		062 7643	7236393	
9h55		70			ST	N/E	200m	W	136		062 9399	7235316	
10h10		10			RU	N/E	800m	W	128		063 4163	7229505	
10h15	↓	10	↓	↓	ST	N/E	600m	W	126		0635265	7228368	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

tracks of
• Crossing 123 km
e

Foraging evidence
• Trace 127 km
(eat)

PM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 26-04-2019 **Time Started** 8:20 **Time Ended** 15:40 **Page** 2 **of** 2

Start Location (UTM) MB 650151 96921 **End Location** AMQ 6502149 6035B **Observer Names:** Fanny Lapoint / Annie Vigneau

Temperature: -18 PM **Wind Speed (km/hr):** 7 **Wind Direction:** S-SW. **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10h15	caribou	30	M/F	T	TR	E	600m	W	126		0635265	7228368	
10h35		65			TR	E	800m	W	117		0638790	7220921	
PM ↓													
1:35		75			ST	S	700m	W	124		0635661	7226257	
1:40		35			ST	N/A	700m	W	127		06355181	7228401	
2:00		25			FO	N.A	500m	W	136		0629753	7234989	
2:00		160			FO+RE	N.A	1.6km	W	137		0629311	7235425	
2:15		10			FO	N.A	800m	W	143		0624167	7235791	
2:30		20			WS	S	3.21km	W	151		0617957	7237628	
2:35		125			WS	S	250m	W	152		0617660	7238343	
2:40		150			FO	NA	2km	W	155		0619771	7240727	
2:50		150			ST-RE	NA	1.6km	W	158		0620863	7242417	
3:10		100			FO	NA	1km	W	166		0615810	7247494	
315		75			WS	W	2km	W	168		0614777	7248421	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

100 ~~Caribou~~ ~~2 skm P.T~~

~~REM: (4km DR(?))~~
10:35 ~~50km~~ west mcmoth | Other

APR. 28th

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 28.04.2019 **Time Started** 8:05 **Time Ended** 11:15 **Page** 1 **of** 1

Start Location (UTM) AMQ **End Location** KM 137 (see data) ↓ **Observer Names:** ~~FL~~ – Annie Vigneault

Temperature: −20 **Wind Speed (km/hr):** 6 **Wind Direction:** S-SW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:25		25			FO	NA	1-1.6km	E	169		0613416	7249723	
8:27		2			WS	S	400m	W	169		0613416	7249723	
8:50	Grizzly	2			RU	NE	Cross road	E	137		0621064	7241940	
9:15		2			TR	W	25m	W	149		0618819	7236646	
9:30		5			FO	NA	700m	W	142		0624854	7235855	
9:35		20			WS	S	2km	W	138		0627816	7236275	
9:45		10			ST	NA	150m	W	135		0630086	7234756	
9:45		24			FO	NA	900m	W	135		0630365	7234690	
11:05		6			FO	NA	1000M	W	132		0632074	7233609	
11:06		29			FO	NA	1500M	W	132		〃	〃	
11:15		15			WS	N	150M	W	137		0628816	7235769	
					The crew takes over								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Traverse 160 under Bridge April 29th

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 29/04/2019 **Time Started** 8:10 **Time Ended** 11:05 **Page** 1 **of** ____

Start Location (UTM) AM6 **End Location** MB **Observer Names:** ~~TANYA LAPOINTE~~ / Sebastien Byles

Temperature: -24 **Wind Speed (km/hr):** 21 **Wind Direction:** N-N/W **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Q

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:12	Caribou	250		T	ST-FO	NA	100-800	W	177		0610643	7255094	
8:21	"	24		T	ST-FO	NA	700	W	175		0611363	7253412	
8:24	"	50		T	ST-FO	NA	1000	W	174		0611456	7252442	
8:25	"	65		T	ST-FO	NA	600	W	173		0611520	7251953	
8:27	"	45		T	ST-FO	NA	500	W	172		0611573	7250536	
8:31	"	25		T	WS-FO	NA	100	E	170		0612632	7250046	
8:31	"	35		T	WS-FO	NA	150	W	170		0612632	7250046	
8:39	"	150		T	ST-FO	NA	800-1500	W	169		0613663	7249561	
8:47	"	25		T	ST-FO	NA	600	W	166		0616030	7247393	
8:49		130		T	WS-FO	S	200	W	165		0616614	7247158	
8:54		150		T	WS-FO	N	150-700	W	164		0618015	7246926	
9:00		15		T	ST-FO	NA	500	W	161		0619921	7246191	
9:03		100		T	ST-FO	NA	300-400	W	161		0620545	7245270	
9:05		300		T	WS-FO	S	300	W	160		0620620	7244744	
9:06		15		T	WS-FO	NA	100	E	160		0620620	7244744	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

120 crossing road

15

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Page 3

Date: 2019-04-29 **Field Team:** FAWNY LAPORTE - ANNIE VIGNAULT

Temperature: SUNNY -15 **Wind Speed:** < 10 **Wind Direction:** N/NW

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:** 13:20 - 15:48

H.O.L	Cardinal point	Species	Qty	Distance from the road / Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m) Easting	Distance from H.O.L(m) Nothing	Km
1 Time : Did it? : Y/N Wildlife? Y/N	North 1:20	CARIBOU	3	400 m	WS.	E	W	0641114	7217493	112
	East 1:20		300	1.5km	FO	NA	E 15W	0359200	7218315	112
	South 1:30		125	1.5km	ST	NA	W	0638360	7221382	118
	West 1:35		10	200m	WS	E	E	0637436	7222824	120
2 Time : Did it? : Y/N Wildlife? Y/N	North 1:50		20	600m	ST	NA	W	0636018	7224723	123
	East 2:00		30	350m	ST	NA	W	0635660	7227121	126
	South 2:20		7	1.7km	WS	S	W	0633452	7231056	130
	West 2:25	WOLF	2	300m	RE	W	W	0632089	7233606	133
3 Time : Did it? : Y/N Wildlife? Y/N	North 2:40	Caribou	10	300m	FO	NA	W	0629669	7235043	136
	East 2:50		125	300m	FO+ST	NA	W	0624634	7235827	142
	South 3:15		200	400m	ST+RE	N.A	W	0620673	7241160	156
	West 3:17		175	900m	FO	NA	W	0620794	7243107	158
4 Time : Did it? : Y/N Wildlife? Y/N	North 3:18		12	2km	RE	NA	E	0620621	7244634	159
	East 3:20		300	700m	FO	NA	W	0619599	7246257	162
	South 3:25		75	100m	FO	NA	W	0619124	7246618	162
	West 3:25		100	1.4km	FO	NA	W	0619124	7246618	163
5 Time : Did it? : Y/N Wildlife? Y/N	North 3:35		125	1km	FO	NA	W	0617612	7246928	164
	East 3:40		60	2.2km	FO+ST	NA	W	0615244	7247918	167
	South 3:45		75	800m	FO+ST	NA	W	0611441	7250836	172
	West 3:46		200	2km	FO+ST	NA	W	0611516	7251725	173
	3:48		100	1.2km	RE+FO	NA	W	0611344	7253774	175

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 29/04/2019 Time Started 9H10 Time Ended 11:05 Page 2 of ____

Start Location (UTM) KM0 End Location MP Observer Names: FL SB

Temperature: -24 Wind Speed (km/hr): 21 Wind Direction: N/NW Visibility (circle): 100m 500m 1km (>1km) Precipitation: X

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:10	Caribou	25		T	WS-FO	NA	50	W	159		0620631	7244561	
9:13	"	250		T	WS-FO	S	150	W	159		0620624	7244087	
9:14	"	27		T	WS-FO	NA	1000	E	159		0620624	7244087	
9:34	"	35		T	WS-FO	NA	200	W	149		0618456	7236669	
9:45	"	15		T	WS-FO	NA	600	W	144		0622361	7236100	
9:46	"	10		T	WS-FO	NA	150	W	144		0622769	7235918	
9:50	"	100		T	WS-FO	NA	100	W	143		0624160	7235791	
9:57	"	150		T	WS-FO	NA	500	W	140		0625065	7236031	
10:10	"	75		T	WS-FO	NA	1000	W	137		0629675	7235699	
10:15		25		T	WS-FO	NA	500	W	136		0630359	7234693	
10:39		100		T	WS-FO	NA	300	E	122		0635996	7224650	
10:43		12		T	ST-FO	NA	150	W	121		0636930	7223397	
10:47		100		T	WS-FO	S	300	W	119		0637998	7221900	
11:00		200		T	WS-FO	NA	500	W	113		0358880	7217542	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

April 30th

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-30 **Time Started** 0752 **Time Ended** 10:40 **Page** 1 **of** ____

Start Location (UTM) 7255328 **End Location** MB **Observer Names:** Caleb / Tommy

Temperature: -24 **Wind Speed (km/hr):** 12 Light **Wind Direction:** E/NE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** N/O

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0809	Caribou	200-400	M/F	T	ST/RE	N/A	300m-1.2km	W	177	14W	0609987	7255527	
0817	" "	150	M/F	T	ST/RE	N/A	250m	W	173	14W	0611513	7252039	
0823	" "	30	M/F	T	ST/TR	N/A	250m	W	172	14W	0611693	7250417	
0832	" "	50	M/F	T	ST/TR	N/A	400m	W	167	14W	0615022	7248163	
0847	" "	5	M/F	T	ST	N/A	2.5km	W	160	14W	0620602	7244997	
0854	" "	1000+	M/F	T	ST/TR	NA	150m-1.5km	W	158	14W	0620869	7242367	
0907	" "	100	M/F	T	TR	NA	150m	W	154	14W	0619896	7240830	
0914	" "	4	M/F	T	ST	N/A	200m	W	152	14W	0617687	7238374	
0952	" "	3	M/F	T	RU	N/A	1.1 km	W	134	14W	0631235	7234196	
1000	Bad	Visability							131				
1003	caribou	3	M/F	T	ST	NA	300m	E	128	14W	0634227	7229472	
1008	" "	40	M/F	T	ST	NA	500m	W	127	14W	0635126	7228413	
1020	" "	50	M/F	T	ST	NA	300m	W	120	14W	0637213	7223028	
1023	" "	100	M/F	T	RU	N	400m	W	119	14W	0638378	7221344	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

~~158~~ KM

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 2019-04-30 **Time Started** 13h30 **Time Ended** 16h07 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** AM12 **Observer Names:** Nancy DH / Fanny Laporte

Temperature: -22 **Wind Speed (km/hr):** ↑↑ HIGH WINDS E/NE **Wind Direction:** **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** No Blizzard conditions.

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13h55	Caribou	155	M/F	T	FO	N/A	300	W	119	14W	0637771	7222405	
14h16	Caribou	25	M/F	T	WS	N/A	200	W	129	14W	0633745	7230105	
14h21	Caribou	200	M/F	T	ST/FO	N/A	100-500m	W	129	14W	0633630	7230607	
14h58	Arctic Hare	3	M/F	T	ST	N/A	5m	E	148	14W	0620037	7235358	
15h10	Caribou	250	M/F	T	R	W	350m	W	153	14W	0618525	7239316	
15h13	Caribou	10	M/F	T	ST	N/A	400	W	154	14W	0618870	7240020	
15h21	Caribou	300	M/F	T	ST	N/A	300m	W	158	14W	0620863	7242603	
15h29	Caribou	200	M/F	T	ST	N	200	W	160	14W	0620604	7244973	
15h52	Caribou	250	M/F	T	ST	N/A	150	W	171	14W	0611779	7250396	

Bad visibility.

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (day/month/year) 01/05/2019 **Time Started** 8h15 **Time Ended** 10h32 **Page** 1 **of** 2

Start Location (UTM) AMQ **End Location** MBK **Observer Names:** Lois Dubois / Mary Piquet Hong

Temperature: -13° **Wind Speed (km/hr):** 35 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8h28	Caribou	300	M/F	T	ST	N/A	500	W	169	14W	0613759	7249511	
8h40	Caribou	250	M/F	T	FO/ST	N/A	100m	W	164	14W	0618072	7246935	
8h44	Caribou	75	M/F	T	ST	N/A	200	W	163	14W	0618910	7246803	spread out
8h50	Caribou	300	M/F	T	RE	N/A	300m	W	161	14W	0620449	7245484	
8h52	"	60	M/F	T	RE/ST	N/A	150m	W	160	14W	0620621	7244653	
8h56	"	300	M/F	T	FO	N/A	>1km	W	159	14W	0620582	7243864	
9h01	Caribou	150	M/F	T	RE	N/A	150m	W	158	14W	0620861	7242502	
9h04	Caribou	75	M/F	T	RE/ST	N/A	1.5km	W	157	14W	0620870	7242320	
9h05	Caribou	200	M/F	T	ST	N/A	2km	E	157	14W	0621093	7241643	spread out
9h09	Caribou	500	M/F	T	RE	N/A	2.5km	W	156	14W	0620895	7241380	
9h44	Caribou	10	M/F	T	WS	W	200m	W	138	14W	0623284	7236475	
9h48	Caribou	100	M/F	T	ST	N/A	500m	W	137	14W	0622266	7236072	
10h14	Caribou	10	M/F	T	WS	S	200m	W	125	14W	0635585	7226903	
10h18	Caribou	100	M/F	T	FO	N/A	200m	W	123	14W	0636126	7224578	
10h22	Caribou	100	M/F	T	WS	E	100m	W	121	14W	0637166	7223198	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) May 1 2019 Time Started 8h15 Time Ended 10h32 Page 2 of 2

Start Location (UTM) AM2 End Location MBK Observer Names: Louis Dubois/Nancy Duquette/Jenny

Temperature: -10 Wind Speed (km/hr): 35 Wind Direction: SW Visibility (circle): 100m 500m 1km (>1km) Precipitation: G

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10h25	Caribou	100	M/F	T	WS	S	350	W	119	14W	0637810	7222167	
10h30	Caribou	40	M/F	T	RE	N/A	1 km	W	118	14W	0638440	7221092	
14h35	Caribou	40	M/F	T	WS	N/A	350	W	116	14W	0638758	7220912	
14h35	Caribou	100	M/F	T	RE	N/A	2.5km	W	116	14W	0638758	7220912	
14h40	Caribou	250	M/F	T	RE	N/A	300m	W	119	14W	0638353	7221462	
14h48	Caribou	60	M/F	T	RE	N/A	200m	W	127	14W	0634686	7228707	
14h55	Caribou	100	M/F	T	RE	N/A	300M	W	131	14W	0632853	7232236	
15h00	Caribou	50	M/F	T	RE	N/A	50 M	W	134	14W	0631718	7233960	
15h08	Caribou	70	M/F	T	RE	N/A	300M	W	136	14W	0629487	7235285	
15h45	Caribou	20	M/F	T	RE	N/A	500M	W	161	14W	0620462	7245463	
15h47	Caribou	200	M/F	T	RE	N/A	1.5km	W	162	14W	0619440	7246343	
15h55	Caribou	20	M/F	T	RE	N/A	200M	W	166	14W	0615653	7247497	
15h56	Caribou	200	M/F	T	RE	N/A	400M	W	167	14W	0615321	7247843	
15h59	Caribou	50	M/F	T	RE	N/A	500M	W	169	14W	0614535	7248727	
16h06	Caribou	20	M/F	T	RE	N/A	800	W	173	14W	0611484	7251317	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (day/month/year) May 1 2019 Time Started 16h07 Time Ended _____ Page ____ of ____

Start Location (UTM) MBK End Location AMQ Observer Names: Louis Dubois/Mathieu Gélinas

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
16h10	Caribou	60	M/F	T	RE	N/A	300	W	177	14W	0610394	7255289	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 05/02/2019 **Time Started** 8:15 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) AMQ **End Location** MBK **Observer Names:** L.D - MG

Temperature: -9 **Wind Speed (km/hr):** ~30 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:18	Caribou	250	M/F	T	RE	E	100	W	179	14W	0609565	7255660	
8:18	Caribou	500	M/F	T	RE	E	1.5 km	W	179	14W	0609565	7255660	
8:35	Caribou	75	M/F	T	RE	W	500	W	172	14W	0611432	7250881	
8:40	Caribou	100	M/F	T	RE	N/A	400	W	169	14W	0613741	7249523	
8:47	Caribou	700	M/F	T	RE	N/A	300	W	163	14W	0617456	7246964	
8:47	Caribou	100	M/F	T	RE	W	200	W	164	14W	0617456	7246964	
8:50	Caribou	1000	M/F	T	RE	N/A	200	W	164	14W	0618388	7246970	
8:54	Caribou	200	M/F	T	WS	W	200	W	163	14W	0619129	7246616	
8:59	Caribou	40	M/F	T	WS	W	500	W	160	14W	0620635	7244387	
9:05	Caribou	50	M/F	T	WS	W	400	W	155	14W	0620182	7241658	
9:30	Caribou	500	M/F	T	WS	W	150	W	138	14W	0627577	7236420	
9:34	Caribou	300	M/F	T	WS	W	100	W	137	14W	0628723	7235817	
9:40	Caribou	100	M/F	T	RE	N/A	150	W	136	14W	0630086	7234761	
9:45	Caribou	200	M/F	T	RE	N/A	400	E	132	14W	0632483	7233653	
9:53	Wolf	3		T	WS	W	500	W	131	14W	0634129	7229524	*

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 02-05-19 **Time Started** 9:56 **Time Ended** 15:33 **Page** 1 **of** 2

Start Location (UTM) AMQ **End Location** MBK **Observer Names:** C.D M.G

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:04	Caribou	8	M/F	T	WS	W	100	W	121	14W	063 6611	7223802	
10:07	Caribou	30	M/F	T	RE	N/A	100	W	120	14W	063 6909	7223420	
10:12	Caribou	400	M/F	T	WS	W	300	W	120	14W	063 8029	7221860	
10:16	Caribou	400	M/F	T	WS	W	700	W	118	14W	063 8973	7221042	
10:18	Caribou	700	M/F	T	WS	E	100	E	117	14W	063 9999	7220771	
10:20	Caribou	300	M/F	T	WS	W	200	W	117	14W	064 0229	7220142	
10:33	Caribou	300	M/F	T	WS	W	100	W	115	14W	03 59086	7217984	MBK → AMQ Crossing
13:56	Caribou	500	M/F	T	WS	E	0	W/E	119	14W	063 7898	7222031	
14:35	Caribou	150	M/F	T	WS	W	50	W	126	14W	0635757	7227362	
14:39	Caribou	200	M/F	T	RE	N/A	200	W	128	14W	0634410	7229278	
14:44	Caribou	400	M/F	T	RE	N/A	20	W	131	14W	0632858	7232472	
14:52	Caribou	100	M/F	T	RE	N/A	20	W	135	14W	0636852	7234417	
15:01	Caribou	250	M/F	T	RE	N/A	20	E	139	14W	0626924	7236413	
15:14	PT	20	M/F	T	RE	N/A	5	E	148	14W	0619742	7235526	
15:31	Caribou	500	M/F	T	RE	N/A	50	W	156	14W	0621115	7241684	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) _____ Time Started 15:33 Time Ended _____ Page ____ of ____

Start Location (UTM) MBK End Location AMQ Observer Names: L.D M.G

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
15:35	Caribou	200	M/F	T	WS	W	1KM	W	159	14W	0620594	7243837	
15:42	Caribou	100	M/F	T	WS	E	0	E	162	14W	0620285	7245796	* Crossin
15:54	Caribou	400	M/F	T	RE	N/A	300	W	164	14W	0617401	7246971	
16:02	Caribou	200	M/F	T	RE	N/A	500	W	170	14W	0612666	7250038	
16:09	Caribou	800	M/F	T	RE	N/A	200	W	175	14W	0611351	7253634	
16:17	Caribou	1000	M/F	T	WS	W	100	W	179	14W	0609501	7255667	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 03/05/2019 Time Started 8h15 Time Ended 16h15 Page 1 of 2

Start Location (UTM) 14 AMQ End Location MBK Observer Names: L.D - M.E

Temperature: -9 Wind Speed (km/hr): 16 km Wind Direction: E Visibility (circle): 100m 500m 1km >1km Precipitation: O

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:24	Caribou	200	M/F	T	RE	N/A	20	W	178	14W	061 0649	7255090	
8:26	Caribou	30	M/F	T	RE	N/A	20	W	176	14W			
8:37	Caribou	50	M/F	T	RE	N/A	100	W	169	14W	0613830	7249461	
8:47	Caribou	300	M/F	T	RE	N/A	150	W	164	14W	0612065	7246956	
8:54	Caribou	300	M/F	T	RE	N/A	100	E	160	14W	0620639	7244514	
8:58	Caribou	200	M/F	T	RE	N/A	200	W	159	14W	0620599	7243728	
9:16	Caribou	20	M/F	T	RE	N/A	500	W	148	14W	0619752	7235511	
9:25	Caribou	100	M/F	T	RE	N/A	500	W	143	14W	0624253	7235815	
9:28	Caribou	200	M/F	T	RE	N/A	150	W	141	14W	0626178	7235859	
9:30	Caribou	40	M/F	T	RE	N/A	200	E	140	14W	0627317	7236477	
9:34	Caribou	100	M/F	T	RE	N/A	200	E	137	14W	0629210	7235561	
9:37	Caribou	200	M/F	T	RE	N/A	100	W	136	14W	0630598	7234696	
9:48	Caribou	500	M/F	T	RE	N/A	200	E	135	14W	0631659	7233991	
9:49	Caribou	50	M/F	T	RE	N/A	50	W	127	14W	0634263	7229451	
10:05	Caribou	100	M/F	T	RE	N/A	100	W	118	14W	0637756	7222599	

* Crossing

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 03/05/2019 **Time Started** 10:13 **Time Ended** _____ **Page** 2 **of** 2

Start Location (UTM) MBK **End Location** AMQ **Observer Names:** L.D M.G

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:07	Caribou	300	M/F	T	RE	N/A	100	W	117	14W	0639115	7221040	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 04/05/2019 **Time Started** 13:00 **Time Ended** 14:15 **Page** 1 **of** 1

Start Location (UTM) AMQ **End Location** KM 133 **Observer Names:** M.G. K.M

Temperature: -6 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:02	caribou	60	M,F	HT	ST/Fo	—	700	W	177	14W	609969	7255528	
13:12	Caribou	70	M,F	LR	WS	NW	175	W	172	14W	611560	7250549	
13:20	Caribou	80	M,F	LR	WS	NW	150	W	168	14W	614650	7248578	
13:23	Caribou	4	M,F	ice	RE	—	1000	W	167	14W	615781	7247489	
13:26	Caribou	12	M,F	LR	ST	—	200	W	165	14W	617146	7247017	
13:33	Caribou	15	M,F	LR	ST	—	250	W	160	14W	620561	7245218	
13:44	Caribou	50	M,F	LR	RE/ST	—	150	E	153	14W	618754	7239862	
13:49	Caribou	10	M,F	LR	RE/ST	—	175	E	151	14W	618231	7237227	
13:52	Caribou	30	M,F	LR	WF	NW	275	W	150	14W	618651	7236621	
13:56	caribou	7	M,F	ice	WS	NW	200	W	146	14W	620347	7235713	
14:04	caribou	100	M,F	LR	ST/Fo	—	175	W	142	14W	624323	7235827	
14:09	Caribou	20	M,F	LR	WS	W	300	W	140	14W	626525	7235990	
14:15	Caribou	15	M,F	LR	ST/Fo	—	150	W	135	14W	629829	7234936	
14:17	Caribou	10	M,F	HT	WS	NW	200	W	134	14W	630958	7234355	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (day/month/year) 04/05/2019 Time Started 14:20 Time Ended 15:56 Page 1 of 1

Start Location (UTM) KM 133 End Location Amq Observer Names: M.G. + K.M

Temperature: -6°c Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:30	caribou	40	M,F,	HT	ST/Fo	–	250	W	136	14W	629209	7235556	
14:41	caribou	15	M,F	HT	WS	SW	700	W	143	14W	624753	7235836	
14:47	caribou	5	M,F,	LR	ST/Fo	–	350	E	144	14W	622687	7235959	
14:49	caribou	30	M,F	ice	WS	N	250	W	144	14W	622687	7235959	
14:54	caribou	10	M,F	LR	WS	NW	300	W	146	14W	620849	7236302	
15:15	caribou	80	M,F	LR	ST/Fo	–	50	E	156	14W	620398	7241135	
15:17	caribou	10	M,F	LR	ST/Fo	–	125	W	157	14W	621123	7241706	
15:32	caribou	10	M,F	HT	ST	–	450	W	165	14W	617330	7246981	
15:44	caribou	2	M,F	HT	WS	S	100	W	172	14W	611447	7250804	
15:50	caribou	15	M,F	HT	WS	N	1000	W	175	14W	611347	7253492	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 06/05/2019 Time Started 8: Time Ended _____ Page 1 of _____

Start Location (UTM) AMQ End Location MBK Observer Names: M. G.

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:32	caribou	3	M-F	T	W-S	W	500	W	170				
9:06	caribou	20	M-F	T	W-S	W	300	W	153				
9:12	caribou	20	M-F	T	W-S	W	50	W	150				
9:36	caribou	2	M-F	T	W-S	W	200	W	144				
9:50	caribou	100	M-F	T	W-S	W	25	W	135				
10:16	caribou	4	M-F	T	W-S	W	500	W	124				
10:25	caribou	30	M-F	T	W-S	W	300	W	121				
10:32	caribou	4	M-F	T	W-S	W	1000	W	117				
10:42	caribou	90	M-F	T	W-S	W	25	W-E	115				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 06/05/2019 Time Started 12:30 Time Ended 4:09 Page 1 of ____

Start Location (UTM) MBK End Location AMQ Observer Names: M.G

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:12	Caribou	80	M-F	T	RE	W	550		110				
1:15	caribou	4	M-F	T	WS	W	600		112				
1:42	Caribou	15	M-F	T	RE		200		126				
1:55	caribou	40	M-F	T	WS	S	200		129				
2:17	caribou	70	M-F	T	RE		150		136				
2:19	Caribou	6	M-F	T	WS	W	150		137				
2:38	caribou	50	M-F	T	WS	N	800		144				
3:05	Caribou	25	M-F	T	WS	S	500		153				
3:35	caribou	4	M-F	T	WS	W	300		162				
3:39	caribou	6	M-F	T	WS	W	100		165				
4:09	caribou	2	M-F	T	RE		50		At	the front		of the esker	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/05/2019 Time Started 8:00 Time Ended 10:05 Page 1 of 2

Start Location (UTM) AMQ End Location MBK Observer Names: M. G

Temperature: -13 Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km (>1km) Precipitation: ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:12	Caribou	20	M/F	T	WS	SW	200	W	177	14W			
8:14	Caribou	3	M/F	T	RE	N/A	150	W	176	14W			
8:21	Caribou	10	M/F	T	WS	NW	400	W	172	14W			
8:40	Caribou	4	M/F	T	WS	SW	200	W	162	14W			
8:40	Caribou	10	M/F	T	WS	SW	1.5km	W	162	14W			
9:18	Caribou	31	M/F	T	RE	N/A	150m	W	142	14W			
9:27	Caribou	6	M/F	T	WS	W	2km	W	137	14W			
9:29	Caribou	25	M/F	T	RE	N/A	100	W	136	14W			
9:35	Caribou	12	M/F	T	WS	N	200	W	133	14W			
9:36	Caribou	30	M/F	T	RE	N/A	400	W	133	14W			
9:44	Caribou	10	M/F	T	RE	N/A	800	W	129	14W			
9:47	Caribou	150	M/F	T	WS	NE	1 km	W	127	14W			
9:50	Caribou	25	M/F	T	RE	N/A	20	W	127	14W			
9:50	Wolf	1	—	T	RU	~~~	100	W	126	14W			
9:59	Caribou	50	M/F	T	WS	NW	2km	W	124	14W			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 07/05/2019 Time Started 10:05 Time Ended _____ Page 2 of 2

Start Location (UTM) Km 123 End Location MBK Observer Names: M.G

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:01	Caribou	50	M/F	T	RE	N/A	100	W	123	14W			
10:13	Caribou	50	M/F	T	RE	N/A	30	W		14W			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (day/month/year) 07 05 2019 **Time Started** _____ **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Amaruq **Observer Names:** ST GJ

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ~~0~~

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:33	caribou	11	F/M	HT	~~HTRE~~	N	400	W	124				
14:35	caribou	06		HT	~~HTRE~~	W	150	W	125				
14:47	" "	06		HT	RE	N	800	W	131				
15:05	caribou		F/M	HT	RE	W	50	W	142				
15:17	" "	07	F/M	RE	WS	S	500	W	149				
15:25		24	F/M	ICE	WS	N	1.1 Km	W	172				
16:05		07		HT	WS	W	1 KM	W	175				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Glacial Lake Kipon

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019-05-08 **Time Started:** 17:30 **Time Ended:** 17:30

Temperature: -7 **Wind Speed:** 30kp **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☒ >1 km **Precipitation:** None

Field Team: Mickaël Buttet-Allard & Gabriel

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
15:06	Caribou	~40	tundra	Grazing	Stopped	North	+1 Km	119	14W	0640063	7225514
15:58	Wolf	1	tundra	walking	south	on road	0m	121	14W	0635981	7224972
16:42	Caribou	~15	tundra	Grazing	stopped	west	300m	129	14W	0633691	7230378
15:30	Caribou	~20	tundra	Grazing	South east	East	800m	121	14W	063 5981	722 4922

Page ___ of ___

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 09-05-2019 Time Started 8h00 Time Ended 9h50 Page ___ of ___

Start Location (UTM) AMQ End Location MBK Observer Names: L.D - S.T

Temperature: -5 Wind Speed (km/hr): ___ Wind Direction: ___ Visibility (circle): 100m 500m (1km) >1km Precipitation: Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8h00	Caribou	20	M/F	HT	AL	—	1km	W	179				
14h00	P. FALCON	1			FL	SW	15m	W	135				
19h50	CARIBOU	11	M/F	HT	WS	NE	300M	W	153				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019 / 05 / 10 **Time Started** 7:00 **Time Ended** 10:50 **Page** 1 **of** 1

Start Location (UTM) MEADOWBANK **End Location** VAULT **Observer Names:** MICKAEL BUTTET-AILLARD - GABRIEL

Temperature: -3.8 **Wind Speed (km/hr):** 14,5 Fp **Wind Direction:** SE **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:15	Caribou	12	F/M	T	G	-	500	E					
7:20	Caribou	35	F/M	T	G	-	400	W					
8:20	Caribou	4	F/M	T	G	-	400	E					
9:00	Caribou	13	F/M	T	W	E	600	E	14	W	0635614	7226097	
10:20	Caribou	20	F/M	T	WS	S	600	E	14	W	0633441	7227704	
10:20	Caribou	10	F/M	T	WS	N	+1km	E	14	W	0636003	7224774	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 10/05/2019 Time Started 11:40 Time Ended 13H30 Page ____ of ____

Start Location (UTM) VAULT End Location AMARUQ Observer Names: ST

Temperature: -2 Wind Speed (km/hr): ____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:56	CARIBOU	27	M/F A	HT	WS	E	150	W	126				
12:40	MUSKOX	11		HT	WS	S	50	W	157				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/05/18 **Time Started** 16:00 **Time Ended** 17:40 **Page** 1 **of** 1

Start Location (UTM) VAULT **End Location** VAULT **Observer Names:** TT MBA

Temperature: -2.8 **Wind Speed (km/hr):** 19 kph **Wind Direction:** E **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
16:01	Caribou	15	F/M	T	Grazing	–	150m	W	114				
16:05	Caribou	15	F/M	T	WS	S	500m	W	116				
16:13	Caribou	2	F/M	T	W	W	50m	W	121				
16:21	Caribou	2	F/M	T	ST	–	300	W	127				
16:41	Caribou	~~8~~ 8	F/M	T	WS	S	~1km	W	134				
17:33	Caribou	9	F/M	T	S	–	300	W	119				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 15/05/19 Time Started 7:50 Time Ended 9:30 Page 1 of 1

Start Location (UTM) Amaruq End Location Vault laydown Observer Names: M.A. & K.M

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: ____ Visibility (circle): 100m 500m 1km >1km Precipitation: _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:55	caribou	4	M,F	ice	ST	–	350	W	137				
9:00	caribou	40	M,F	HT	ST	–	1500	W	134				
9:10	caribou	60	M,F	ice	WS	NW	350	W	127				
9:20	caribou	4	M,F	Ro	Fo/ST	–	150	W	119				
9:22	MUSK-OX	2	M,F	LR	Fo	–	75	W	119				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/05/17 **Time Started** 7h50 **Time Ended** 9h00 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** 135 km **Observer Names:** Laurence Arnamba ult

Temperature: 1°C **Wind Speed (km/hr):** 20 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:**

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8h07	Caribou	89	F/M	HT	WS	W WS	500	W	124		0635693	7226026	
8h13	11	45	F/M	HT	RE		300	W	124		0635677	7226159	
8h35	11	35	F/M	HT	RE		1500	W	135		0630451	7234699	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-05-19 **Time Started** 0730 **Time Ended** 11:20 **Page** 1 **of** 1

Start Location (UTM) MOIBNK **End Location** Km 141 **Observer Names:** SM & LA

Temperature: -5C **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0830	Caribou	6	A	HT	Grazing	—	100	W	124	14W	0635623	7226656	
0808	Caribou	1	A	HT	RU	W	100	W	126	14W	0635651	7227602	
0810	caribou	13	A	HT	RE	—	200	W	126	14W	0635474	7227904	
0830	rabbit	5		HT	Grazing	—	5	W/E	135	14W	0631111	7234262	
0845	brown log hare	1	A	HT	FL	E	100	E	141	14W	0625567	7235941	
0915	rabbit	1	A	HT	Grazing	W	300	W	141	14W	0635109	7236034	
0934	caribou	3	A	HT	Grazing	—	50	W	130	14W	0633655	7230530	
0940	Caribou	12	A	HT	Grazing	—	5	W	126	14W	0635443	7228111	
0945	caribou	6	A	HT	Grazing	—	20	W	124	14W	0635658	7226272	
1017	caribou	17	A	HT	Grazing	—	100	W	122	14W	0636623	7223914	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) May 20, 2019 **Time Started** 8:00 **Time Ended** 10h30 **Page** 1 of 1

Start Location (UTM) Aya: 14W0608483 (Northing) 7253461 (Easting) **End Location** MbK **Observer Names:** Marilyne Arcand.

Temperature: -3 **Wind Speed (km/hr):** 50 **Wind Direction:** ___ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:46	Caribou	8	/	HT	~~WS~~	Sud.	100	W	159	14W	0620578	7243555	
9:12	Caribou	8	/	WA	WS	Sud	150	W	147	14W	0620337	7235657	
9:22	"	4	/	RO	RU	West	300	W	143	14W	0624164	7235793	
9:31	Caribou	2	/	RO	TR	Sud	1000	W	134	14W	0628824	7235746	
9:46	Caribou	7	/	HT	ST	Sud	100	W	130	14W	0633547	7230713	
9:49	"	7	/	WA	WS	Sud	1500	W	128	14W	0634451	7229045	
9:55	"	10	/	HT	FO	West	80	W	126	14W	0635764	7227375	
10:03	Caribou	11	/	HT	FO	West	500	W	123	14W	0636187	7224481	
10:12	Caribou	8	/	HT	ST	West	1500	W	117	14W	0638615	7221047	
10:25	Caribou	31	/	HT	RE	[illegible]	40	W	110	14W	0639347	7216489	Vault road.

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank-AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (year/month/day) 2019-05-21 **Time Started** 1:00 **Time Ended** 5:00 **Page** 1 **of** 1

Start Location (UTM) Vault Road **End Location** Amaruq **Observer Names:** Cédéric Buron ; Gabriel Soedce

Temperature: -10 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** Ø

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
X	13:47	Canada Goose	20	M/F		FL	W	NA	W	129	14W	063456	7229383	
X	14:05	caribou	3	M/F	LR	WS	S/E	300	W	139	14W	0627715	7236363	
X	14:15	" "	1	M/F	LR	ST	NA	200	W	148	14W	0624464	7235856	
X	1444	falcon	1	M/F		FL	N	20	W	160	14W	0620618	7244896	
X	15:07	caribou	5	M/F	LR	WS	S	300	W	178	14W	0610404	7255292	
	16:53	" "	17		HT	RE	ST	500	W	129	14W	0635466	7227996	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 22/05/2019 **Time Started** 9h16 **Time Ended** 12h00 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Amaruq **Observer Names:** Laurence Archambault Gabriel Soucie

Temperature: -5 **Wind Speed (km/hr):** 60 **Wind Direction:** N **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** snow at place

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9h16	Hawk	1		HT	FL		0	W	111	14W	0638193	7213520	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/05/23 **Time Started** 8h00 **Time Ended** 10h30 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Amaruq **Observer Names:** Lawrence Archambault Gabriel Toedtz

Temperature: −1 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8h03	Caribou	1D	FM	HT	FO	—	500	W	125	14W	0635463	7227781	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 05 24 2019 **Time Started** 8h30 **Time Ended** 10h15 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** km 150 **Observer Names:** Laurence Archambault Gabriel Soedee

Temperature: -1 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** ϕ

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	8:34	Hare	1		HT	FO	RC	5	E	117	14W	0620402	7235909	
x	8:51	caribou	18	F/M	HT	RE		400	W	127	14W	0634470	7229018	
x	8.58	Hawk	1		HT	FL			E	131	14W	0632864	7232225	
x	9:05	caribou	12	F/M	HT	FO	RE	700	W	134	14W	0631'48	7234255	
x	9:51	"	1	M	HT	FO			W	136	14W	0629636	7235069	
x	10:85	Hawk	1			FL			W	121	14W	0637257	7222955	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/05/28 **Time Started** 13:35 **Time Ended** 18:00 **Page** 1 **of** 1

Start Location (UTM) V0 12 **End Location** Amaruq **Observer Names:** Gabriel Goodre, Joe Angatingwas

Temperature: 10°C **Wind Speed (km/hr):** 57 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Light Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:06	Caribou	10	M/F	HT	RE		300	W	130	14W	0633031	7231759	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019 05 29 **Time Started** 8:02 **Time Ended** 17h30 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Vault **Observer Names:** Gabriel/Jordan/Joe Angelingvar

Temperature: 3°C **Wind Speed (km/hr):** 54 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Light snow

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
*	9:37	Caribou	25	M/F	HT	FO	SE	400	W	127	14W	0635598	7226942	
*	10:27	"	36	M/F	HT	RE		500	W	131	14W	0632943	7232095	
*	11:10	Caribou	7	M/F	HT	RE	SE	600	W	151	14W	0617642	7252160	
*	1420	"	12	M/F	HT		W	300	W	136	14W	0629791	7234955	
*	1657	"	16	M/F	HT	FO	W	75	W	126	14W	0634722	7228680	
	17:23	"	7	M/F	HT	FO		400	W	117	14W	0639564	7220976	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR X Vault Haul Road X Whale Tail Haul Road

Date (year/month/day) 2019 05 30 **Time Started** 7:40 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Jonathan Pomerleau Gabrie | Joseph

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:22	Caribou	5	M/F	HT	FO	NA	150	W	128	14W	0633764	7230066	
10:41	"	2	M/F	HT	FO	WA	1 Km	W	117	14W	0608835	7255425	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019 05 31 **Time Started** 08:15 **Time Ended** 11:20 **Page** ____ **of** ____

Start Location (UTM) 08:15 **End Location** km 162 **Observer Names:** Gabriel Meadows Jonathan Parco 1.16

Temperature: +2 **Wind Speed (km/hr):** 17 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:12	Caribou	5	M/F	HT	FO	N	50	W	116	14W	0639546	7220989	
8:19	Hawk	1	UNK	F	FL	N	0	E	118	14W	0636972	723345	
8:35	Hawk	1	UNK		FL	E		E	131	14W	0632863	7232581	
11:01	Caribou	3	M/F	HT		W	600	W	138	14W	0634470	7229205	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (day/month/year) 04/06/2019 **Time Started** 1907 **Time Ended** 2050 **Page** 1 **of** 1

Start Location (UTM) Vault End **End Location** Amaruq **Observer Names:** Martin Gebauer

Temperature: 5°C **Wind Speed (km/hr):** 15 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NIL

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1927	Caribou	10	M	HT	FO	S	125	S	130	[illegible]	[illegible]	[illegible]	No GPS
1944	Caribou	6	F	HT	RU	W	200	S	134	[illegible]	[illegible]		No GPS
2021	SEOW	1	UNK	HT	FL	E	10	S	160				No GPS
2038	Caribou	22	UNK	HT	FO	N	300	S	173				No GPS

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Amarug road

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-06-04 **Time Started** 14h00 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Vault Road (MBK) **End Location** Amarug **Observer Names:** Emilie F, Martin K.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:33	caribou	9	A	HT	ST	/	250-500	W	131		14W0631206	7234198	near bridge
3:43	caribou	3	A	HT	WS	N	250	W	171		14W0612851	7249977	
5:56	caribou	6	A	HT	FO	/	500	W	129		14W0633409	7231178	
6:00	//	9	A	HT	FO	/	200	W	129		//	//	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019 / 06 / 05 **Time Started** 7:59 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) VAULT LAYDOWN **End Location** VAULT LAYDOWN **Observer Names:** MARTIN & MBA

Temperature: 6C **Wind Speed (km/hr):** _____ **Wind Direction:** _____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:01	Caribou	12	A M/F	HT	FO	N/A	500	W	118	14W	0623717	7226988	
8:12	Caribou	8	A M/F	HT	WQ	South	250	W	119	14W	0627299	7222742	
8:19	Arctic Hare	2	–	HT	RU	North	50	W	122	14W	0635539	7224246	
8:30	ptarmigan	2	–	DI	ST	N/A	0	N/A	123	14W	0634338	7228657	
8:46	Caribou	8	A M/F	HT	FO	N/A	250	W	133	14W	0627529	7229482	
13:22	caribou	1	AF	HT	WS	N	500	W	180	14W	0609908	7234372	
13:35	Geese	25	–	WA	FL	N	0	W	172	14W	0618346	7229692	
14:24	Geese	~40	–	WA	FL	N	100	W	154	14W	0618872	7229013	
14:30	caribou	21	A M/F	HT	WS	N	200	W	139	14W	0626128	7235242	
15:00	caribou	11	A M/F	WA	WS	N	400	W	127	14W	0633999	7228184	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 06/06/2019 **Time Started** 8:35 **Time Ended** 12:00 **Page** 1 **of** 1

Start Location (UTM) Amaruq **End Location** Vault laydown **Observer Names:** Marilyn. A, & Kevin. M.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:12	caribou	6	M, F	RO	WS	S	300	W	146				
10:45	caribou	7	M, F	HT	ST/RE	—	1000	W	134				
11:30	caribou	4	M, F	HT	ST/FO	—	200	W	129				
11:40	caribou	30	M, F	HT	WS/FO	W	100	W	126				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (day/month/year) 07/06/2019 Time Started 0750 Time Ended 1042 Page 1 of 1

Start Location (UTM) Amaruq End Location VAULT Observer Names: Martin Gebauer

Temperature: 3 ÷ Wind Speed (km/hr): 10 Wind Direction: N Visibility (circle): 100m 500m 1km (>1km) Precipitation: Snow Showers

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
0756	Caribou	5	2-A-M 3-Y-M	HT	FO	E	300	S	178	14W	0609954	7255532	
0811	A. Hare	1	UNK	LR	RE	NA	50	E	173	14W	0611460	7251206	
0828	Muskox	10	6-A-F 4-Y	HT	FO	NA	300	E	167	14W	0615478	7247684	
0845	A. Hare	1	UNK	LR	RE	NA	20	E	161	14W	0620380	7245609	
0934	LTDU	16	UNK	WA	RE	NA	250	W	140	14W	0626460	7235945	
0934	GWTE	3	UNK	WA	RE	NA	250	W	140	14W	0626460	7235945	
0946	NOPI	1	M	WA	FO	NA	150	E	137	14W	0628857	7235751	
0946	SNGO	2	UNK	SE	WS	NA	150	E	137	14W	0628857	7235751	
0948	SEPL	1	UNK	NA	FL	S	10	W	137	14W	0628857	7235751	
1000	Caribou	8	3-A-M 3-A-F 2-Y	HT	RU	W	150	W	133	14W	0632030	7233605	
1006	CAGO	2	UNKN	SE	ST	NA	20	E	131	14W	0632936	7232097	
1009	Caribou	1	A-M	HT	FO	NA	300	W	130	14W	0633059	7231662	
1013	A. Hare	1	UNK	LR	RE	NA	50	E	129	14W	0633659	7230517	
1039	A. Hare	1	UNK	HT	FO	NA	125	N	117	14W	0639137	7221034	
1042	A. Hare	1	UNK	RO	RE	NA	10	W	116	14W	0640042	7220615	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Antlers

AGNICO EAGLE MINES. – WHALE TAIL HAUL ROAD SURVEY FORM - 2019

Date (day/month/year) 14/06/2019
Time Started 13h 15 **Time Ended** 15:30
Page 1 **of** 1
Start Location (UTM) Vault area
End Location Amaruq **Observer Names:** Laurence Archambault Isabelle Thétravult
Temperature: 11°C **Wind Speed (km/hr):** 31 **Wind Direction:** **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Ø

	Time	Species Name	Number, Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
x	13:41	Ptarmigan	1/M	HT	RE	–	200	E	126	14W	0635467	7227997	
x	13:46	"	1/F	HT	RE	–	0	W	126	14W	0634583	7228842	
x	13:49	"	1	HT	RE	–	200	E	127	14W	0634025	7229634	
x	13:51	"	1	HT	RE	–	0	E	130	14W	0633346	7231306	
x	13:55	"	1	HT	RE	–	5	W	132	14W	0632789	7232849	
x	14:00	Hare	1	HT	RU	W	Crossing	E	136	14W	0630445	7234700	
x	14:06	Ptarmigan	2	HT	RE	–	15	W	137	14W	0629608	7235092	
x	14:26	"	1	HT	FL	S	45	E	144	14W	0619834	7235360	
x	14:37	"	2	HT	RE	–	5	E	154	14W	0617885	7238481	
x	14:42	"	2	HT	RE	–	5	E	156	14W	0620334	7241126	
x	14:46	"	2	HT	RE	–	10	E	159	14W	0620854	7242916	
x	14:58	Geese	11	HT	FL	W	>1km	E	166	14W	0615671	7247503	
x	15:09	"	16	HT	FL	E		E	172	14W	0611512	7250649	

1 **Sex** = M (Male) or F (Female); Age = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
2 **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
3 **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
4 **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR ~~Vault Haul~~ AMQ Road Whale Tail Haul Road

Date (year/month/day) 2019-06-25 **Time Started** 7:30 **Time Ended** 8:15 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** EF, MA

Temperature: 12°C **Wind Speed (km/hr):** 8 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** No

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:15	caribou	12	—	HT	RE	—	300	W	138				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/06/26 **Time Started** 13:40 **Time Ended** 5:30 pm **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Vault **Observer Names:** Laurence Archambault & Martin Kreelak

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:00 pm	Muskox	2	M	Rock Boulder	Feeding	Still	250	W	13	14W	643719	7143332	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/06/27 **Time Started** 9:30 AM **Time Ended** _____ **Page** ____ **of** _____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** MARTIN KREELAK

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
4:20 PM	CARIBOU	3	M	HT	WS	N	158	W	132	14W	0628008	7236213	
4:30	SANDHILL CRANES	2	A	H.T	FO	STILL	125	W	132	14W	0632846	7232409	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019/07/16 **Time Started:** 7:30 **Time Ended:**

Temperature: 20°C **Wind Speed:** 20 km/h **Wind Direction:** N/W

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☒ >1 km **Precipitation:** 30%.

Field Team: Mathieu Gilmas & Samuel Tapp.

Time	Species	Qty	Habitat Type	Behavior	Direction of Travel	Direction from Road	Distance from Road (m)	KM	GPS Zone	Easting	Northing
9:42	Falcon	1	Tundra	RE	N/A	W	50	143	-	-	-

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/07/18 **Time Started** 13:00 **Time Ended** 17:30 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** AMQ **Observer Names:** M. G, J. P

Temperature: 17 **Wind Speed (km/hr):** 30 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** X

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:40	Caribou	1	M	LI	FO	E	80	E	129	14u	0633918	7229822	
1:44	Sandhill	1		LI	FO	E	100	E	129		633716	7230256	
3:38	Caribou	2	M/F	LI	WS	W	OK	W	170		0613260	7249794	
~~5:16~~	~~muskox~~	~~2~~		~~LI~~	~~FO~~	E	1000	W	110		0358978	7217706	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019 / 07 / 19 **Time Started** 6:45 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** _____ **Observer Names:** M. G , J. P

Temperature: 16 **Wind Speed (km/hr):** 30 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** x

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:50	Arctic HARE	1		LR	WQ	W	0	NA	151	14u	0617656	7238153	
1059	fox	1		LR	WS	E	0	NA	118	14	0359201	7218645	
1105	muskox	3		HT	WS	W	300m	NA	110		0639281	7216337	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/07/23 **Time Started** 12:41 **Time Ended** 17:00 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** MBK **Observer Names:** M. G.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
12:49	Snowy chicks	3		LR	WQ	E	0km		119				
12:55	Caribou	1		HT	FO	E	12m	E	116	14			
12:59	muskox	1		HT	FO	S	600m	W	118	14			
241	caribou	1	F	HT	FO	E	50m	E	135				
2:56	falcon	1	RE	RE				W	138				
3:17	Ptarmigan	3	F	LR	WS		0		165				
	falcon	1		~~RC~~					126				
	Muskox	14			FO		100m		117				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/07/24 **Time Started** 7:27 **Time Ended** _____ **Page** ____ **of** _____

Start Location (UTM) meadowbank K **End Location** _____ **Observer Names:** _____

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:50	muskox	14		HT	FO			E	118	14W			
9:21	Arctic wolf	1		LR	WS	N	0		128				
10:10	Raven	1			FI	N		E	142				
10:26	Eagle	1		LR	RE		200	W	147				
2:14	Eagle	1		RO	RE	N	250	W	169				
4:03	SC	2		HT	FO		300	W	127				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (year/month/day) July 29 2019 Time Started _____ Time Ended _____ Page 1 of 1

Start Location (UTM) Meadowbank End Location _____ Observer Names: J.P.

Temperature: _____ Wind Speed (km/hr): _____ Wind Direction: E Visibility (circle): 100m 500m 1km (>1km) Precipitation: _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Con
									KM	Zone	Easting	Northing	
936	Geese	11		HT	FO	N	15	E	172	HW			
1100	Eagle	1		1	FI	S		W	154				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Distu
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 2019/07/31 **Time Started** 6:30 am **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Meadowbank **End Location** Amaruq **Observer Names:** J.R.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:50	Muskox	15		HT	FO	N	300	W	110				with CAIC
725	muskox	1		HT	RE	N	350	E	144				
9:21	Arctic hare	1		LR	WS	S			146				
9:34	Arctic hare	1		LR	WS	S			125				
9:52	Fox	1		LR	WQ	S			107				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/08/13 **Time Started** 1:30 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** at start **Observer Names:** J.P. J.A

Temperature: 9 **Wind Speed (km/hr):** 17 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	1:50	Caribou	1	M	HT	FO	N	20	E	111		0640851	7219413	
x	159	2 Geese	15		HT	FG	N	35	E	115		0638176	7221611	
x	2:15	falcon	1		RO	RE	N	20	E			0634648	7228758	
x	228	falcon	1		RO	RE	N	20	W			0630319	7234703	
x	2:35	Caribou	2	M	HT	WQ	N	40	W	140		0626193	7235865	
x	246	muskox	1		HT	RE	N	200	E			0620541	7236280	
x	258	muskox	18		HT	WS	N	200	E			0619269	7237197	
x	303	muskox	1		HT	WS	N	1km	E			0617897	7237839	
x	5:30	Geese	8		WA	SW	S	300	W	118		0638260	7221567	
	5:44	falcon	1		DI	FI	S		W			0639228	7216030	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/14 **Time Started** 7:10 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** [redacted] at start **Observer Names:** J.P. J.A

Temperature: 8.5 **Wind Speed (km/hr):** 0 **Wind Direction:** 0 **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	7:15	Caribou	1	M	HT	foraging	N	150	E	110		0639511	7214580	
x	8:35	Wolf	1		HT	WS	N	500	E	147		0620105	7235382	walked towards us
x	8:51	muskox	17		HT	FO	N	300	E	152		0618189	7238681	1 Limping
	~~10:10~~													
x	1:10	Caribou	1	M		WS	S	100	E	176		0610711	7255028	
x	2:00	muskox	17		HT	FO	S	1km	E	151		0617799	7237959	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/15 **Time Started** 6:50 **Time Ended** 4:10 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** MEADOWBANK **Observer Names:** Joe A J.P.

Temperature: 9 **Wind Speed (km/hr):** 13 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	7:27	Rabbit	1		HT	WS	N			124		0635901	7225130	
x	7:34	Musk-ox	1		HT	FO	N	400	E			0634577	7228850	Heading south
x	8:33	Musk-ox	1		HT	RE	N	1Km	E	151		0620979	7241481	
x	1:20	Musk-ox	1		HT	FO	S	1 Km	E	174		0611443	7252602	
x	1:25	falcon	1		RO	RE	S	250	W	173		0611505	7251509	
x	1:51	Eagle	1		RO	FL	S	250	W	161		0620731	7245698	
x	1:55	Caribou	1		HT	FO	S	300	E	160		0620631	7244465	
x	2:20	Caribou	1			WS	S			150		0619402	7236983	Jog to 149 of Haul Rd
x	3:36	falcon	1		RO	RE	S	200	W	122		0636256	7224384	
x	3:35	musk-ox	1		HT	WS	S	400	W	122		0636394	7224086	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/16 **Time Started** 6:30 **Time Ended** 12:10 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.P. Joe, A.

Temperature: 11 **Wind Speed (km/hr):** 13 **Wind Direction:** ESE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Ø

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	7:18	Sandhill Crane	2		HT	FO	N	75	~~W~~ E	137		0628801	7235777	
x	7:41	Ptarmigan	2	F/C	DI	FI	N		W			0617969	7237631	Fly by
x	8:35	Caribou	2	F/C	DI	WS	N			176		0610881	7254777	Walking towards Access
x	10:10	Caribou	300+	HT	DI	FO	S	100/200	E	177		0609471	7255658	300+
x	11:15	Caribou	1	~~CR~~	WR	WS	S	200	W	156		0618396	7237040	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/04/20 **Time Started** 1:13 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** at start **Observer Names:** J.P. J.A.

Temperature: 18°C **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

	Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
										KM	Zone	Easting	Northing	
x	1:53	Eagle	1			FI	N	200	E	137				Hunting
x	2:13	EAGLE	2			FI	N		W/E	150				hunting
x	4:30	muskox	1		HT	FO	S	10	E	157		0620851	7242667	
x	5:00	Caribou	1		HT	FO	S	150	W	149		0619178	7236406	
x	5:06	HAWK	1			FI	S		W	147		~~0635689~~	~~7227179~~	
x	5:30	caribou	1		HT	FO	S	400	W	125		0635689	7227179	
x	5:45	Caribou	1	M	HT	WS	S	10	W	109				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) August 21/19 **Time Started** 2:00 **Time Ended** 5:00 **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:20	Caribou	40+			WS			N	166				
2:21		6						N	168				
2:25		40						N	174				
2:33		500+						N	159				
3:53		5						W	158				
3:57		13						W	158				
3:55		3						E	156				
4:00		50						E	155				
4:05		200+						E	150				
4:16		200+											

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/21 **Time Started** 5:30pm **Time Ended** 11:00pm **Page** ____ **of** ____

Start Location (UTM) Meadowbank **End Location** meadowbank **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
6:30	Eagle	1			FI	N	400	E	146		0620275	7235457	hunting
650	Caribou	1		HT	WS	N	50	E	157		0620856	7242781	
751	Caribou	300+		HT	WS	N	2km	E	158		0620854	7242669	
	Caribou	200+		HT	WQ	N	3km	W	-		—	—	
8:05	Caribou	200+		HT	WS	S	2km	W	154		—	—	walking west
9:00	—	400+		HT	WS	S	1km	W	-		— —	-	walking south

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/21 **Time Started** 7:30 **Time Ended** 15:40 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** @ start **Observer Names:** J.P. L.A.

Temperature: 17°C **Wind Speed (km/hr):** 20 **Wind Direction:** SSW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Ø

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:22	Sandhill Crane	2		HT	FO	N	600	W	118		0634577	7228855	
9:19	Sandhill Crane	2		HT	WS	N	500	E	127				
10:33	Musk ox	8		HT	FO	N	600	E	165		0617240	7247008	
10:43	Caribou	5		HT	WS/FO	N	200	W	171		0612403	7250137	
10:45	~~Snow~~ Geese	40		HT	FO	N	200	W	172		0611781	7250367	
10:47	Canada Geese	24		-	-	-	-	-	-		-	-	
1:00	Caribou	4		HT	WS	S	1km	W	177				
-	Caribou	1		HT	WS	S	1km	E	177				
1:15	Caribou	5		HT	FO	S	900m	W			0612148	7250209	
3:00	Caribou	1		HT	FO	S	100	W	142		0625274	7235520	
3:18	Caribou	2	M		WS	S	50	E	132		0632693	7233082	
3:50	Caribou	1	M	LR	WS	S	5	E	110		0639501	7216604	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/22 **Time Started** 6:30 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Meadowbanks **End Location** _____ **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
705	Geese	70		HT	WS	N	50	E	128		0634281	7229444	
7:10	Caribou	1		HT	WS	N	1km	W	131		0632952	7271914	
7:21	Canada Geese	20+		NA	FI	N	50	E	139		0627171	7236481	
7:55	Caribou	300+		HT	WS	N	2km	E	159		0620757	7243212	
8:10	Caribou	50+		HT	WS	N	150m	E	164		0617685	7246918	
-	-	2		RO	WS	N		NA					
8:25	-	70+		HT	RE	N	400	E	167		0616048	7247384	
8:40	-	200+		HT	WS	N	75	E	168				
8:55	Snow Goose	50+		HT	RE	N	80	E	171		0612026	7250253	
855	Caribou	10		HT	FO	N	100	E			-	-	
9:00	Geese	9		NA	FI	N	50	E	172				
9:05	Caribou	20		HT	RE	N	200	E	173				
10:40	-	9		HT	WS	S	30	E	176		0611099	7254495	
10 41	-	50		HT	WS	S	20	E	176		-	-	
10:50	Geese	3		HT	RE	S	20	E	175				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/22 **Time Started** 6:30 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Meadowbanks **End Location** _____ **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
705	Geese	70		HT	WS	N	50	E	128		0634281	7229444	
7:10	Caribou	1		HT	WS	N	1km	W	131		0632952	7271914	
7:21	Canada Geese	20+		NA	FI	N	50	E	139		0627171	7236481	
7:55	Caribou	300+		HT	WS	N	2km	E	159		0620757	7243212	
8:10	Caribou	50+		HT	WS	N	150m	E	164		0617685	7246918	
-	-	2		RO	WS	N		NA					
8:25	-	70+		HT	RE	N	400	E	167		0616048	7247384	
8:40	-	200+		HT	WS	N	75	E	168				
8:55	Snow Goose	50+		HT	RE	N	80	E	171		0612026	7250253	
855	Caribou	10		HT	FO	N	100	E			-	-	
9:00	Geese	9		NA	FI	N	50	E	172				
9:05	Caribou	20		HT	RE	N	200	E	173				
10:40	-	9		HT	WS	S	30	E	176		0611099	7254495	
10 41	-	50		HT	WS	S	20	E	176		-	-	
10:50	Geese	3		HT	RE	S	20	E	175				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/22 **Time Started** 6:30 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Meadowbanks **End Location** _____ **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
705	Geese	70		HT	WS	N	50	E	128		0634281	7229444	
7:10	Caribou	1		HT	WS	N	1km	W	131		0632952	7231914	
7:21	Canada Geese	20+		NA	FL	N	50	E	139		0627171	7236481	
7:55	Caribou	300+		HT	WS	N	2km	E	159		0620757	7243212	
8:10	Caribou	50+		HT	WS	N	150m	E	164		0617685	7246918	
–	–	2		RO	WS	N		NA					
8:25	–	70+		HT	RE	N	400	E	167		0616048	7247384	
8:40	–	200+		HT	WS	N	75	E	168				
8:55	Snow Geese	50+		HT	RE	N	80	E	171		0612026	7250253	
855	Caribou	10		HT	FO	N	100	E			–	–	
9:00	Geese	9		NA	FL	N	50	E	172				
9:05	Caribou	20		HT	RE	N	200	E	173				
10:40	–	9		HT	WS	S	30	E	176		0611099	7254495	
10 41	–	50		HT	WS	S	20	E	176		–	–	
10:50	Geese	3		HT	RE	S	20	E	175				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/06/23 **Time Started** 6:45 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) meadowbank **End Location** KM 158 H.O.L.4 **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:06	Ptarmigan	2		NA	FI	N		E	111		0639374	7216418	
720	HAWK	1		RO	RE	N	5	W			0637980	7221929	
735	Sparrows	36		HT	FO/RE	N	20	E	127		0634416	7229268	
9:10	Caribou	75+		HT	RE/FO	N	40	E	151		0617898	7237800	
8:14	—	2		HT	WS	N	250	W	152		0617639	7236185	
8:20	—	3		HT	WS	N	300	E	153		0618471	7239212	
8:31	—	9		HT	FO/RE	N	200	E	155		0620934	7241432	
9:56	—	13		HT	RE	N	1km	E	151		0617876	7238478	
10:30	—	2		HT	WS/RE	S	50	E	154		0618704	7239772	
10:35	—	58		HT	WS	S	200	E	153		0617701	7238089	
1:10	—	1							132				
1:50		19						E	151				
1:53		4						W	151				
1:57		3						W					
2:10		1							142				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/24 **Time Started** 7:45 **Time Ended** 5:45 **Page** ___ **of** ___

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** J.P. D.T.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:11	Muskox	1		HT	WS	N	500	E	128		0634195	7229503	
8:17	Geese	30+		HT	FO	N	20	E	129		0633699	7230321	
8:40	Caribou	1	M	Road	WS	N			145		0621905	7236150	walking along Road
8:47	Hawk	1		LR	RE	N	5	E	148		0620195	7235397	
8:49	Caribou	1	M	HT	WS	N	100	W	148		0619897	7235310	
8:58	Caribou	5		HT	WS	N	50	E	149		0619702	7235612	
9:43	Rabbit	1		HT	WS	N	50	E	156		0620854	7240826	
9:56	Caribou	1		HT	WS	N	450	E	169		0614024	7249305	
10:00	—	300+		FR	WS/FO	N	300	W	170		0613721	7249547	
10:07	Caribou	30+				E			170				
10:29	Silk Silk	2		Road	WS				140				
11:13	— —	1		Road	WS/RE	W	Road		133				
11:26	Seagull	1		Road	FO	on Road	Road		125				
4:15	Caribou	200+						W	178				
5:16		1				S		W	145				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/25 **Time Started** 6:45am **Time Ended** _____ **Page** 1 **of** 3

Start Location (UTM) Meadowbank IC **End Location** _____ **Observer Names:** J.P. O.T.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:22	Caribou	1	M	HT	WS	N	400	E	128		0634190	7229490	
7:42	—	2		HT	FO	N	150	E	141		0625393	4236044	
7:48	—	8		HT	RE/FO	N	150	W	144		0622614	723604	
7:54	—	26		HT	FO	N	100	E	145		0621280	7236190	
8:00	—	54		RO	SW	N	700	E	148		0620232	7235415	Crossing water
8:06	—	6		HT	RE/FO	N	200	W	148		0620064	7235363	
8:11	—	3		HT	RE	N	100	W	149		0619695	7235621	
-	—	14		HT	FO	N	150	E	149		—	—	
8:16	—	3		HT	FO	N	1km	W	149		0619469	7235824	
8:19	—	25		HT	RE/FO	N	250	E	149		0619165	7236000	
8:24	—	4		HT	FO/RE	N	150	E	150		0617262	7237206	
8:32	—	2		HT	FO	N	150	W	155		0620193	7241068	
8:39		150		HT	FO	N	100	E	157		0620738	7243262	
8:50		2		HT	WS	N	300	E	165		0616420	7247236	
8:55		23		HT	FO	N	150	E	168		0614577	7248698	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/25 **Time Started** _____ **Time Ended** _____ **Page** 2 **of** 3

Start Location (UTM) Amarok **End Location** Meadow **Observer Names:** J.P. D.T

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:02	Caribou	30		Ht	WS	N	400	E	171		0612259	7250176	
9:07	—	3		Ht	WS	N	100	E	173		0611521	7251934	
9:11	—	28		Ht	RE	N	140	E	174		0611144	7252762	
9:13	—	150		Ht	WS	N	700	E	175		0611405	7253274	
10:13	Geese	55		HT	Re	S	30	E	176		0610766	7254991	
10:17	Caribou	3	M	HT	RE	S	8'50	W	175		0611324	7254086	
10:22	—	27		HT	RE/fo	S	250	E	174		0611446	7252630	
10:24	Geese	13		HT	fo	S	100	E	171		0612037	7250255	
10:31	Caribou	39		HT	fo/ws	S	250	E	171		0612035	7250254	
10:35	Hawk	1			Fl	S		W	169		0612767	7249507	
10:39	Caribou	144		HT	fo/RE	S	200	E	168		0614315	7248852	
10:54	—	4		HT	WS	S	300	E	161		0620364	7245652	
11:07	—	2		HT	Re	S	250	W	154		0618509	7239251	
11:17	Muskox	1		HT	WS	S	150	E	149		0619176	7236557	
11:25	Caribou	13		HT	WS	S	250	E	147		0620500	7236240	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/25 **Time Started** 1.30 **Time Ended** 17:30 **Page** 3 **of** 3

Start Location (UTM) Meadow **End Location** _____ **Observer Names:** DT J.P

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:44	Muskox	1		HT	FO	N	15	E	126		0635439	7228118	
2:01	Caribou	21		HT	WS	N	250	W	142		0624162	7235838	
2:09	—	3		HT	FO	N	150	W	144		0622625	7235995	
2:18	—	2		HT	RE/WS	N	100	W	152		0617813	7237953	
—	—	2		HT	WS	N	300	E	-		—	—	
2:25	Caribou	3		HT	WS	N	50	E			0618112	7238599	
2:37	—	1		HT	WS	N	100	W	157		0620764	7242523	
2:56	caribou	3		HT	WF	N	500	E	167		0615261	7247907	
2:53	Caribou	3		HT	WS	N	50	E	166		0614942	7248219	Small one limping
4:40	—	73		HT	RE	S	300	W	143		0624167	7235793	Wolf dead
5:05	muskox	1		HT	RE	S	250	E	123		0636244	7224417	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/06/26 **Time Started** _____ **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
4:50	Caribou	1		HT	FO	S	1 km	W	143				
4:58	Caribou	1		HT	RE	S	100	E	139				
5:03	Hawk	1		HT	FL	S		E	135				
5:14	Caribou	1		HT	RE	S	200	W	129				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/26 **Time Started** 6:40 **Time Ended** _____ **Page** 1 **of** 2

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:17	Caribou	1	M	HT	WS	N	50	W	126				Crossing
7:35		40		HT	RE/FO	N	400	E	137				
7:40	—	2		HT	FO	N	1km	E	142				
7:50		1		HT	FO	N	350	E	149				
7:52		6		HT	RE	N	250	E	149				
7:52		4		HT	WS	N		E	150				
7:53		4		HT	RE	N		W	150				
8:09		1		HT	RE	N		E	159				
8:15		9		HT	WS	N	900	W	165				
8:16		4		HT	RE	N	600	W	170				
8:18		16		HT	WS	N	350	E	172				
8:20		1		HT	RE	N	200	E	172				
8:22		8		HT	WS	N	400	W	178				
8:59		3		HT	RE	S	600	W					
9:05		1		HT	RE	S		W	167				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/26 **Time Started** 9:30 **Time Ended** 11:00 **Page** 2 **of** 2

Start Location (UTM) 150 **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:34	CARIBOU	4		HT	WS	S	400	W	150				
9:35	CARIBOU	1		HT	RE	S	250	E	135				
9:40	Caribou	3		HT	FO	S	1KM	W	138				
1030	Sandhill C	2		HT	FO	S	300	E	131				
1041	Siksik	1		Road	Rest	S	Road		123				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/26 **Time Started** 12:30 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** _____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:09	Hawk	1		HT	FL	N		W	127				
2:26	Caribou	1		HT	WS	N	600	E	139				
2:31	Caribou	12		HT	WS	N	2KM	E	141				
2:43	Caribou	1		HT	WS	N	300	W	149				
2:45	Caribou	1		HT	WS	N	25	W	149				
2:55	Caribou	1		HT	WS	N		E	152				
3:21	Caribou	1		HT	WS	N	400		154				
3:33	—	1		MT	RE/FO	N	350	W	155				
-	—	1		HT	WS	N	200	E	156				
3:50	Caribou	1		HT	WS	N	500	E	158				
4:30	Caribou	2		HT	FO	S	20	E	146				
4:39	Geese	5		HT	FO	S	250	E	146				
4:44	Caribou	16		HT	FO	S	3KM	E	145				
4:45	Caribou	1		HT	RE	S	1 KM	W	145				
4:47	Caribou	2		HT	FO	S	450	W	145				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-08-26 **Time Started** 13:30 **Time Ended** 17:30 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** Marilyne Arcand

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:00	CARIBOU	200	—		WS	E	300m	E	143	14			
14:38	"	1	—		FO	—	40m	W	148	14			
14:48	"	450	—		WS	N	600m	E	152	14			
14:55	"	1	—		—	W	0 m	ON	152.5	14			
15:21	"	1	—		—	W	0m	ON	155	14			
15:53	"	11	—		WS (crossing)	W	0m	ON	169	14			
16:03	"	1	—		"	W	0m	ON	170	14			
16:20	"	9	—		WQ	W	150m	E	172	14			
16:28	"	3	—		—	—	5m	E	174.5	14			
16:30	"	4	—		AL	W	0m	ON	175.5	14			
16:41	"	7	—		WS	S	75m	E	176	14			
16:43	"	6	—		WS	N	100m	W	176.5	14			
16:46	"	70	—		WS	W	175m	W	177	14			
17:13	"	2	—		WS	W	0m	ON	177.5	14			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/27 **Time Started** 6:50 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) meadow **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:34	MUSOX	1		HT	RE	N	150	E	122				
8:41	Caribou	1		HT	WS	N	250	E	119				
8:49	MUSOX	1		HT	WS	N	150	E	125				
8:57	Geese	20		HT	RE	N	100	E	130				
8:59	Bald Eagle	1		RO	RE	N	5	W	131				
9:04	Geese	30		HT	RE	N	1KM	E	138				
9:07	Geese	15		RO	RE	N	10	E	138				
9:11	Caribous	53		HT	WS	N	100	E	140				
9:16	Caribou's	50		HT	WS	N	250	E	140				
9:19	Caribou	1	M	HT	WS	N	150	W	143				
9:56	Geese	30		HT	FO	N	100	W	174				
9:59	Geese	13		HT	RE	N	100	W	175				
1:33	Caribou	1		HT	WS	S	150	E	176				
153	—	1		RO	RE	S	on Road	E	175		0610832	7254932	
2:00	—	1		HT	WS	N	750	W	177		0610431	7255234	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/27 **Time Started** 2:04pm **Time Ended** _____ **Page** 2 **of** _____

Start Location (UTM) Amaruq **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** _____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:47	Caribou	1		HT	WS	S	1km	E	170		060845	7255346	
3:30	—	1		HT	FO	S	3 km	E	176		—	—	
3:45	Caribou	1		HT	WS	S	75	E	174				
3:47	Geese	20		HT	WS	S	100	W	174				
3:47	Caribou	1		HT	WS	S	350	E	174				
3:50	Geese	4		HT	FL	S	250	E	175				
3:54	Caribou	200		HT	FO	S	1KM	E	175				
3:55	Caribou	1		HT	RU	S	100	W	175				
3:56	Caribou	8		HT	WS	S	25	E	175				
3:57	Caribou	6		HT	RU	S	400	W	175				
3:58	Caribou	200		HT	RE	S	250	E	175				
3:59	Caribou	1		HT	WS	S	150	W	175				
4:01	Caribou	1		HT	WS	S	100	E	175				
4:02	Caribou	1		HT	WS	S	150	E	175				
4:05	Caribou	1		HT	FO	S	800	W	169				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/27 **Time Started** 2:04 **Time Ended** 5:00 **Page** 3 **of** 3

Start Location (UTM) AMar-wg **End Location** _____ **Observer Names:** DT JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
4:07	Caribou	3		HT	WS	S	450	E	169				
4:11	Caribou	1		HT	RE	S	100	E	169				In Jwed
4:31	Caribou	1		HT	WS	S	100	E	169				
4:41	Caribou	1		LR	WS	S	100	E	169				
4:52	Hawk	1			FL	S		E	169				
5:04	Geese	13		HT	FL	S	50	W	152				
5:08	Hawk	1			FL	S		W	152				
5:09	FOX	1			RU	S	40	W	149				
5:12	Caribou	1		HT	RU	S	150	W	149				
5:13	Caribou	1		LR	WS	S	150	W	149				
5:22	Caribou	1		HT	RE	S	1 KM	W	146				
5:23	Caribou	100		HT	FO	S	1 KM	W	146				
5:25	Caribou	1		HT	WS	S	900	E	141				
5:25	Caribou	30		HT	RE	S	900	E	141				
5:34	Caribou	4		HT	WS	S	100	E	141				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/27 **Time Started** 5:28 **Time Ended** 6:30 **Page** 4 **of** 4

Start Location (UTM) _____ **End Location** _____ **Observer Names:** DTJP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:28	caribou	1		HT	WS	S	100	E	141				
5:30	caribou	1		LR	RU	S	50	E	139				
5:31	Hawk	1			FL	S	100	E	139				
5:46	Muskox	1		HT	WS	S	600	E	126				
5:49	Caribou	1		LR	WS	S	1 km		126				
5:50	Caribou	1		HT	WS	S	560	W	126				
5:57	Caribou	1		HT	WS	S	600	E	120				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/28 **Time Started** 7:07 **Time Ended** 8:49 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Blind Hill 154 **Observer Names:** KM OT

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:39	Geese	14		Ht	RC	N	150	E	127				
7:47	Rabit	1		RO	WS	N	30	W	132				
7:51	Hawk	1			FI	N	50	W	135				
7:58	Caribou	10		Ht	RE	N		W	136				
8:00	Caribou	52		Ht	WS	N	100	E	140				
8:22	Caribou	17		Ht	WS	N	100	E	145				
8:25	Caribou	9		Ht	WS	N	25	W	143				
8:39	Geese	20		Ht	FI	N	10	E	145				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/28 **Time Started** 8:50 **Time Ended** 9:55 **Page** 2 **of** 2

Start Location (UTM) Bilind Hill 154 **End Location** Vault **Observer Names:** KM DT

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:07	Caribou	30		HT	FO	S	406	W	141				
9:10	caribou	30		HT	WS	S	70	W	139				
9:52	Hawk	1			FL	S	150	E	118				
10:05	Wolverine	1		LR	RU	S	100	W	109				cross road

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/28 **Time Started** 1:40 **Time Ended** 6:06 **Page** 1 **of** 2

Start Location (UTM) Meadow **End Location** Km 176 **Observer Names:** Joe

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
205	EAGLE	1			FI	N	150	W	116				
209	EAGLE	1			FI	N	150	E	126				
217	HAWK	1			FI	N	20	W	128				
218	falcon	1			FI	N	20	W	128				
223	Eagle	1			RE	N	50	E	133				
220	EAGLE	1			FI	N	150	W	134				
226	HAWK	1			FI	N	100	E	135				
240	Caribou	2		HT	FO/RE	N	400	E	146				
241	muskox	5		HT	WS	N	75	W	146				
-	Caribou	1		HT	WS	N	50	E	146				
248	Caribou	2		Road	WS/FO	N	0		148				
253	Caribou	2		HT	FO	N	1km	E	149				
306	wolf	1		Road	RE	N	Road	Road	150				
344	HAWK	1			FI	N		E	165				
345	Caribou	1		Road	WS	N	Road	Road	169				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/02/28 **Time Started** 3:57 **Time Ended** 6:00 **Page** 2 **of** 2

Start Location (UTM) km 170 **End Location** Meadow **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
3:57	Caribou	80		HT	WS	N	20	W	170				
4:32	Eagle	1			FL	S	50	E	162				
4:45	Caribou	1		HT	FO	S	900	W	156				
4:56	—	1		RO	RE	S	700	W	150				
5:02	muskox	5		HT	RE	S	40	W	147				
5:06	Caribou	2		HT	FO	S	700	E	147				
5:11	EAGLE	1			FL	S			145				
5:13	Caribou	1		HT	WS	S	500	E	143				
5:14	Caribou	7		HT	WS	S	100	E	142				
5:46	falcon	1			FL	S	50	W	136				
6:05	Caribou	1		HT	FO	S	350	E	112				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/29 **Time Started** 6:30 **Time Ended** _____ **Page** 1 **of** 2

Start Location (UTM) Meadow **End Location** _____ **Observer Names:** J.P. H.N.

Temperature: _____ **Wind Speed (km/hr):** 60/80 **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:58	Caribou	3		HT	WS/FO	N	30	W	144				
—	—	1		HT	WS	N	50	E	144				
8:23	Wolf	1		Road	WS	N	Road	Road	154				
9:25	Caribou	5		HT	WS	S	2km	W	Am				
9:43	Caribou	13		HT	WS/FO	S	3km	E	175				
		14		HT	WS/FO	S	1km	W	-				
9:54	—	30		HT	FO	S	300	E	175				
956	—	8		HT	FO	S	200	W	174				
1004	—	5		HT	RS/FO	S	106	W	169				
1005	—	1		HT	FO	S	200	E	169				
11:11	—	24		HT	WS	S	50	W	139				
—	—	21		HT	WS	S	40	E	139				
1134		16		HT	FO	S	20	E	138				
1134	muskox	1		HT	WS	S	450	W	126				
11:51	Caribou	1		HT	FO	S	150	E	113				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/29 **Time Started** 1:00 **Time Ended** _____ **Page** 2 **of** 2

Start Location (UTM) meadow **End Location** _____ **Observer Names:** HN JP

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:20	Caribou	1		HT	WS	N	50	E	113		0359224	7218529	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/30 **Time Started** 6:30 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** HN JP

Temperature: 5° **Wind Speed (km/hr):** 14 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:55	Raven	1		RO		W			160				
10:59	Snow Geese	40		SE	Resting Feeding		1-10	E+W	161				
11:14	Snow Geese	30		SE	Resting Feeding		1-5	E	174				
3:30	Raven	4		RC			100m	E	133				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19/09/03 **Time Started** 1:00pm **Time Ended** 6:00 PM **Page** 1 **of** 1

Start Location (UTM) 116 KM **End Location** 177 KM **Observer Names:** Hugh, Isabelle T

Temperature: 6.7 **Wind Speed (km/hr):** 44 **Wind Direction:** ? **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
VAULT → 1:03	Snow Geese	80	Y, A	HT	R	South	5M	W			14W 0639352 N 7216393		
1:23	SMASH	1	?						116		14W 0640007 UTM 7220770		Road Kill
2:50	Fox	1	Pup		WQ	South	—	SW	162		14W 0619696 7246257		
3:10	Owl	1	?		FL		5	E	172		14W 0611510 7250646		
5:12	Snow Geese	60		HT	R		5-100	E	130		14W 0602725 7223173		
5:20	Snow Geese	100		HT	R		50-100	E	124		14W 0623575 7227423		
Vault → 5:40	Caribou	1	A		RE		20	E	103		15W 0359204 7218367		

✓ time
✓ → AMQ road tan
✓
✓
✓

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Entré comme Wildlife Survey reste les logs

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/09/05 **Time Started** 1:30 **Time Ended** 6:00 pm **Page** 1 **of** 1

Start Location (UTM) 116 KM **End Location** 177 KM **Observer Names:** H.N. / I.K

Temperature: 7°C **Wind Speed (km/hr):** 7. **Wind Direction:** NNW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:00	owl	1		HT	FL	circle	5m	E		14W	0634706	7228700	
2:10	SIKSIK	1		Road	RU	West	~~0~~	W		14W	0630449	7234700	
2:30	Caribou	5	M	T	Grazing		100m	W		14W	0619818	7235402	KM 148
3:04	Eagle	1		FL	Hunting	circle	150m	W		14W	0618485	7246990	KM 164
3:24	LOON	1		WA		—	150m	W		14W	0618485	7246990	KM 164
4:30	SIKSIK	1		Road	Feeding	West	~~0~~	W					KM 149
5:00	Raven	2		RO	Resting	~	20m	W					KM 139

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/09/05 **Time Started** 1:30 **Time Ended** 6:00 pm **Page** 1 **of** 1

Start Location (UTM) 116 KM **End Location** 177 KM **Observer Names:** H.N. / I.K

Temperature: 7°C **Wind Speed (km/hr):** 7. **Wind Direction:** NNW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:00	owl	1		HT	FL	circle	5m	E		14W	0634706	7228700	
2:10	SIKSIK	1		Road	Rd	West	~~0~~	W		14W	0630449	7234700	
2:30	Caribou	5	M	T	Grazing		100m	W		14W	0619818	7235402	KM 148
3:04	Eagle	1		FL	Hunting	circle	150m	W		14W	0618485	7246990	KM 164
3:04	Loon	1		WA		—	150m	W		14W	0618485	7246990	KM 164
4:30	SIKSIK	1		Road	Feeding	West	~~0~~	W					KM 149
5:00	Raven	2		RO	Resting	~	20m	W					KM 139

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/09/06 **Time Started** 7:45 ~~am~~ **Time Ended** 10:30 **Page** 1 **of** 1

Start Location (UTM) 116 KM **End Location** 177 Km **Observer Names:**

Temperature: 6°C **Wind Speed (km/hr):** 6 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:**

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:50	Snow Geese	30	?	T	RE/Feeding	—	1	W	117	14W	0638430	7221155	Km 117
8:00	Snow Geese	20		T	RE/Feeding	—	100	E	122	14W	0636031	7224717	
8:00	Snow Geese	20	?	T	RE/Feeding		5	W	122	14W	0636031	7224717	
8:10	Sandhill Crane	2		T	Feeding	N	150	E	128	14W	0635100	7228123	
8:24	Snow Geese	40		T	Feeding	—	250	E	139	14W	0630536	7234670	
8:40	Caribou	3	2B 1F	~~Feed~~	Road crossing	SW	0	crossing					
9:20	~~~~			~~~~	Turned	back	at	157	Km				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) Whale Tail Haul Road

Date (year/month/day) 19/06/06 **Time Started** 12:30 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) _____ **End Location** _____ **Observer Names:** _____

Temperature: 3 **Wind Speed (km/hr):** 16 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
				Not Surveyed									
				due to	bldg.								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 24/Sep/19 **Time Started** 1:20 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** Amaruq **Observer Names:** AJ Blake

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1139	Snowy Owl	60		HT	Fo	E	50	N	120	14W	0636456	7223490	
200	"	50		LR	Re	—	50+10		134	14W	0628145	7236153	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 24/Sep/19 **Time Started** 1:20 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** Amaruq **Observer Names:** AJ Blake

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1139	Snowy Owl	60		HT	Fo	E	50	N	120	14W	0636456	7223490	
200	"	50		LR	Re	—	50+10		134	14W	0628145	7236153	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 25-09-2019 **Time Started** 13:15 **Time Ended** 15:00 **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** M.A, A.B.

Temperature: 6°C **Wind Speed (km/hr):** 65 **Wind Direction:** NNE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Snow

charging fastly

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
13:50	ARTIC HARE	1	—	HT	WQ	E	(crossing) ON	OM	163	14			
14:30	FOX	1	—	HT	ST	—	1M	E	135	14			

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

(12)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/01 **Time Started** 127 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) meadowbank **End Location** _____ **Observer Names:** Joe

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:50	Caribou	1		HT	WS	N	50	E	120		0637262	7222962	
511	—	40+		HT	WS	S	10	E	119				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR (Vault Haul Road) (Whale Tail Haul Road)

Date (year/month/day) 2019/10/02 **Time Started** 6:40 am **Time Ended** 5:23 **Page** 1 **of** 1

Start Location (UTM) meadowbank IC **End Location** meadowbank IC **Observer Names:** J.P. M. A.

Temperature: 2 **Wind Speed (km/hr):** 18 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:13	Caribou	24		HT	FO	N	10	E	125		0637427	7222833	✓
8:45	—	27		HT	WS	NW	400	E	117		0638979	7221096	✓
8:57	—	71		HT	WS	N	0 (RDP)	E	100		0637188	7223100	Road ✓
10:43	—	154		HT	WS	S	0 (RDP)	E	124		0635652	7226314	✓
10:59	Soo-t	209		HT	Folks	S	10	E	122		0636017	7224722	✓?
4:46	Grizzly	1		HT	WS	S	15	W	125				✓

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/03 **Time Started** 6:45 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.P. I.T.

Temperature: -2.3 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** None

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:10	Caribou	7		HT	FO/RE	N	250	E	124		0635714	7225815	✓
											0635661	7227124	✓
718	Caribou	1		HT	WS	N	950	W	125		0635661	7227124	✓
7:25	–	5		HT	FO	N	500	W	125		0635452	7229038	✓
–	–	–		HT	WS	N	950	E	125		–	–	✓?
–	–	1		HT	FO	N	1km	E	126		0635400	7228228	✓
736	–	1	m	HT	WS	N	10	W			0634492	7228955	✓
7:40	–	100		HT	WS	N	500	E	128		0634200	7229490	5m Tags ✓
2:31	–	80		HT	FO/RE/WS	N	75	E	129		0634206	7229490	✓
4:25	Fox	1		HT	WS	S	25	E	124				✓

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/10/04 **Time Started** 7:00 **Time Ended** 10:50 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.P. I.T

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Rain

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:53	Caribou	5		HT	RE/FO	N	150	E	126				✓
8:00	–	23		HT	FO/RE/WS	N	150	E	126				✓
8:03	–	16		HT	FO/WS	N	100	E	127				✓
8:09	–	11		HT	FO/RE	N	75	E	126				✓
8:20	–	9		HT	FO	N	150	E	126				✓
10:05	–	3		HT	RU	S	250	E	120				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

* No official wildlife survey. Caribou monitoring only *

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019-10-05 **Time Started** 7h40 **Time Ended** 10h40 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** Vault laydown **Observer Names:** Isabelle C.

Temperature: 3°C **Wind Speed (km/hr):** 10 **Wind Direction:** NE **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** Snowing

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:10	Caribou	≈500	NA	HT	FO	N	≈200	E	129	14W	0626743	7196440	
				*	TURNED AT KM 132 *								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

Not a wildlife survey. Caribou monitoring only

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019-10-08 **Time Started** 7:20 **Time Ended** 11:30 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** Vault laydown. **Observer Names:** IC

Temperature: -5 **Wind Speed (km/hr):** 14 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** light rain

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7:45	Caribou	30	NA	HT	WS	N	≈150	E	127	14W	0634806	7228611	
8:20	Caribou	≈200	NA	HT	FO	E	≈100 to 1km	E	135	14W	0630876	7234411	
9:07	Caribou	≈300	NA	HT	WS	N	800	E	115	14W	0621875	7236154	behind hill
10:00	Caribou	≈200	NA	HT	WS	N	200	E	125	14W	0635617	7227026	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/08 **Time Started** 1:08 **Time Ended** 7:20PM **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Rain

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:06	Caribou	200+		HT	ws/fo	N	950	W			0635698	7227207	
2:11	–	500+		HT	fo	N	2km	E					
3:10	–	200+		HT	RE/fo	N	1km	E	134		0631958	7233640	
3:36	muskox	1		HT	fo	N	125	W	139		0619681	7235642	
3:43	Caribou	~~30~~ 47		HT	fo/ws	N	75	E	149		0619150	7236619	
4:14	–	8		HT	fo/ws	N	900	E	161		0620292	7245819	
5:39	–	200		ice	ws	S	400	E	139		0627063	7236478	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/09 **Time Started** 7:00 **Time Ended** 245 **Page** 1 **of** ____

Start Location (UTM) Meadowbank **End Location** Meadowbank IC **Observer Names:** J.P. I.T.

Temperature: ____ **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Rain/Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
750	Caribou	3		HT	RE	N	150	E	117		0638744	7220909	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/08/09 **Time Started** 7:00 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** Amaruq **Observer Names:** J.P. I.T.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Snow/Rain

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
659	Caribou	9		HT	WS	N	400	E			0639690	7216815	
824	Owl	1			FI	N		W/E	134		0629557	7235131	
8:40	Caribou	6		HT	FO/WS	N	500	W	144		0622367	7236098	
—	—	4		HT	WS	N	400	E	144		—	—	
900	—	192		HT	WS/FO/RE	N	10	E	—		0621496	7236191	
9:30	—	90		HT	RE/FO/WS	N	300	E	146		0620343	7235698	
10:10	—	6		HT	WS	N	125	E	149		0619182	7236516	
1154	~~1154~~	1		HT	FO	N	200	W	150		0618046	7237416	
1154	Muskox	1		HT	FO	N	2:50	W	-		—	—	
12:43	Caribou	225+		HT	FO/RE	S	50	E	148		0619337	7235975	
4:56	—	35+		HT	WS	N	1km	E	160				
5:04	—	8		HT	FO	N	100	E	164				
5:15	—	25		HT	FO	N	200	E	165		0616609	7247168	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/10 **Time Started** 8:15 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Amaruq **End Location** Meadowbank **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** 60 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Blizzard

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:53	Caribou	1		HT	WS	N	400	E	119				Limping
2:26	fox	1		ICE	WQ	N	350	E	139				Crossing
2:34	Caribou	3		HT	WS	N	600	E	144				
2:43	Caribou	1254		HT	FO/RE	N	100	E	147				
2:51	—	3		HT	WS	N	100	E	149				
3:10	—	1		HT	WS	N	200	E	159				
3:29	—	5		HT	WS	N	950	E	169				
4:37	—	3		HT	FO/RE	S	250	W	162				
4:43	—	250		HT	FO/RE	S	300	W	158				
4:54	—	150		HT	FO/WS	S	1km	W	153				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/11 **Time Started** 7:00 **Time Ended** 4:30 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.P

Temperature: -5 **Wind Speed (km/hr):** 20 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
831	Caribou	35		HT	FO		950	W	150				
844		40		HT	WS		450	E	161				
852	—								164				
858	Wolf	1		HT			300	E	169				
1040	Caribou	200+		HT	FO		950	E	173		0611515	7251530	
1059	—	37		HT	FO/RE		400	E	170		0612870	7249966	
1105	—	26		HT	WS		3km	W	169		0613734	7249539	
1114	~~HE~~	6		HT	FG		450	E	~~166~~		0615850	7247479	
1125	—	31		HT	WS		650	E	161		0620588	7245093	
1141	—	9		HT	FO		400	E	173		0611508	7252064	
1146	—	153		HT	FO		150	E	172		0611531	7251640	
1356		42		HT	WS		450	E	129				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/12 **Time Started** 7 30 **Time Ended** 430 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.P.

Temperature: 2 **Wind Speed (km/hr):** 20 **Wind Direction:** S **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
830	Caribou	100+							129				
945	Caribou	150		HT	WS	N	1.5km	E	166				
2:24	—	125		HT	RE	S	700	E	173				
4:00	"	150		HT	WS	N	800	E	148				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/13 **Time Started** 8:00 **Time Ended** 4:00 **Page** 1 **of** 1

Start Location (UTM) MEADOWBank **End Location** _____ **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1233	Caribou	1		HT	FO				158				
1255	—	1			WS	S	350	E	166				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/14 **Time Started** 7:00 **Time Ended** 5:20 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Meadowbank **Observer Names:** J, P.

Temperature: -15 **Wind Speed (km/hr):** 30 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Windy

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:00	Caribou	11		HT	FO/WS	W	950	E	144		0621907	7236157	
9:21	–	120		HT	WS	N	1 km	E	150		0618293	7237196	
9:38	–	250+		HT	FO/RE	N	1.5km	E	157		0620861	7242782	
1:10	–	2		HT	WS	S	750	E	166		0616113	7241355	
1:31	–	2											
2:10	–	53		HT	WS/FO	S	800	E	141		0625733	7235933	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) Oct 15 2019 **Time Started** 8:56 **Time Ended** 15:40 **Page** 1 **of** ____

Start Location (UTM) Vault **End Location** Meadowbank **Observer Names:** J.P.

Temperature: -12 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:14	Caribou	6		HT	FO	N	800	E	118				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/16 **Time Started** 7:00 **Time Ended** 5:00 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** Vault **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** foggy

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
~~11:30~~	~~Muskox~~	~~1~~		~~HT~~	~~FO~~	~~N~~	~~1km~~	~~E~~	~~135~~		~~06~~		
11:30	Muskox	1		HT	WS/FO	S	300	E	125				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/17 **Time Started** 7:00 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J.P.

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
/													

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-19 **Time Started** 8:30 **Time Ended** 4:15 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** MBK **Observer Names:** ABIDN

Temperature: ~0 **Wind Speed (km/hr):** ~20 **Wind Direction:** ____ **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** light snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:30	caribou	2004		HT	W	NW	400	E	154				
11:00	"	50		HT	W	N	50	E	157				
12:45	"	50			FO	—	100	E	165				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-20 **Time Started** 8:30 **Time Ended** 11:00 **Page** ___ **of** ___

Start Location (UTM) MBK **End Location** MBK **Observer Names:** A.B.D.N

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:40	caribou	1		HT	FO,WS	N,W	40	E	126				Injured
11:08	"	15		HT	FO	—	200	E	139				

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019-10-22 **Time Started** 12h30 **Time Ended** 5:00 pm **Page** 1 **of** 1

Start Location (UTM) Vault Laydown **End Location** Vault Laydown **Observer Names:** AB, HN

Temperature: -6 **Wind Speed (km/hr):** 14 **Wind Direction:** W **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NO

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	lat. Easting	long. Northing	
3:30	Muskox	1	[redacted]	LR	ST	—	300	SE	146				
4:00	Muskox	2							154				called in by road user
4:30	Caribou	10						E-W	147				called in by road user
4:30	caribou	150		HT	FO	N	1000	N.E	122		65° 6' 46.936"	96° 5' 44.417"	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/23 **Time Started** 8:00 **Time Ended** 14:00 **Page** ____ **of** ____

Start Location (UTM) MRK **End Location** MRK **Observer Names:** AJ / HN

Temperature: -9 **Wind Speed (km/hr):** ~~20~~ 30K **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
- no	wildlife				observed								

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019/10/24 **Time Started** 9:00 am **Time Ended** 3:00 pm **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** DN / HN

Temperature: -7 **Wind Speed (km/hr):** 15 **Wind Direction:** WNW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** 0

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

No wildlife

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/25 **Time Started** 09:00 **Time Ended** 011:00 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** 141 **Observer Names:** DN/HN

Temperature: -7 **Wind Speed (km/hr):** 20K **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** good

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

No wildlife

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road (Whale Tail Haul Road)

Date (year/month/day) 2019-10-29 **Time Started** 3:31 pm **Time Ended** 4:31pm **Page** 1 **of** 1

Start Location (UTM) 14W 640096E 7220755N **End Location** 14W 625399E 7236063N **Observer Names:** Chris Shapka, Isabelle Couture

Temperature: -11 **Wind Speed (km/hr):** 30 **Wind Direction:** SE **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
5:44	arctic fox	1	NA	HT	WS	W	0	W	134	14	632346	7233656	
				Turned at Km 141.									

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019-10-30 **Time Started** 07:50 **Time Ended** 12:00 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** AMQ **Observer Names:** ONICS

Temperature: -9°C **Wind Speed (km/hr):** 6.5 **Wind Direction:** NW **Visibility (circle):** 100m, 500m, 1km, >1km **Precipitation:** Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:00	muskox	6	m/F	HT	RE/WS	E	100m	E	160	14	0619097	7236665	
10:30	wolverine	1	M	HT	WQ	E	20m	E	180	14	0610920	7254707	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/10/31 **Time Started** 8:34 **Time Ended** 5:30 **Page** 1 **of** 1

Start Location (UTM) KM 116 **End Location** KM 116 **Observer Names:** LT/C.S

Temperature: -11 **Wind Speed (km/hr):** 10 **Wind Direction:** W **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
11:06	Caribou	2	Mixed	-	WS	S	75	E	150	14	618212	7237245	
15:53	Wolverine	1	-	-	RU	N	350	E	120	14	638145	7221633	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/04 **Time Started** 10:00 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** Meadowbank **Observer Names:** J.P.

Temperature: ~16 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1	Caribou	1		M/T	WS	S	450	E	130		0633499	7230886	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

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AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 11/05/2019 **Time Started** 7:30 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** TOM THOMPSON

Temperature: -5 **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
7145	CARIBOU	3			CROSSING	NORTH	100	N	130	14W	0637576	7222789	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day): 2019/11/12 **Time Started** 1:00 PM **Time Ended** 6:30 **Page** 1 **of** ____

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J. P.

Temperature: ____ **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
1:25	~~Muskox~~ Caribou	6		HT	WS	N	1km	E			0640296	7217172	
2:31	Muskox	5		HT	Fo	N	250	W	148		0619221	7236241	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 13/11/2019 **Time Started** 7:55 am **Time Ended** 11:22 am **Page** 1 **of** ____

Start Location (UTM) Meadowbank **End Location** Meadowbank **Observer Names:** J. P.

Temperature: -19 **Wind Speed (km/hr):** 40/60 **Wind Direction:** NW **Visibility (circle):** 100m 500m (1km) >1km **Precipitation:** Poor

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:22	Musk ox	7		HT	FO	N	300	W	149		0619587	07235751	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (day/month/year) 14/11/2019 **Time Started** Meadowbank **Time Ended** 11:06 **Page** 1 **of** 1

Start Location (UTM) MEADOWBANK **End Location** Meadowbank **Observer Names:** J.P. D.N.

Temperature: -22 **Wind Speed (km/hr):** 40 **Wind Direction:** ~~SW~~ NW **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (N or S)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:10	muskox	7		HT	FO	N	106	W	148		0619511	7235788	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-16 **Time Started** 13:35 **Time Ended** 17:00 **Page** 1 **of** 1

Start Location (UTM) Vault laydown **End Location** km 160 **Observer Names:** DeTek Volleau

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Nada

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-11-17 **Time Started** 08:50 **Time Ended** 14:53 **Page** 1 **of** 1

Start Location (UTM) vault laydown **End Location** vault laydown **Observer Names:** Derek N

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Fog

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: ~~Meadowbank AWAR~~ Vault Haul Road ~~Whale Tail Haul Road~~

Date (year/month/day) 19-11-19 **Time Started** 1:00pm **Time Ended** 6:00pm **Page** 1 **of** 1

Start Location (UTM) MBK/Vault **End Location** _____ **Observer Names:** Joe P.

Temperature: -30 **Wind Speed (km/hr):** 20 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
2:47	Muskox	6		HT	Fo	N	400	W	153		0618498	7239247	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/22 **Time Started** 6:45 **Time Ended** _____ **Page** ____ **of** ____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** J.P.

Temperature: -18 **Wind Speed (km/hr):** 20 **Wind Direction:** E **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Snowing

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:22	Musk ox	1		HT	FO	S	500	W	165		0617398	7246969	
9:19	—	6		HT	FO	S	400	W	154		0618518	7239317	
18:21	Caribou	7		HT	WS	S	300	W			0639691	7216834	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/23 **Time Started** 8:00 **Time Ended** 12:30 **Page** 1 **of** 1

Start Location (UTM) MBK **End Location** MBK **Observer Names:** AB

Temperature: -10 **Wind Speed (km/hr):** — **Wind Direction:** — **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:31	Muskox	5	—	HT	Fed	S	40	W	154				
10:45	Muskox	1	—	HT	FSh	—	30	E	163				limping

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) ~~19-11-26~~ 19-11-26 **Time Started** 12:36 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** DN/JP

Temperature: -30 **Wind Speed (km/hr):** 20 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:17	Muskox	2		HT	ST/RE	N/A	600	W	169		0614949	7248205	
16:42	Fox	1		HT	WS	E	0	W			0635598	7226795	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) ~~19-11-26~~ 19-11-26 **Time Started** 12:36 **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** DN/JP

Temperature: -30 **Wind Speed (km/hr):** 20 **Wind Direction:** N **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** NONE

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
14:17	Muskox	2		HT	ST/RE	N/A	600	W	169		0614949	7248205	
16:42	Fox	1		HT	WS	E	0	W			0635598	7226795	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) Nov 27 **Time Started** 9:08 **Time Ended** 4:06 **Page** 1 **of** 1

Start Location (UTM) meadow **End Location** Meadowbank **Observer Names:** ON JP

Temperature: -21 **Wind Speed (km/hr):** 30 **Wind Direction:** N **Visibility (circle):** 100m (500m) 1km >1km **Precipitation:** BS

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
9:38	Muskox	2		HT	RE		150	W	168		0614785	7248406	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) Nov 28 2019 **Time Started** 6:30 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** N.E. J.P.

Temperature: -16 **Wind Speed (km/hr):** 40 **Wind Direction:** NE **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
8:13	Fox	1		Road	WS	W	on Road		133		0683707	7233976	Scrap

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/11/29 **Time Started** 6:30 **Time Ended** _____ **Page** 1 **of** _____

Start Location (UTM) Meadowbank **End Location** _____ **Observer Names:** J.P

Temperature: -25 **Wind Speed (km/hr):** 40 **Wind Direction:** SW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Blowing Snow

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
		NO WILDLIFE											

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/12/12 **Time Started** 7:00 **Time Ended** 15:07 **Page** 1 **of** 1

Start Location (UTM) Meadowbank **End Location** AMQ **Observer Names:** JP ON

Temperature: -27 **Wind Speed (km/hr):** ____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** ____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
09:00	Musk-ox	2		HT	RE/ST	N/A	25	W	168	14W	0618425	7236695	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 2019/12/13 **Time Started** _____ **Time Ended** _____ **Page** 1 **of** 1

Start Location (UTM) _____ **End Location** _____ **Observer Names:** JP DN

Temperature: -22 **Wind Speed (km/hr):** 30 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** clear

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-12-15 **Time Started** 08:10 **Time Ended** 10:20 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** AMQ **Observer Names:** DN

Temperature: _____ **Wind Speed (km/hr):** _____ **Wind Direction:** ____ **Visibility (circle):** 100m 500m 1km (>1km) **Precipitation:** _____

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
													NAVR

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day): 2019-12-18 **Time Started** 9:28 **Time Ended** 11:10 **Page** 1 **of** 1

Start Location (UTM): [redacted] **End Location** 14W 608390 7255331 **Observer Names:** T.T & D.N

Temperature: -31 **Wind Speed (km/hr):** N/A **Wind Direction:** N/A **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** —

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:00	Caribou	5	N/A	WA	WS	SE	1 Km	E	43	14	0623602	7235955	—

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult) -
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

AGNICO EAGLE MINES – ROAD WILDLIFE MONITORING SURVEY FORM - 2019

Circle the Relevant Segment: Meadowbank AWAR Vault Haul Road Whale Tail Haul Road

Date (year/month/day) 19-12-23 **Time Started** 10:00 **Time Ended** 16:40 **Page** 1 **of** 1

Start Location (UTM) Vault **End Location** vault **Observer Names:** D.N.

Temperature: -28 **Wind Speed (km/hr):** 39 **Wind Direction:** NW **Visibility (circle):** 100m 500m 1km >1km **Precipitation:** Clear.

Time	Species Name	Number	Sex and Age[1]	Habitat Type (ELC)[2]	Behaviour[3]	Direction of Travel[4]	Distance from Road (m)	Direction from Road (E or W)	Location on Access Road (GPS Coordinates)				Comments
									KM	Zone	Easting	Northing	
10:07	Caribou	10	M/F	HT	RE/ST	S	550m	E	111	14W	0639101	7212580	
10:25	↓	3		HT	RE/ST	S	100m	E	117	14W	0637712	7222707	
15:24	↓	15	MF	HT	RE/ST/WS	N/A	25m	E	134	14W	0631389	7234120	

[1] **Sex** = M (Male) or F (Female); **Age** = C (Calf, Chick, Cub or Pup), Y (Yearling), and A (Adult)
[2] **Habitat** = WA (Water), SE (Sedge), BR (Birch & Riparian Shrub), HT (Heath Tundra), LI (Lichen), LR (Lichen-Rock), RC (Ridge Crest/Esker/Avens), RO (Rock & Boulder), and DI (Disturbed)
[3] **Behaviour** = RE (Resting), ST (Standing), AL (Alert), FO (Foraging), WS (Walking Slowly), WQ (Walking Quickly), TR (Trotting), RU (Running), MI (Milling), LI (Limping), CO (Courting), FL (Flying), DB (Dive-Bombing), SW (Swimming), NE (Nesting), DI (Digging)
[4] **Direction of Travel** = N (North), NE (Northeast), E (East), SE (Southeast), S (South), SW (Southwest), W (West), and NW (Northwest)

APPENDIX C

2019 Wildlife Mitigation Documentation

From:	Tom Thomson
To:	Alma Itkilik; Clarence Tiktaalaaq; Damien Boileau; Darcey Mercier; Dominique Courchesne; Donald Dodge; Jacques Fortier; Jason Gaves; Jeremy Cousin; Lianne Tees; Mathieu Aube; Natasha Nagyougalik; Paul Daudelin; Vincent Brault
Cc:	Meadowbank Environment
Subject:	Caribou Notification - AMQ road
Date:	April 5, 2019 4:08:44 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

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Good evening,

We have observed small groups of Caribou again this afternoon between KM116 and Km131. Please ensure the following is communicated to users accessing the Amaruq road this evening. We will be on the road again tomorrow to monitor the situation.

- Please notify road users every hour that caribous are present in this area
- 30 km/hr speed limit imposed on all vehicles in this area

Thank you for your cooperation on this matter. Please don't hesitate to call or email if you have any questions.
Regards,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Tom Thomson
To: Russel Toolooktook; Robert Arsenault; Jeffrey Pratt; Jeff Tulugak; Imanzo@kivalliqinuit.ca; Hugh Nateela; Karen Yip; Meadowbank Environment Supervisors; Luc Chouinard; Jacques Proulx; Michel Fortin
Cc: Meadowbank Environment
Subject: Caribou Migration - AWAR Closed April 6th, 2019
Date: April 6, 2019 6:32:41 PM
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg

Good evening,

As mentioned earlier, the AWAR will be closed this evening from EMR to Baker Lake due to Caribou presence. See below for the latest update regarding Caribou presence along the AWAR. We will have crews monitoring the AWAR and Whale Tail Haul road tomorrow morning to see if further actions are needed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Tom Thomson
To: Russel Tooloktook; Robert Arsenault; Jeff Tulugak; Imanzo@kivalliqinuit.ca; Jeff Hart; Hugh Nateela; Karen Yip; Luc Chouinard; Jacques Proulx; Michel Fortin
Cc: Meadowbank Environment Supervisors
Subject: Caribou Migration - AWAR Closed April 7th, 2019
Date: April 7, 2019 9:53:42 AM
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg

Good afternoon,

Find below an update on Caribou presence along Meadowbank's AWAR. An increase of Caribou was observed during this morning's morning monitoring along the AWAR. The AWAR will be closed to all non-essential vehicles this afternoon and throughout the evening. Monitoring will continue throughout the day on the Vault road and Whale Tail Haul road – no Caribou were observed during monitoring this morning.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

Please do not hesitate to call or email if you have any questions,

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Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Tom Thomson
To:	Russel Toolooktook; Robert Arsenault; lmanzo@kivalliqinuit.ca; Jeff Hart; Jeff Hart; Hugh Nateela; Luc Chouinard; Jacques Proulx; Markus Uchtenhagen; Karen Yip
Cc:	Meadowbank Environment; Kloee Chenel-Fournier; Marie-Pier Beaucage
Subject:	Caribou Migration - AWAR & WTP road closed.
Date:	April 12, 2019 4:05:11 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

---

Good afternoon,

The Meadowbank AWAR and WTP Haul road has been closed to all non-essential vehicles since April 10th and will continue to be closed this evening. Scattered groups of Caribou were observed at numerous locations along the AWAR and WTP road.

Monitoring will continue throughout the day tomorrow and be assured that Agnico will and will keep you informed of any change and/or development.

Please do not hesitate to call or email if you have any questions,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Tom Thomson
To:	Russel Toolooktook; Robert Arsenault; lmanzo@kivalliqinuit.ca; Jeff Hart; Jeff Tulugak; Jeff Hart; Hugh Nateela; Luc Chouinard; Jacques Proulx
Cc:	Meadowbank Environment; Meadowbank Environment Supervisors; Karen Yip; Kloee Chenel-Fournier; Marie-Pier Beaucage
Subject:	Caribou Migration - AWAR & WTP road closed - April 13, 2019
Date:	April 13, 2019 3:42:10 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

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Good afternoon,

The Meadowbank AWAR and WTP Haul road has been closed to all non-essential vehicles since April 10th and will continue to be closed this evening. Scattered groups of Caribou were observed at numerous locations along the AWAR and WTP road. Vault road was open all day.

Monitoring will continue throughout the day tomorrow and be assured that Agnico will keep you informed of any change and/or development.

Please do not hesitate to call or email if you have any questions,

Tom Thomson Environmental Coordinator
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Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Tom Thomson
To:	Russel Toolooktook; Robert Arsenault; lmanzo@kivalliqinuit.ca; Jeff Hart; Jeff Hart; Jeff Tulugak; Hugh Nateela; Luc Chouinard; Jacques Proulx
Cc:	Meadowbank Environment Supervisors; Kloee Chenel-Fournier; Marie-Pier Beaucage; Karen Yip
Subject:	Caribou Migration - AWAR & WTP road closed - April 14, 2019
Date:	April 14, 2019 6:14:22 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

---

Good afternoon,

The Meadowbank AWAR and WTP Haul road has been closed to all non-essential vehicles since April 10th and will continue to be closed this evening. Scattered groups of Caribou were observed at numerous locations along the AWAR and WTP road. Vault road was open all day.

Monitoring will continue throughout the day tomorrow and be assured that Agnico will keep you informed of any change and/or development.

Please do not hesitate to call or email if you have any questions,

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Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Tom Thomson
To:	Russel Toolooktook; Robert Arsenault; Jeff Hart; Jeff Tulugak; Jeff Hart; Imanzo@kivalliqinuit.ca; Hugh Nateela; Karen Yip; Luc Chouinard; Jacques Proulx
Cc:	Meadowbank Environment Supervisors; Kloee Chenel-Fournier; Marie-Pier Beaucage
Subject:	RE: Caribou Migration - AWAR & WTP road Closed April 17, 2019
Date:	April 17, 2019 7:37:15 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

---

Good evening,

Caribou monitoring has been ongoing and again numerous groups of Caribou have been observed along the Meadowbank AWAR and Whale Tail Haul road. Both roads have been closed to non-essential equipment since April 10th. Vault road was closed during the evening on April 16th for approximately 7hrs due to Caribou presence and was closed from 18:00until 20:00 this evening but has been remained open since.

Monitoring will continue throughout the day tomorrow on the AWAR, Vault road, and Whale Tail Haul road.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

Please don't hesitate to call or email,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Martin Archambault
To:	Russel Toolooktook; Robert Arsenault; Jeff Hart; Jeff Tulugak; lmanzo@kivalliqinuit.ca; Hugh Nateela; Karen Yip; Luc Chouinard; Jacques Proulx
Cc:	Meadowbank Environment Supervisors; Kloee Chenel-Fournier; Marie-Pier Beaucage
Subject:	Caribou Migration - AWAR & WTP road Closed April 20, 2019
Date:	April 20, 2019 4:39:29 AM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

---

Good morning,

We still have a numerous groups of Caribou observed along the Meadowbank AWAR and Whale Tail Haul road. Both roads have been keep close to non-essential equipment since April 10th. A convoy from Baker Lake to Amaruq, for tankers and a daily ride, was done on April 19th after discussion with KIA and HTO representative.
Monitoring will continue throughout the day on the AWAR, Vault road, and Whale Tail Haul road.

Be assured that Agnico Eagle will continue to monitor the situation and will keep you informed of any change and/or development.

If you need more information just let us know.

Regards,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Martin Archambault
To: Jeff Hart; Richard Aksawnee (Aksawnee@hotmail.com) (Aksawnee@hotmail.com)
Cc: Meadowbank Environment Supervisors
Subject: Tankers convoy
Date: April 20, 2019 4:01:00 AM
Attachments: image001.jpg
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg

Good day,

As we discussed and as per your authorization, we did a convoy from Baker Lake to Amaruq yesterday to bring a fuel to the Whale Tail project. We added the tankers to our daily ride escort, the trip went well . This tankers will be escorted today from Amaruq to Baker.
Thank for your collaboration and if you have any question do not hesitate to call or email us.

Regards,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Martin Archambault
To:	Russel Toolooktook; Robert Arsenault; Jeff Hart; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Luc Chouinard; Jacques Proulx; Meadowbank Environment Supervisors
Cc:	Meadowbank Environment; Marie-Pier Beaucage
Subject:	Caribou close to Amaruq
Date:	August 16, 2019 4:29:17 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg 2019-08-16.jpg

---

Good day

We want to inform you the presence of caribou close to Amaruq site.
At 9h45 we receive a notification for a presence of 50 caribou at the Km 178 on the East side of the road. Approximatively one hour later we received another notification for 200-400 caribou were at 200 meters from the road km 178. The wildlife monitors (HTO member and our environment helper) were there at that time. We asked to reduce the speed around this area (km 177 to Amaruq site). We did a monitoring during the morning and we decided to close the road as we saw the group increasing. The road was close for the traffic at 12h00. And we keep it close until tomorrow. We will monitor tomorrow morning and evaluate if we keep the road close or not.

A rough estimate of the herd is 1000-2000 caribou.

If you have any question just let us know.

Regards,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Jeff Hart; Carmen Ikuutaq; Karen Yip; Jason Allaire; Luc Chouinard; Jacques Proulx
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Subject: Meadowbank Complex - Amaruq Hauling road closed - August 21st
Date: August 21, 2019 6:57:59 PM
Attachments: image002.png
image007.jpg
image008.jpg
image009.jpg
image010.jpg
image011.jpg
image012.jpg

Good evening,

With caribou presence increasing along the Amaruq Hauling road (km 160-170), we've decided to close the road until further notice. Around 2000 caribou were monitored around the areas.

We will have crews monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor
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Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Jeff Hart; Carmen Ikuutaq; Karen Yip; Jason Allaire; Luc Chouinard; Jacques Proulx
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Subject: Meadowbank Complex - Amaruq Hauling road closed - August 22nd
Date: August 22, 2019 6:14:51 PM
Attachments: image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg
image008.jpg
image002.png

Good evening,

With caribou presence still being observed along the Amaruq Hauling road (km 159 and 170), the road remained closed during the day.

The environmental department, with assistance from HTO, monitored the situation and escorted traffic when conditions permitted it.

The road remained closed to hauling traffic.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor
robin.allard@agnicoeagle.com Direct 819.759.3555 x4606838 Mobile 819.860.1414
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Robin Allard
To:	Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Jeff Hart; Carmen Ikuutaq; Karen Yip; Jason Allaire; Luc Chouinard; Jacques Proulx
Cc:	Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Subject:	Meadowbank Complex - Amaruq Hauling road closed - August 24th
Date:	August 24, 2019 9:09:23 PM
Attachments:	image010.jpg image011.jpg image012.jpg image013.jpg image014.jpg image015.jpg image001.png

---

Good evening,

With caribou presence still being observed along the Amaruq Hauling road (km 158 and 170), the road remained closed during the day.

The environmental department, with assistance from HTO, monitored the situation.

The road remained closed to hauling traffic.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Jeff Hart; Carmen Ikuutaq; Karen Yip; Jason Allaire; Luc Chouinard; Jacques Proulx
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Subject: Meadowbank Complex - Amaruq Hauling road closed - August 25th
Date: August 25, 2019 5:10:38 PM
Attachments: image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg
image008.jpg
image001.png

Good evening,

Caribou presence was staggered along the Amaruq Hauling road (km 170 to 140), the road remained closed during the day.

A bigger group (more than 100) was around km 143.

The environmental department, with assistance from HTO, monitored the situation.

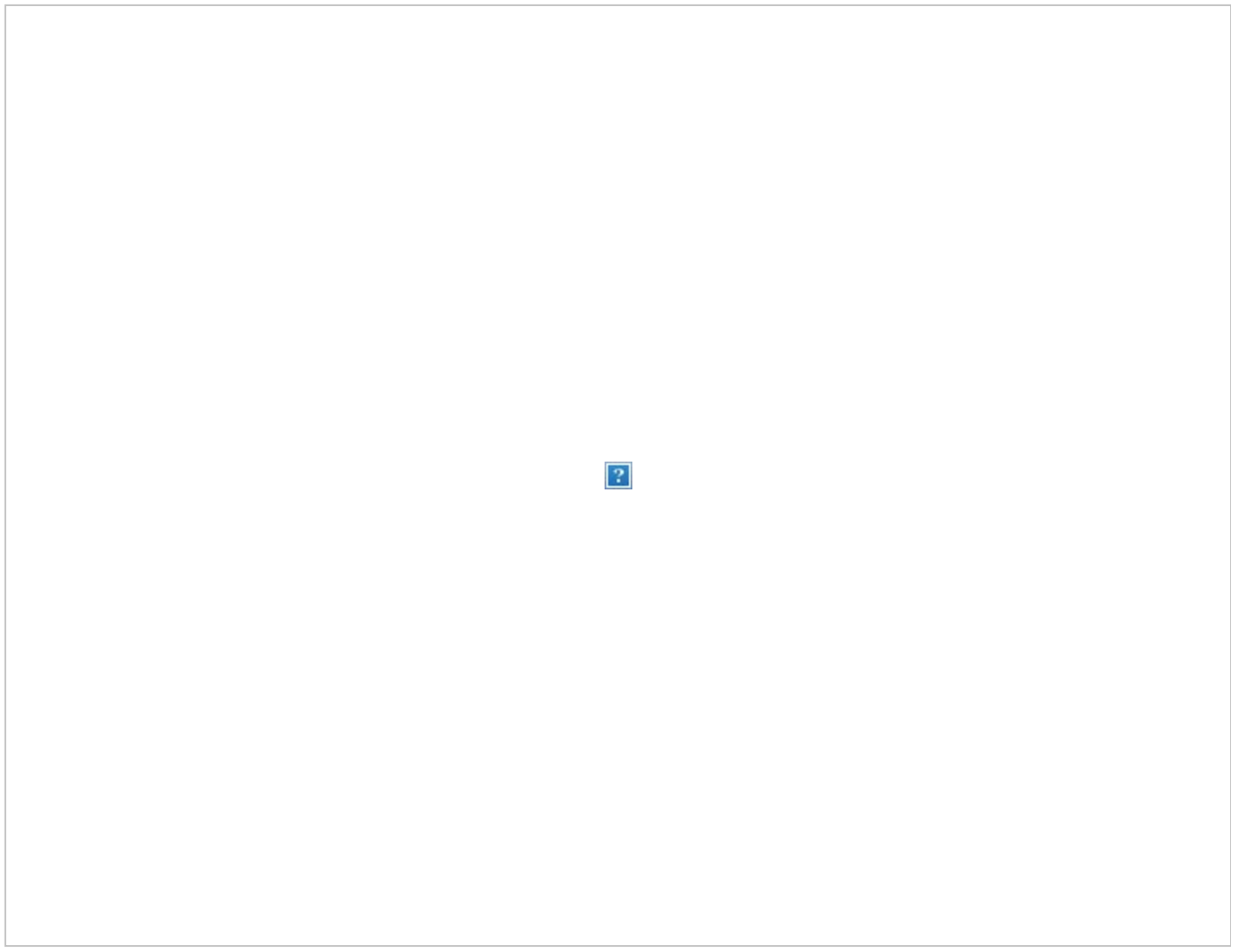
The road remained closed to hauling traffic.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,



From:	Robin Allard
To:	Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Jeff Hart; Carmen Ikuutaq; Karen Yip; Jason Allaire; Luc Chouinard; Jacques Proulx
Cc:	Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Subject:	Meadowbank Complex - Amaruq Hauling road open - August 29th
Date:	August 29, 2019 7:20:20 PM
Attachments:	image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg image007.jpg

---

Good evening,

Caribou presence was limited to a few scattered groups along the Amaruq Hauling road (north of km 170), therefore the road status was changed to : restricted to light vehicles, around lunch time. Continuous monitoring showed presence had decreased during the day.

Therefore, the road was opened fully at 18h00 tonight.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor
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Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
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From:	Tom Thomson
To:	Russel Toolooktook; Robert Arsenault; Jeff Hart; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Jason Allaire; Luc Chouinard; Jacques Proulx; Marie-Pier Beaucage
Cc:	Meadowbank Environment Supervisors
Subject:	Meadowbank Complex - Caribou Migration update
Date:	September 3, 2019 6:55:36 AM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg

---

Good morning,

The Amaruq hauling road has remained open since 18h00 on August 29, 2019. Environment has been monitoring daily and Caribou presence has not been observed since the afternoon of the 29th.

We will continue to have crews monitoring the road daily this week, with assistance from BL HTO, to see if further actions are needed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

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tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Jason Allaire; Jacques Proulx; Martin Plante
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Subject: Meadowbank Complex - Amaruq Hauling road closed - October 1st
Date: October 1, 2019 8:52:47 PM
Attachments: image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg
image008.jpg
image001.png

Good evening,

During our regular monitoring, caribou presence (>300) was observed along km 110 to 120 on the Amaruq Hauling road, therefore the road was closed at 18:00 until further notice.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor Environment
robin.allard@agnicoeagle.com Direct 819.759.3555 x4606838 Mobile 819.860.1414
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Jacques Proulx; Martin Plante
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors; Dominique Girard; Jason Allaire
Subject: Meadowbank Complex - Amaruq Hauling road closed - October 7th
Date: October 7, 2019 5:25:28 PM
Attachments: image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg
image008.png

Good evening,

During our regular monitoring, caribou presence (>2000) was observed along km 135 to 145 on the Amaruq Hauling road, therefore the road has remained closed. It has been closed since October 1st.

Traffic was limited to crew change, escorted by the Environmental Department and no hauling equipment is presently in operation on the hauling road.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor Environment
robin.allard@agnicoeagle.com Direct 819.759.3555 x4606838 Mobile 819.860.1414
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
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From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Jacques Proulx; Martin Plante
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors; Dominique Girard; Jason Allaire; Casey Paradis St-Onge; Karen Yip
Subject: Meadowbank Complex - Amaruq Hauling road closed - October 8th
Date: October 8, 2019 6:50:10 PM
Attachments: image001.jpg
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image009.png

Good evening,

During our regular monitoring, caribou presence (>1000) was observed along km 125 to 150 on the Amaruq Hauling road, therefore the road has remained closed.

Traffic was limited to crew change and emulsion, escorted by the Environmental Department and no hauling equipment is presently in operation on the hauling road.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor Environment
robin.allard@agnicoeagle.com Direct 819.759.3555 x4606838 Mobile 819.860.1414
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Robin Allard
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Jacques Proulx; Martin Plante
Cc: Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors; Dominique Girard; Jason Allaire; Casey Paradis St-Onge; Karen Yip
Subject: Meadowbank Complex - Amaruq Hauling road closed - October 9th
Date: October 9, 2019 5:38:50 PM
Attachments: image011.jpg
image012.jpg
image013.jpg
image014.jpg
image015.jpg
image016.jpg
image001.png

Good evening,

During our regular monitoring, caribou presence (>1000) was observed along km 135 to 170 in groups of 100 to 200 on the Amaruq Hauling road, therefore the road has remained closed.

Traffic was limited to crew change and emulsion, escorted by the Environmental Department and no hauling equipment is presently in operation on the hauling road.

We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.

Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Robin Allard General Supervisor Environment
robin.allard@agnicoeagle.com Direct 819.759.3555 x4606838 Mobile 819.860.1414
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From:	Martin Archambault
To:	Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Martin Plante; Jacques Proulx
Cc:	Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors; Dominique Girard; Jason Allaire; Casey Paradis St-Onge; Karen Yip
Subject:	Meadowbank Complex - Amaruq Hauling road closed - October 10th
Date:	October 10, 2019 2:47:45 PM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg Caribou survey 2019-10-10.pdf

---

Good day,
Our monitoring today showed a presence of ~ 100-200 caribou at Km 155 on the Amaruq Hauling road, therefore the road has remained closed.
Traffic was limited to crew change and emulsion, escorted by the Environmental Department and no hauling equipment is presently in operation on the hauling road.
We will have crews again monitoring the road tomorrow, with assistance from BL HTO, to see if further actions are needed.

In the meantime, the road will stay closed.
Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

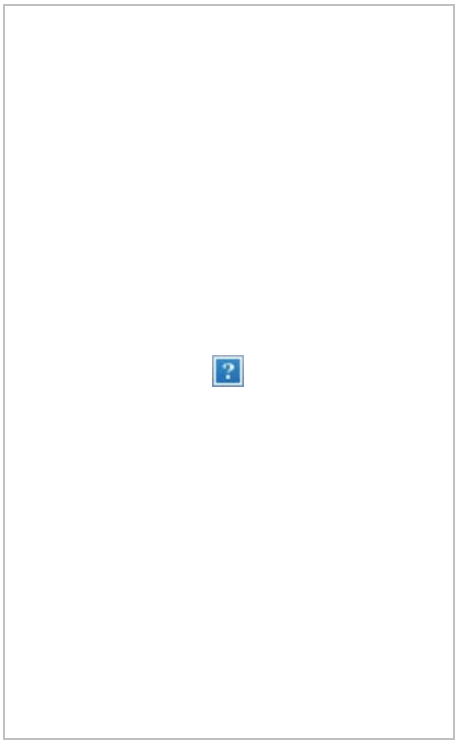
From: Martin Archambault
To: Richard Aksawnee (Aksawnee@hotmail.com) (Aksawnee@hotmail.com)
Cc: Meadowbank Environment Supervisors
Subject: Fuel convoy
Date: October 14, 2019 11:37:56 AM
Attachments: image001.jpg
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg
Fuel level 2019-10-14.JPG

Good day Richard,

We need to do a Fuel convoy tomorrow and also Wednesday. Since the Amaruq road is closed since the beginning of October, we had only one convoy of fuel at the mine site since then and we will running out of fuel in the next few day. As you can see below, we still in the red zone for the fuel at Amaruq.

This convoy will be escort with the Environment team and BL HTO.

Thanks



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From:	Martin Archambault
To:	Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Martin Plante; Jacques Proulx
Cc:	Meadowbank Environment; Marie-Pier Beaucage; Meadowbank Environment Supervisors; Dominique Girard; Jason Allaire; Casey Paradis St-Onge; Karen Yip
Subject:	Meadowbank Complex - Amaruq Hauling road closed - October 14th
Date:	October 14, 2019 9:36:15 AM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg image009.jpg

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Good day,

Please find attached a monitoring done earlier this morning. As you can see it showed presence of caribou at km 128 (150 caribou), Km 154 (120 caribou) and Km 158 (200 caribou). These herd was at least 600 m from the road, therefore the road has remained closed. Traffic was limited to crew change and emulsion, escorted by the Environmental Department and no hauling equipment is presently in operation on the hauling road.
We still continue to monitor the road today and tomorrow, with assistance from BL HTO, to see if further actions are needed.

Do not hesitate to contact me if you have any question.
Regards

,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Tom Thomson
To: "ttoolooktook@gov.nu.ca" (ttoolooktook@gov.nu.ca); Robert Arsenault; "Jeff Tulugak" (jtulugak@kivalliqinuit.ca); "Carmen Ikuutaq"; Karen Yip; Jason Allaire; Jacques Proulx; Martin Plante; Marie-Pier Beaucage; Meadowbank Environment Supervisors
Cc: Meadowbank Environment
Subject: Meadowbank Complex - AWAR road closed - October 26, 2019
Date: October 26, 2019 4:03:00 PM
Attachments: imaage003.png
imaage001.jpg
imaage013.jpg
imaage004.jpg
imaage005.jpg
imaage006.jpg
imaage007.jpg

Good evening,

During our regular monitoring, caribou presence (>700) was observed between the Baker Lake gatehouse and KM 2 along the AWAR, therefore the road was closed at 18:00 until further notice.

We will have crews again monitoring the road tomorrow to see if further actions are needed.
Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

If you have any questions, please do not hesitate,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Tom Thomson
To: Russel Toolookhook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Jason Allaire; Marie-Pier Beaucage; Jacques Proulx; Martin Plante; Meadowbank Environment Supervisors
Cc: Meadowbank Environment
Subject: Meadowbank Complex - AWAR road closed - October 27, 2019
Date: October 27, 2019 4:57:16 PM
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg

Good evening,

The AWAR remained closed on October 27, 2019 due to a large presence of Caribou between km 7 and km 20. Approximately 4000 Caribou were observed.

We will have crews again monitoring the road tomorrow to see if further actions are needed. Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Tom Thomson
To: Russel Toolookook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Jason Allaire; Marie-Pier Beaucage; Jacques Proulx; Martin Plante; Manon Turmel; Jamie Quesnel; Casey Paradis St-Onge; dbaikie@gov.nu.ca; Meadowbank Environment Supervisors
Cc: Meadowbank Environment
Subject: Meadowbank Complex - AWAR road closed - October 30, 2019
Date: October 30, 2019 3:20:40 PM
Attachments: image001.jpg
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image010.jpg
imageu11.jpg

Good evening,

The AWAR remained closed on October 30th due to Caribou presence between km 8 and km 37 along the AWAR. Approximately 1000 Caribou were observed near km 8, while smaller groups of 100+ were scattered along the road up to km 53.

We will have crews monitoring the road again tomorrow with the assistance from BL HTO, to see if further actions are needed. Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

Please don't hesitate to call or email if you have any questions,
Regards,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Martin Archambault
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Karen Yip; Marie-Pier Beaucage; Jacques Proulx; Martin Plante; Manon Turmel; Jamie Quesnel; dbaikie@gov.nu.ca; Casey Paradis St-Onge; Meadowbank Environment Supervisors
Cc: Meadowbank Environment
Subject: Meadowbank Complex-AWAR road closed -November 02, 2019
Date: November 2, 2019 6:34:51 AM
Attachments: image001.jpg
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg

Good morning,

The AWAR remained closed on November 02nd due to Caribou presence between km 27 to km 68 on the AWAR. The larger groups are gone now but still group (over 100 to 200)were observed . We continue to monitoring the road and see if further actions needed. We will keep you informed of any change.

Regards,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Martin Archambault
To: Russell Tookoolikjuk; Robert Arseneault; Jeff Tukqiak; Carmen Boutiac; Karen Yip; Marie-Pier Beaucage; Martin Plante; Jacques Proulx; Marcus Tunnel; Jamie Quesnel; Casey Paradis St-Onge; Meadowbank Environment Supervisors
Cc: Meadowbank Environment
Subject: Meadowbank Complex- AWAR road closed -November 04, 2019
Date: November 4, 2019 9:15:46 AM
Attachments: image001.jpg
image004.jpg
image006.jpg
image008.jpg
image010.jpg
image012.jpg
image014.jpg

Good day,

The AWAR remained close for now. We will re assess later today if we re opened it, as we saw only one large group (+300). We continue to monitored the road and see if further action is needed.
We will keep you informed of any change.

Regards,

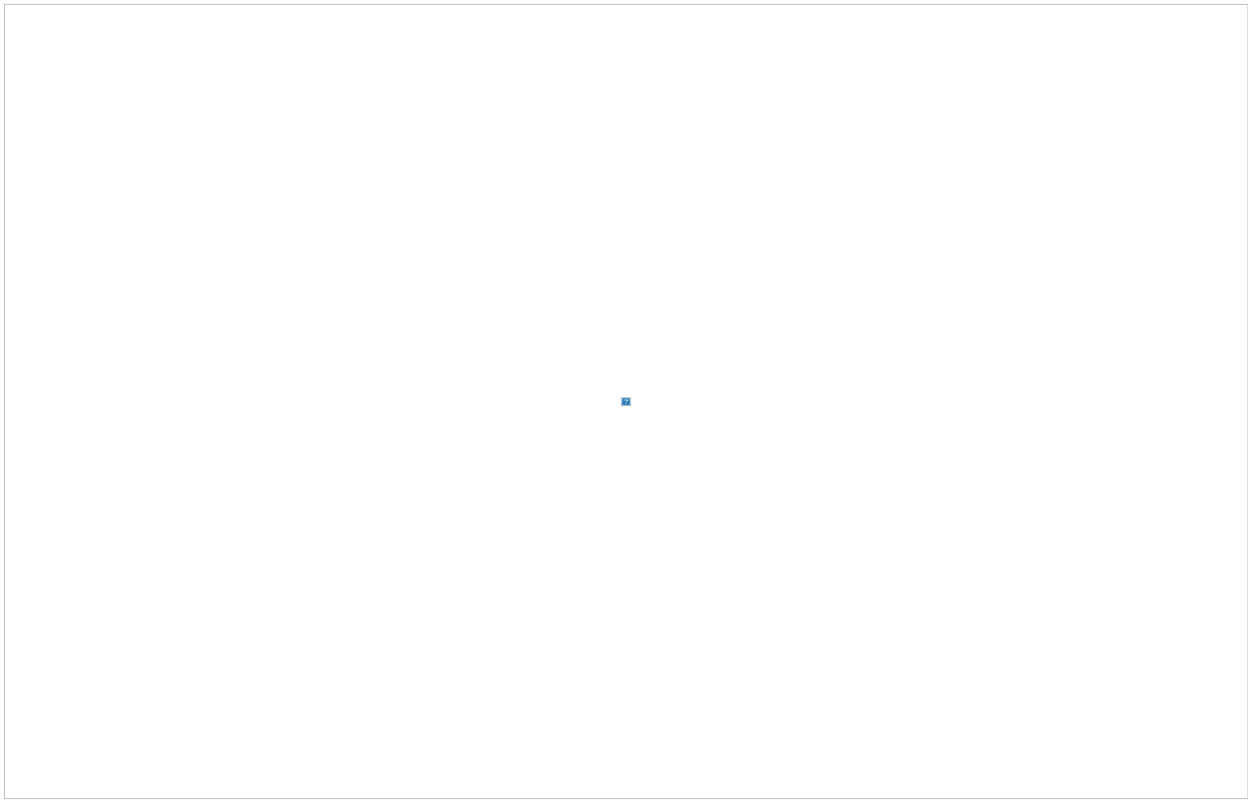
Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Martin Archambault
To: Russel Tookoolook; Robert Arsenault; Jeff Tukqiak; Carmen Boutiac; Karen Yip; Marie-Pier Beaucage; Martin Plante; Jacques Proulx; Marcus Tunnel; Jamie Quesnel; Casey Paradis St-Onge; Meadowbank Environment Supervisors
Cc: Meadowbank Environment
Subject: Meadowbank Complex AWAR Road Open November 05, 2019
Date: November 5, 2019 10:01:05 AM
Attachments: image014.jpg
image020.jpg
image002.jpg
image028.jpg
image022.jpg
image029.jpg
image001.jpg

Good day,

Please find the latest survey done this morning and as you can see, only 11 caribou were observed. We took a decision to re-open the road this morning. Be sure that Agnico-Eagle will continue to inform you if any development.
If you have any question do not hesitate to contact the Environment team.

Regards,



Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

From: Tom Thomson
To: Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Carmen Ikuutaq; Jason Allaire; Marie-Pier Beaucage; Jacques Proulx; Martin Plante; Manon Turmel; Jamie Quesnel; Casey Paradis St-Onge; dbaikie@gov.nu.ca
Cc: Meadowbank Environment Supervisors; Meadowbank Environment
Subject: Meadowbank Complex - AWAR road closed - November 19, 2019
Date: November 19, 2019 4:11:15 PM
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg
image007.jpg

Good evening,

The AWAR was closed at 19:00 on November 18th due to Caribou presence along the AWAR. Scattered groups were observed between km 63 and Km 74. The Environment team continued our monitoring throughout the day today. Scattered groups of Caribou were observed crossing the road and moving West near km 53. Only 1 group of approximately 300 Caribou were observed during the afternoon survey. The road will remain closed until further notice.

We will have crews monitoring the road again tomorrow with the assistance from BL HTO, to see if further actions are needed. Be assured that Agnico will continue to monitor the situation and will keep you informed of any change and/or development.

Please don't hesitate to call or email if you have any questions,
Regards,

Tom Thomson Environmental Coordinator
tom.thomson@agnicoeagle.com Direct 819.759.3555 x4606744
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

APPENDIX D

2019 Wildlife Mortality Reports

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Avatiligiyiit

Department of Environment

Ministère de l'Environnement

Wildlife Destruction Authorization Form

In accordance with section 25 of the *Wildlife Act*, I, ***Robert ARSENAULT***, a Conservation Officer in Nunavut, authorize ***Jamie KATALAK*** of Agnico Eagle Mine's Meadowbank Operation, Environment Section, in the Region of Baker Lake, NU, to destroy the following wildlife:

Species: **Wolverine**

Location: **Agnico Eagle Mine's Amaruq Operation in the Region of Baker Lake, NU**

Reason wildlife is to be destroyed: **Animal returns repeatedly threatening the safety of people in the area and damaging property; Deterrence of animal has failed**

Equipment to be used to destroy the wildlife: **Rifle**

R. Arsenault

Officer Signature

CONSERVATION OFFICER

Position

FEB. 21 / 2019

Date

From:	Martin Archambault
To:	Russel Toolooktook; Robert Arsenault; Jeff Tulugak; Jeff Hart; bakerlake@kivallighto.ca
Cc:	Meadowbank Environment
Subject:	Wildlife Mortality Report
Date:	February 25, 2019 7:52:42 AM
Attachments:	image001.jpg image002.jpg image003.jpg image004.jpg image005.jpg image006.jpg Wildlife Mortality Report (Wolverine).docx

---

Good morning,

Please find attached a report pertaining to a wolverine that was euthanized at the Whale Tail Project after receiving your authorization for Wildlife Destruction. It's occurred at the Whale Tail Project on February 22nd, 2019. As per your indication the head, skin and baculum will be sent at your office soon.

Please don't hesitate to call or email if you have any questions.

Regards,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

Wildlife Incident Report Form

Date:	2019-02-22	**Time:**	11:05
Individuals involved:	Jamie Kataluk – Env	Joe Angotinguar	Samuel Tapp
Species:	Wolverine		
Number, gender, age:	Male		
Location (description):	North of Amaruq camp		
Location (UTM):	14 W 0608757 7257928		
Digital photo numbers:			

Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?

Wolverine was smelling odor from the grease trap at Amaruq site; it would access the camp site going under the sleeping quarters and the water treatment plant and leave the site the same way it came in. Wolverine created holes on the walls of the grease trap as it is constructed out of plywood but was not successful getting into the grease trap. Employees were getting worried of their safety working outdoors as the wolverine had become habituated to the kitchen area

Describe any use of wildlife deterrents: Describe any wildlife mortality:

2019-02-18 7am – used bear banger to deter, did not run away far so rubber slug shot was used and hit the wolverine and then a whistler – noise maker
2019-02-18 8:30PM – bear banger used – deterred from area

Describe any communication with GN-DOE:

Emails exchanged between Meadowbank Environment Coordinators, technicians and Conservation officers of Baker Lake. Also through telephone

What immediate measures were taken to reduce risk or harm?

Respond to sightings immediately
Keep employees away from sightings
Hold tool box meetings with different departments
Close off exits at sighting areas

What measures are recommended to prevent future occurrences?

Place metal sheeting onto the walls of the grease trap and kitchen area – ensure sheeting covers right down to the ground, be more vigilant in deterring when such wildlife are reported around Amaruq site

Report prepared by:	Jamie Kataluk	**Reviewed by:**	Martin Archambault

Photo 1: exterior of Kitchen storage

Photo 2: interior of Kitchen storage

Photo 3: repair on kitchen storage wall

Photo 4: hole created on door

Photo 5: door repaired using plywood

Photo 6: reinforced door and wall with metal sheeting

AGNICO EAGLE

August 27th, 2019

Sally Wong
Fisheries Protection Biologist
Fisheries and Oceans Canada
Suite 301, 5204 50th Avenue
Yellowknife, NWT
X1A 1E2

Re: Agnico Eagle Whale Tail Project – Stickleback Mortalities

Dear Sally Wong,

Agnico Eagle would like to notify you on small bodied fish being impacted by a pumping infrastructure located at the Whale Tail Pit operations. As such, find below information in relation to this event.

The Whale Tail Pit Water Management Plan indicates that non-contact water from the North-East Pond (Figure 1) watershed will overflow by gravity toward Nemo Lake once the North-East (NE) Dike is operational. The NE Dike was constructed in Q1 2019 and became operational during freshet of 2019. During a routine inspection in July 2019, it was observed that the topography toward Nemo Lake would not allow water to overflow naturally before overtopping the dike liner. Starting on July 5th, water has been pumped from NE Pond toward the project site or tundra. Two pumps were thus installed. A main pumping infrastructures on the North-East Dike with the intake located as located with the intake near the dike and a second pump on the north side of the area (Figure 2 below), discharging within the same areas. The main pump has been stopped since August 21st but Agnico had kept the second pump in operation.

On August 27, it was bought to Agnico's attention that some Stickleback were being impinged and killed on the intake screen of the second pump. It was not possible at this moment to estimate the number of Stickleback impinged or killed. This second pump has now been stopped. Before any pumping resumes within this area, mitigation measures will be put in place to prevent this from reoccurring. These measures will consist of daily inspection of the intake pump and downstream lake and to modify the pumping intake location in a manner that hat will restrict this area to small bodied fish.

10 200, Route de Preissac, Rouyn-Noranda, Québec, Canada J0Y 1C0
Tél : 819.759.3700 Sans frais : 1.888.822.6714 agnicoeagle.com

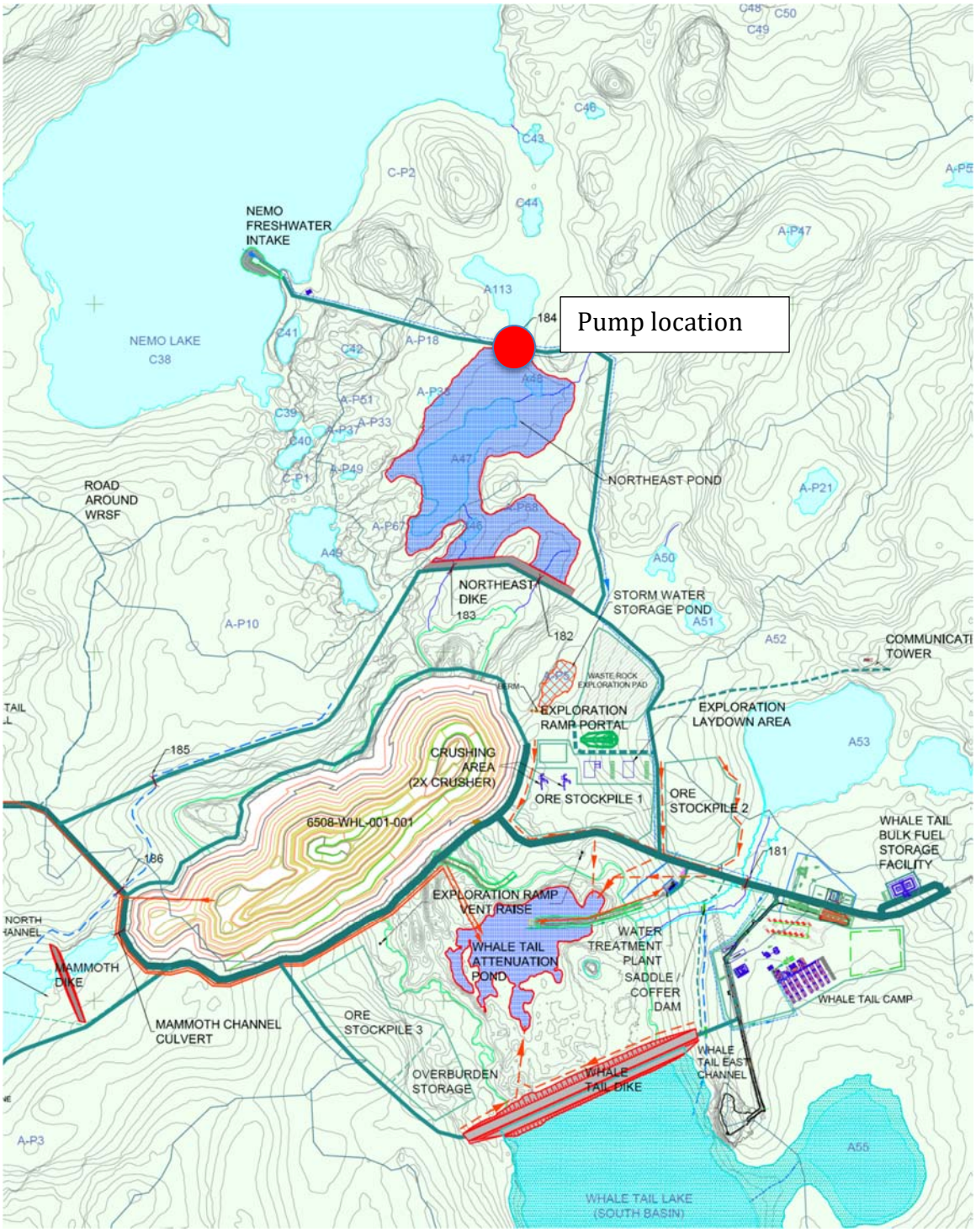

Figure 1: Whale Tail Site General View

10 200, Route de Preissac, Rouyn-Noranda, Québec, Canada J0Y 1C0
Tél : 819.759.3700 Sans frais : 1.888.822.6714 agnicoeagle.com

Figure 2: Pump Location (on road) at the north side of NE Pond

10 200, Route de Preissac, Rouyn-Noranda, Québec, Canada J0Y 1C0
Tél : 819.759.3700 Sans frais : 1.888.822.6714 agnicoeagle.com

Should you have any questions, recommendation or require further information, Agnico remains available at your convenience.

Regards,

Agnico Eagle Mines Limited – Meadowbank Division

Robin Allard
robin.allard@agnicoeagle.com
819-759-3555 x 4606838
Environment General Supervisor

10 200, Route de Preissac, Rouyn-Noranda, Québec, Canada J0Y 1C0
Tél : 819.759.3700 Sans frais : 1.888.822.6714 agnicoeagle.com

From: Martin Archambault
To: Russel Toolooktook; Robert Arsenault
Cc: Meadowbank Environment
Subject: Fox mortality
Date: November 9, 2019 7:17:54 AM
Attachments: image001.jpg
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.jpg

Good day Russel

As I mentioned on the phone call last on November 4th, 2019, the dispatch advised us that one driver saw a dead fox on the Amaruq road around km 135. Our technician went on the road and he never saw dead fox or blood on the road . We presume that a scavenger took it off.

As we didn't see the carcass, it's hard for us to determine what it has happened, We think that it could been cause by a truck or other vehicle.

Let us know if you need more information on this.

Regards,

Martin Archambault Senior Environment Coordinator
martin.archambault@agnicoeagle.com Direct 819.759.3555 x4606744 Mobile 819.856.9510
Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0
agnicoeagle.com

Wildlife Incident Report Form

Date:	2019-11-15	**Time:**	1:05
Individuals involved:	Derek Nateela – AEM Environment		
	Tom Thomson – AEM Environment		
Species:	Caribou		
Number, gender, age:	-		
Location (description):	Km 94 AWAR		
Location (UTM):			
Digital photo numbers:			

Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?

During a wildlife survey on the afternoon of November 15, 2019 – a wolf was observed lying on the ground close to a Caribou carcass approximately 50m from the road at km 94 along the AWAR. The carcass was on the East side of the road.

During the weekend of November 16, 2019 – Environment continued to monitor the road and a wolf or wolves were observed near the carcass, so Environment did not intervene.

Describe any use of wildlife deterrents: Describe any wildlife mortality:

No deterrents were used.

Describe any communication with GN-DOE:

Emails sent to Conservation officers in Baker Lake on November 18th, 2019 describing the incident.

What immediate measures were taken to reduce risk or harm?

Because the caribou carcass was away from the road – it was left on the tundra. Also due to the presence of wolves near the carcass, the Environment technicians did not intervene.

What measures are recommended to prevent future occurrences?

Report prepared by:	Tom Thomson	**Reviewed by:**	Tom Thomson

Photo 1: Carcass observed on Nov 15, 2019 approximately 50m from the road at km 94 along the AWAR. Carcass was on the East side of the road.

Wildlife Incident Report Form

Date:	2019-12-21	**Time:**	9:45
Individuals involved:	Isabelle Couture – AEM Environment		
Species:	Arctic Fox		
Number, gender, age:	Unknown		
Location (description):	Meadowbank site. Middle of the road, close to the HAZMAT area.		
Location (UTM):	14W 0638163 7213454		
Digital photo numbers:	Photo 1	Photo 2	

Describe the incident or accident that occurred. Was there a threat to wildlife or human safety? What was the situation that caused it?

On December 21st, environment department received a radio call informing them that a fox carcass was observed.

Upon arrival, the carcass was found in the middle of the road. Photos (see below) were taken and the carcass was picked-up and brought to the incinerator to eliminate scavenger presence.

Roadkill incident.

Describe any use of wildlife deterrents: Describe any wildlife mortality:

No deterrents were used.

Describe any communication with GN-DOE:

Email sent to Conservation officers in Baker Lake on December 26, 2019 describing the incident.

What immediate measures were taken to reduce risk or harm?

Environment technician picked-up the carcass and brought it to the incinerator to eliminate scavenger presence on site and other wildlife presence in the middle of the road.

What measures are recommended to prevent future occurrences?

Remind all road users to report any incident with wildlife, reduce speed and give the right of way to wildlife.

Report prepared by:	Isabelle Couture	Reviewed by:	Tom Thomson

Photo 1: Fox carcass has been reported to the environment department. Carcass was found in the middle of the road. Carcass was picked-up and brought to the incinerator to eliminate scavenger presence.

Photo 2: Fox carcass close-up.

APPENDIX E

2019 Wildlife Observation Records

AGNICO EAGLE
MEADOWBANK

WILDLIFE SUMMARY REPORT

JANUARY 2019									
Date	**Time**	**Location**	**Sub-Location**	**Wildlife Species**	**Quantity**	**Behavior**	**Observer Name #1**	**Observer Name #2**	**Action**
2019-01-02	9:30:00 AM	Amaruq	Maintenance	Wolverine	1	Running	Orest H.		Monitored the area
2019-01-03	8:00:00 AM	Amaruq	Camp	Wolverine	1	Running	Nelson Bell	Stephane Larose	Monitored the area
2019-01-04	2:00:00 PM	Meadowbank	AWAR KM 73	Arctic hare	1	Immobile	Victor U.	Isabelle C.	No action required
2019-01-05	7:30:00 AM	Amaruq	Snow cat garage	Fox	3	Running	Mathieu Turgeon		Monitored the area but no sight
2019-01-05	1:00:00 AM	Amaruq	Whale Tail Haul Road KM42	Musk-ox	25	Grazing	Isabelle C		Monitored the area
2019-01-08	11:30:00 AM	Amaruq	behind incinerator	Wolverine	1	Running	Fanny Laporte	Mathieu Aubin	Deterred. Successful
2019-01-09	12:30:00 PM	Amaruq Road - Meadowbank		Musk-ox	2	Eating	Kathleen N.	Martin Kreelak	Monitored the area
2019-01-09	12:00:00 PM	Amaruq Road - Meadowbank		Musk-ox	4	Eating	Kathleen N.	Martin Kreelak	Monitored the area
2019-01-09	8:00:00 AM	Amaruq	behind incinerator	Wolverine	1	Running	E&I operator		Deterred. Successful
2019-01-09	11:00:00 AM	Amaruq	Whale Tail Haul Road KM143 (150m)	Musk-ox	2	Grazing	Roch Chabot		Monitored the area
2019-01-10	12:00:00 PM	Amaruq Road - Meadowbank		Musk-ox	30	Resting	Kathleen N.		Monitored the area
2019-01-10	3:00:00 AM	Meadowbank		Wolf	2	Walking	Billy Harris		No action required
2019-01-10	2:30:00 AM	Meadowbank		Wolf	1	Walking	Darren Cluett		No action required
2019-01-11	7:00:00 PM	Meadowbank		Arctic hare	3	Running	Kathleen N.	Nicolas Saucier	No action required
2019-01-11	4:00:00 PM	Meadowbank		Raven	1	Resting	Victor U.	Nicolas Saucier	No action required
2019-01-11	12:30:00 PM	Meadowbank		Musk-ox	10	Resting	Victor U.		No action required
2019-01-11	4:00:00 PM	Meadowbank		Wolverine	3	Walking	Truck driver		No action required
2019-01-11	10:00:00 AM	Meadowbank		Wolf	1	Walking	Grader operator		No action required
2019-01-11	5:00:00 PM	Amaruq	Incinerator	Fox	3	Eating	E&I employee	Louis Dubois	Deterred. Unsuccessful
2019-01-13	6:30:00 PM	Site Services Meadowbank	Nova camp	Fox	1	Sick or wounded	Nicolas S	Kathleen	Deterred. Successful
2019-01-16	9:00:00 AM	Amaruq	Grease trap	Wolverine	1	Walking	E&I employee		Monitored the area
2019-01-19	12:30:00 PM	Amaruq	Near constrcution office	Wolverine	1	Running	E&I operator		Monitored the area
2019-01-20	2:00:00 PM	Amaruq	Wing 17	Wolverine	1	Walking	Nelson T.		Monitored the area but no sight
2019-01-20	9:30:00 AM	Meadowbank	AWAR KM80	Wolf	2	Walking	security		
2019-01-21	12:30:00 PM	Amaruq	Amaruq camp	Wolverine	1	Walking	Louis Dubois	Kevin Martee	Deterred. Successful
2019-01-21	9:00:00 AM	Amaruq	Pad H	Wolverine	1	Walking	Construction worker		Monitored the area but no sight
2019-01-22	7:30:00 AM	Amaruq	Pad H	Wolverine	1	Walking	Contruction worker		Monitored the area but no sight
2019-01-24	2:00:00 PM	Amaruq	Whale Tail Haul Road KM147	Wolverine	1	Running	Martin K.	Isabelle C.	No action required
2019-01-24	1:30:00 PM	Amaruq	Whale Tail Haul Road KM161	Arctic hare	1	Running	Martin K.	Isabelle C.	No action required
2019-01-24	10:30:00 AM	Amaruq	Whale Tail Haul Road KM131	Wolverine	1	Running	Martin K.	Isabelle C.	No action required
2019-01-24	5:30:00 PM	Meadowbank	AWAR KM 90	Wolverine	1	Running	Byron Gilliss		No action required
2019-01-26	4:00:00 PM	Amaruq	Main camp	Wolverine	1	Walking	Chris L.		Monitored the area but no sight
2019-01-27	10:00:00 AM	Amaruq	Amaruq camp	Wolverine	1	Walking	Mario L.		Monitored the area but no sight
2019-01-28	4:30:00 PM	Amaruq	Whale tail north	Wolverine	1	Walking	Orbit Garant driller		No action required
2019-01-29	6:00:00 PM	Amaruq	Whale Tail Haul Road KM144	Caribou	6	Eating	Martin K.	Isabelle C.	No action required
2019-01-30	7:00:00 AM	Amaruq	Wing 8	Wolverine	1	Running	Orbit driller		Monitored the area but no sight
2019-01-30	8:00:00 AM	Meadowbank		Arctic hare	1	Running	Isabelle C.		No action required
2019-01-31	8:30:00 AM	Meadowbank	AWAR KM88	Musk-ox	13		Paul Niego		No action required
2019-01-31	3:00:00 PM	Amaruq	main camp	Wolverine	1	Running	Construction employee		Monitored the area but no sight
2019-01-31	11:30:00 AM	Amaruq	Behind incinerator	Wolverine	1	Running	Incinerator Operator		Monitored the area but no sight
FEBRUARY 2019									
2019-02-01	4:00:00 PM	Meadowbank	AWAR	Raven	15	Resting	Victor U.	Nicolas Saucier	No action required
2019-02-02	11:00:00 AM	Meadowbank	AWAR KM10	Wolverine	1		Miles Utatnaaq		
2019-02-03	11:00:00 AM	Amaruq	Whale Tail Haul Road KM175	Ptarmigan	5	Flying	Isabelle C.		No action required
2019-02-03	10:00:00 AM	Amaruq	Lake A53	Wolverine	1	Running	Mickel from E&I	Fanny Laporte	Deterred. Successful
2019-02-03	10:00:00 AM	Meadowbank	AWAR KM89	Musk-ox	1		Benjamin Kusugak		No action required
2019-02-03	10:30:00 AM	Amaruq	Whale Tail Haul Road KM143	Caribou	4	Eating	Isabelle C.		No action required
2019-02-09	1:50:00 PM	Meadowbank	AWAR	Musk-ox	20	Resting	Kathleen Newberry	Tom Thomson	No action required
2019-02-09	2:00:00 PM	Meadowbank	AWAR	Musk-ox	25	Walking	Kathleen Newberry	Tom Thomson	No action required
2019-02-09	6:00:00 AM	Amaruq	Whalle Tail north Basin	Wolverine	1	Running	Driller Orbit		Monitored the area
2019-02-10	9:30:00 AM	Amaruq	Construction camp	Wolverine	1	Running	Construction employee		Monitored the area
2019-02-14	10:30:00 AM	Meadowbank		Wolverine	1	Running	Pascal Gregoire	Jamie Kataluk	No action required
2019-02-15	10:30:00 AM	Meadowbank		Caribou	3	Eating	Mine Dispatch	Jamie Kataluk	No action required
2019-02-15	9:00:00 AM	Meadowbank	Wing 11	Wolverine	1	Hiding	Felix	Jamie Kataluk	Monitored the area
2019-02-16	9:30:00 AM	Amaruq	Amaruq camp	Wolverine	1	Running	Kevin M.		Monitored the area but no sight
2019-02-17	9:30:00 AM	Amaruq	Amaruq camp	Wolverine	1	Running	Joël Fournier	Louis	
2019-02-17	2:00:00 PM	Amaruq	Amaruq camp	Wolverine	1	Walking	E&I worker		Monitored the area but no sight

2019-02-17	5:00:00 PM	Amaruq	Kitchen grease trap	Wolverine	1	Walking	E&I worker		Monitored the area but no sight
2019-02-17	9:30:00 AM	Amaruq	Kitchen grease trap	Wolverine	1	Running	Joël Fournier	Louis Dubois	Monitored the area
2019-02-18	8:00:00 AM	Amaruq	Amaruq camp	Wolverine	1	Fleeing	Samuel Tapp	Louis Dubois	Deterred. Successful
2019-02-18	1:30:00 PM	Amaruq	Amaruq camp	Wolverine	1	Walking	Construction worker		Monitored the area but no sight
2019-02-18	6:00:00 PM	Amaruq	Amaruq camp	Wolverine	1	Walking	Geology worker		Monitored the area but no sight
2019-02-18	9:30:00 PM	Amaruq	Behind the kitchen	Wolverine	1	Walking	Louis D.	Samuel T.	Deterred. Unsuccessful
2019-02-19	11:00:00 AM	Meadowbank	Wally Lake	Musk-ox	38	Eating	Jamie K		
2019-02-20	10:00:00 AM	Amaruq	Underground portal	Wolverine	1	Walking	Dominique G.		Monitored the area but no sight
2019-02-20	8:00:00 AM	Meadowbank	Amaruq Camp	Wolverine	1	Running	Isadore		
2019-02-20	1:00:00 AM	Amaruq	Behind Wing 12	Wolverine	1	Walking	Geology worker		No action required
2019-02-22	2:30:00 PM	Meadowbank	Whale Tail Haul Road KM72	Fox	2	Eating	Victor U.	Isabelle C.	No action required
2019-02-22	12:00:00 PM	Amaruq	Amaruq camp	Wolverine	1		Jamie Kataluk		
2019-02-22	1:30:00 AM	Amaruq		Wolverine	1	Observing	Samuel T.	Lionel J.	Monitored the area
2019-02-23	12:00:00 PM	Amaruq	Whale Tail Haul Road KM139	Caribou		Eating	jamie K		
2019-02-25	5:30:00 PM	Meadowbank	Between Vault pit and BB Phaser pit	Caribou		Eating	Dawn H		Monitored the area
2019-02-25	6:00:00 AM	Meadowbank	AWAR KM92	Musk-ox			Remi Ploudre		No action required
2019-02-26	3:30:00 PM	Amaruq	Whale Tail Haul Road KM171	Fox		Walking	Martin K.	Isabelle C.	No action required
2019-02-26	12:00:00 PM	Amaruq	Whale Tail Haul Road	Musk-ox		Resting	Victor U.	Jamie K.	No action required
2019-02-26	5:30:00 PM	Amaruq	Whale Tail Haul Road KM148	Fox		Running	Martin K.	Isabelle C.	No action required
2019-02-27	9:30:00 AM	Amaruq	Whale Tail Haul Road KM2	Caribou	3	Grazing	Isabelle C.	Martin K.	Monitored the area
2019-02-27	3:00:00 PM	Amaruq	Whale Tail Haul Road KM159	Musk-ox	2	Resting	Isabelle C.	Martin K.	No action required
2019-02-27	3:00:00 PM	Meadowbank	Landfill	Wolverine	1	Walking	Isabelle C.	Martin K.	No action required
2019-02-28	11:00:00 AM	Meadowbank	AWAR KM46	Arctic hare	1	Dead	Katelyn		No action required
2019-02-28	9:00:00 AM	Amaruq	Whale Tail Haul Road KM160	Wolverine	1	Walking	Jean-Alexandre (E&I)		No action required
2019-02-28	11:30:00 AM	Meadowbank	AWAR KM69	Fox	2		Katelyn (road user)		No action required
MARCH 2019									
2019-03-08	11:00:00 AM	Meadowbank	AWAR KM 90	Musk-ox	15	Resting	Victor U.		No action required
2019-03-11	9:00:00 AM	Meadowbank	Vault Area	Caribou	3	Eating	N/A	K.N	No action required
2019-03-12	9:40:00 AM	Meadowbank	AWAR KM 65	Caribou	6	Walking	Victor U.	Martin K.	No action required
2019-03-13	12:30:00 PM	Whale Tail	Whale Tail Haul Road KM169	Fox	1	Eating	Martin K.	Kathleen N.	No action required
2019-03-14	10:30:00 AM	Whale Tail	Whale Tail Haul Road KM157	Musk-ox	1	Eating	Martin K.	Kathleen N.	No action required
2019-03-14	9:30:00 AM	Whale Tail	Whale Tail Haul Road KM143	Musk-ox	19	Eating	Martin K.	Kathleen N.	No action required
2019-03-14	9:30:00 AM	Whale Tail	Whale Tail Haul Road KM131	Fox	1	Walking	Martin K.	Kathleen N.	No action required
2019-03-15	1:50:00 PM	Meadowbank	AWAR KM23	Raven	1	Resting	Victor U.		No action required
2019-03-16	8:30:00 AM	Meadowbank	AWAR KM88	Musk-ox	4	Grazing	C. Blouin	BL Dispatch	No action required
2019-03-18	3:30:00 PM	Whale Tail	Whale Tail Haul Road KM127	Caribou	15	Walking	Louis Dubois	Kathleen Newberry	No action required
2019-03-19	1:01:00 PM	Meadowbank	AWAR KM93	Musk-ox	3	Resting	Victor U.	Kevin M.	No action required
2019-03-19	5:40:00 PM	Whale Tail	Whale Tail Haul Road KM140	Caribou	4	Walking	Martin K.		No action required
2019-03-19	12:30:00 PM	Meadowbank	AWAR KM77	Caribou	3	Eating	AWAR user		No action required
2019-03-29	11:25:00 AM	Meadowbank	AWAR KM94	Musk-ox	21	Resting	Victor U.	Nicolas S.	No action required
2019-03-29	10:00:00 AM	Whale Tail	AMQ camp back door	Fox	1	Eating	Fanny Laporte	janitor	Monitored the area
2019-03-29	5:00:00 PM	Whale Tail	Whale Tail Haul Road KM 168 at 200 m	Musk-ox	2	Grazing	mine operator		No action required
2019-03-30	12:30:00 PM	Meadowbank	AWAR KM52	Caribou	8	Grazing	Paul Niego		No action required
2019-03-30	7:30:00 AM	Whale Tail	Whale Tail Haul Road KM158 (15 m. from the road)	Musk-ox	2	Grazing	AMQ road operator		No action required
2019-03-31	12:00:00 PM	Whale Tail	Wood burning pile	Fox	2	Walking	Fanny L	Robin A	Monitored the area
2019-03-31	2:00:00 PM	Whale Tail	Whale Tail Haul Road KM119	Caribou	2	Grazing	operator		Monitored the area
2019-03-31	1:30:00 PM	Whale Tail	Whale Tail Haul Road KM160 west at 500r	Caribou	30	Walking	Operator		No action required
2019-03-31	7:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Grazing	Mine operator		No action required
APRIL 2019									
2019-04-01	9:00:00 AM	Whale Tail	Whale Tail Haul Road KM 157, 1km west	Caribou	100	Walking	Dispatch		Monitored the area
2019-04-02	6:05:00 AM	Meadowbank	KM50	Wolverine	1		Paul Niego		Monitored the area
2019-04-02	2:00:00 PM	Meadowbank	KM52	Caribou	33	Walking	Victor U.	Isabelle C.	Monitored the area
2019-04-02	1:54:00 PM	Meadowbank	KM62	Arctic hare	1	Resting	Victor U.	Isabelle C.	No action required
2019-04-02	11:09:00 AM	Meadowbank	KM95	Musk-ox	30	Resting	Victor U.		Monitored the area
2019-04-02	10:41:00 AM	Meadowbank	KM71	Caribou	11	Walking	Victor U.		Monitored the area
2019-04-02	10:16:00 AM	Meadowbank	KM53	Caribou	25	Eating	Victor U.		Monitored the area
2019-04-02	2:30:00 PM	Meadowbank	KM154	Musk-ox	2	Eating	Jo A.	Kathleen N.	Monitored the area
2019-04-02	2:30:00 PM	Whale Tail	Whale Tail Haul Road KM 154 50 m.	Musk-ox	2	Grazing	dispatch report		Monitored the area
2019-04-03	5:05:00 PM	Meadowbank	KM152	Musk-ox	2	Grazing	Kevin M.	Martin K.	Monitored the area
2019-04-03	2:55:00 PM	Meadowbank	KM165	Caribou	37	Grazing	Kevin M.	Martin K.	Monitored the area
2019-04-03	8:30:00 AM	Whale Tail	Whale Tail Haul Road Km 154, 100 m.	Musk-ox	2	Grazing	Dispatch report		Monitored the area
2019-04-04	4:30:00 PM	Meadowbank	KM121	Caribou	11	Walking	Kevin M.	Martin K.	Monitored the area
2019-04-04	11:20:00 AM	Meadowbank	KM159	Caribou	34	Grazing	Kevin M.	Martin K.	Monitored the area

2019-04-04	8:25:00 AM	Meadowbank	KM120	Caribou	61	Walking	Martin K.	Kevin M.	Monitored the area
2019-04-04	9:00:00 AM	Whale Tail	Whale Tail Haul Road KM 120 250m.	Caribou	60	Grazing	Dispatch report		Monitored the area
2019-04-04	11:00:00 AM	Whale Tail	Whale Tail Haul Road - Vault laydown	Caribou	20	Grazing	Dispatch report		Monitored the area
2019-04-04	11:00:00 AM	Meadowbank	Vault Laydown	Caribou	40	Grazing	Nicolas S.	Kathleen N.	Monitored the area
2019-04-05	5:26:00 PM	Meadowbank	KM69	Caribou	25	Walking	Kathleen N.		Monitored the area
2019-04-05	5:00:00 PM	Meadowbank	KM53	Caribou	35	Resting	Kathleen N.		Monitored the area
2019-04-05	4:50:00 PM	Meadowbank	KM45	Caribou	15	Walking	Kathleen N.		Monitored the area
2019-04-05	1:42:00 PM	Meadowbank	KM70	Caribou	57	Walking	Victor U.	Kathleen N.	Monitored the area
2019-04-05	1:00:00 PM	Meadowbank	KM97	Musk-ox	5	Resting	Victor U.	Kathleen N.	Monitored the area
2019-04-05	12:43:00 PM	Meadowbank	KM101	Arctic hare	1	Walking	Victor U.	Kathleen N.	No action required
2019-04-05	11:00:00 AM	Meadowbank	KM94	Musk-ox	24	Resting	Victor U.	Kathleen N.	Monitored the area
2019-04-05	10:44:00 AM	Meadowbank	KM82	Caribou	50	Walking	Victor U.		Monitored the area
2019-04-05	5:05:00 PM	Meadowbank	KM124	Caribou	7	Grazing	Kevin M.	Martin K.	Monitored the area
2019-04-05	4:28:00 PM	Meadowbank	KM143	Musk-ox	2	Grazing	Kevin M.	Martin K.	Monitored the area
2019-04-05	3:53:00 PM	Meadowbank	KM125	Caribou	24	Resting	Kevin M.	Martin K.	Monitored the area
2019-04-05	1:15:00 PM	Meadowbank	KM118	Caribou	22	Walking	Kevin M.	Martin K.	Monitored the area
2019-04-05	1:00:00 PM	Meadowbank	KM124	Caribou	17	Walking	Kevin M.	Martin K.	Monitored the area
2019-04-05	12:45:00 PM	Meadowbank	KM126	Caribou	13	Grazing	Kevin M.	Martin K.	Monitored the area
2019-04-05	12:25:00 PM	Meadowbank	KM134	Caribou	17	Walking	Kevin M.	Martin K.	Monitored the area
2019-04-06	4:48:00 PM	Meadowbank	KM94	Musk-ox	18	Resting	Nicolas	Kathleen	Monitored the area
2019-04-06	2:56:00 AM	Meadowbank	KM40	Caribou	27	Walking	Nicolas	Kathleen	Monitored the area
2019-04-06	2:25:00 PM	Meadowbank		Fox	1	Walking	Nicolas	Kathleen	No action required
2019-04-06	1:45:00 PM	Meadowbank	KM76	Caribou	65	Grazing	Nicolas	Kathleen	Monitored the area
2019-04-06	1:15:00 PM	Meadowbank	KM94	Musk-ox	6	Resting	Nicolas	Kathleen	Monitored the area
2019-04-06	8:00:00 PM	Whale Tail	Whale Tail camp (Explo)	Wolf	1	Walking	Fanny Laporte		Deterred. Successful
2019-04-07	10:25:00 AM	Meadowbank	KM18	Ptarmigan	13	Grazing	Jamie	Kathleen	No action required
2019-04-07	10:00:00 AM	Meadowbank	KM18	Caribou	5	Walking	Jamie	Kathleen	Monitored the area
2019-04-07	9:27:00 AM	Meadowbank	KM44	Caribou	20	Resting	Jamie	Kathleen	Monitored the area
2019-04-07	9:00:00 AM	Meadowbank	KM56	Caribou	100	Walking	Jamie	Kathleen	Monitored the area
2019-04-07	8:38:00 AM	Meadowbank	KM66	Caribou	80	Walking	Jamie	Kathleen	Monitored the area
2019-04-07	8:33:00 AM	Meadowbank	KM67	Caribou	80	Grazing	Jamie	Kathleen	Monitored the area
2019-04-07	8:15:00 AM	Meadowbank	KM73	Caribou	60	Grazing	Jamie	Kathleen	Monitored the area
2019-04-07	7:58:00 AM	Meadowbank	KM77	Caribou	80	Walking	Jamie	Kathleen	Monitored the area
2019-04-07	7:33:00 AM	Meadowbank	KM92	Musk-ox	6	Grazing	Jamie K.	Kathleen N.	Monitored the area
2019-04-07	7:30:00 AM	Meadowbank	KM93	Musk-ox	17	Grazing	Jamie K.	Kathleen N.	Monitored the area
2019-04-07	7:23:00 AM	Meadowbank	KM97	Musk-ox	4	Grazing	Jamie K.	Kathleen N.	Monitored the area
2019-04-07	4:45:00 PM	Meadowbank	KM116	Caribou	33	Grazing	Kevin Martee	Nicolas Saucier	Monitored the area
2019-04-07	4:11:00 PM	Meadowbank	KM129	Fox	1	Walking	Kevin Martee	Nicolas Saucier	No action required
2019-04-07	3:45:00 PM	Meadowbank	KM144	Musk-ox	2	Resting	Kevin Martee	Nicolas Saucier	Monitored the area
2019-04-07	8:30:00 AM	Whale Tail	Emulsion road Whale Tail	Wolf	1	Walking	Fanny Laporte	Louis Dubois	Deterred. Successful
2019-04-08	5:50:00 PM	Meadowbank	KM112	Caribou	130	Grazing	Martin K.	Kathleen N.	Monitored the area
2019-04-08	4:15:00 PM	Meadowbank	KM160	Caribou	30	Walking	Martin K.	Kathleen N.	Monitored the area
2019-04-08	3:17:00 PM	Meadowbank	KM133	Caribou	8	Walking	Martin K.	Kathleen	Monitored the area
2019-04-08	2:34:00 PM	Meadowbank	KM95	Caribou	25	Resting	Jamie K.	Martin G.	Monitored the area
2019-04-08	2:25:00 PM	Meadowbank	KM97	Caribou	240	Grazing	Jamie K.	Martin G.	Monitored the area
2019-04-08	1:30:00 AM	Meadowbank	KM62	Wolf	2		Nick Jr King		No action required
2019-04-08	9:25:00 AM	Meadowbank	KM130	Caribou	20	Grazing	Fanny L		Monitored the area
2019-04-08	9:00:00 AM	Meadowbank	KM163	Caribou	50	Walking	Fanny L		Monitored the area
2019-04-08	8:30:00 AM	Meadowbank	KM112	Caribou	80	Grazing	Kevin Martee	Kathleen Newberry	Monitored the area
2019-04-08	8:35:00 AM	Meadowbank	KM71	Caribou	73	Grazing	Jamie K.		Monitored the area
2019-04-08	8:31:00 AM	Meadowbank	KM70	Caribou	81	Walking	Jamie K.		Monitored the area
2019-04-08	8:00:00 AM	Meadowbank	KM8*	Caribou	62	Grazing	Jamie K.		Monitored the area
2019-04-08	7:49:00 AM	Meadowbank	KM91	Musk-ox	6	Grazing	Jamie K.		Monitored the area
2019-04-08	7:42:00 AM	Meadowbank	KM96	Caribou	29	Grazing	Jamie K.		Monitored the area
2019-04-08	7:38:00 AM	Meadowbank	KM97	Caribou	64	Grazing	Jamie K.		Monitored the area
2019-04-08	7:31:00 AM	Meadowbank	KM99	Caribou	25	Grazing	Jamie K.		Monitored the area
2019-04-09	3:34:00 PM	Meadowbank	KM97	Caribou	97	Eating	Victor	Jamie	Monitored the area
2019-04-09	3:05:00 PM	Meadowbank	KM52	Caribou	135	Walking	Victor	Jamie	Monitored the area
2019-04-09	3:00:00 PM	Meadowbank	KM53	Caribou	41	Walking	Victor	Jamie	Monitored the area
2019-04-09	2:36:00 PM	Meadowbank	KM64	Caribou	65	Walking	Victor	Jamie	Monitored the area
2019-04-09	2:23:00 PM	Meadowbank	KM71	Caribou	1000	Eating	Victor	Jamie	Monitored the area
2019-04-09	2:15:00 PM	Meadowbank	KM76	Caribou	100	Walking	Victor	Jamie	Monitored the area
2019-04-09	1:45:00 PM	Meadowbank	KM92	Musk-ox	2	Immobile	Victor	Jamie	Monitored the area
2019-04-09	1:35:00 PM	Meadowbank	KM94	Caribou	43	Eating	Victor		Monitored the area
2019-04-09	1:35:00 PM	Meadowbank	KM96	Musk-ox	30	Resting	Victor		Monitored the area
2019-04-09	1:31:00 PM	Meadowbank	KM98	Caribou	5	Walking	Victor	Jamie	Monitored the area
2019-04-09	10:08:00 AM	Meadowbank	KM35	Caribou	12	Eating	Jamie	Victor	Monitored the area

2019-04-09	10:02:00 AM	Meadowbank	KM49	Fox	2	Unknown	Victor	Jamie	No action required
2019-04-09	3:54:00 PM	Meadowbank	KM121	Raven	2	Flying	Martin G	Martin K	No action required
2019-04-09	3:33:00 PM	Meadowbank	KM126	Caribou	120	Grazing	Martin K.	Martin G.	Monitored the area
2019-04-09	3:15:00 PM	Meadowbank	KM131	Caribou	10	Grazing	Martin K.	Martin G.	Monitored the area
2019-04-09	3:00:00 PM	Meadowbank	KM137	Raven	2	Flying	Martin K.	Martin G.	No action required
2019-04-09	2:39:00 PM	Meadowbank	KM146	Musk-ox	2	Grazing	Martin K.	Martin G.	Monitored the area
2019-04-09	1:52:00 PM	Meadowbank	KM157	Caribou	22	Grazing	Martin K.	Martin G.	Monitored the area
2019-04-09	9:15:00 AM	Meadowbank	KM146	Raven	3	Flying	Martin K.	Martin G.	No action required
2019-04-09	8:49:00 AM	Meadowbank	KM133	Arctic hare	2	Running	Martin K.	Martin G.	No action required
2019-04-09	8:34:00 AM	Meadowbank	KM126	Arctic hare	6	Grazing	Martin K.	Martin G.	No action required
2019-04-09	8:19:00 AM	Meadowbank	KM118	Arctic hare	1	Immobile	Martin K.	Martin G.	No action required
2019-04-09	8:10:00 AM	Meadowbank	KM116	Arctic hare	2	Walking	Martin K	Martin G	No action required
2019-04-09	11:17:00 AM	Meadowbank	KM92	Caribou	233	Walking	Nicolas	Kathleen	Monitored the area
2019-04-09	10:32:00 AM	Meadowbank	KM64	Caribou	17	Grazing	Nicolas	Kathleen	Monitored the area
2019-04-09	10:27:00 AM	Meadowbank	KM65	Caribou	20	Grazing	Nicolas	Kathleen	Monitored the area
2019-04-09	10:17:00 AM	Meadowbank	KM68	Caribou	2	Observing	Nicolas	Kathleen	Monitored the area
2019-04-09	10:12:00 AM	Meadowbank	KM69	Arctic hare	2	Crossing the road	Nicolas	Kathleen	No action required
2019-04-09	10:07:00 AM	Meadowbank	KM70	Caribou	100	Walking	Nicolas	Kathleen	Monitored the area
2019-04-09	9:47:00 AM	Meadowbank	KM73	Caribou	60	Grazing	Nicolas	Kathleen	Monitored the area
2019-04-09	9:15:00 AM	Meadowbank	KM92	Musk-ox	6	Fighting	Nicolas S	Kathleen N.	Monitored the area
2019-04-09	9:04:00 AM	Meadowbank	KM96	Musk-ox	15	Resting	Nicolas S.	Kathleen N.	Monitored the area
2019-04-09	5:00:00 AM	Meadowbank		Wolverine	1	Walking	Darren Cluett		No action required
2019-04-09	10:00:00 AM	Meadowbank	Km 73	Wolf	6	Walking	Arctic fuel driver		No action required
2019-04-10	5:00:00 PM	Meadowbank	Baker Lake to MBK	Caribou	NA	Grazing	Jonathan Pameolik		Monitored the area
2019-04-10	9:40:00 AM	Meadowbank	KM116	Arctic hare	2	Immobile	Martin G	Kathleen	No action required
2019-04-10	9:22:00 AM	Meadowbank	KM117	Caribou	35	Walking	Martin G	Kathleen	Monitored the area
2019-04-10	9:12:00 AM	Meadowbank	KM116	Caribou	40	Eating	Martin G	Kathleen	Monitored the area
2019-04-10	9:00:00 AM	Meadowbank	KM115	Caribou	40	Running	Martin G	Kathleen	Monitored the area
2019-04-10	8:50:00 AM	Meadowbank	KM115	Caribou	65	Eating	Martin G	Kathleen	Monitored the area
2019-04-10	5:34:00 PM	Meadowbank	KM118	Caribou	15	Eating	Martin G	Kathleen	Monitored the area
2019-04-10	5:09:00 PM	Meadowbank	KM136	Caribou	55	Observing	Martin G	Kathleen	Monitored the area
2019-04-10	4:41:00 PM	Meadowbank	KM159	Caribou	12	Eating	Martin G	Kathleen	Monitored the area
2019-04-10	3:11:00 PM	Meadowbank	KM146	Musk-ox	2	Eating	Martin G	Kathleen	Monitored the area
2019-04-10	3:07:00 PM	Meadowbank	KM142	Wolverine	1	Running	Martin G	Kathleen	No action required
2019-04-10	2:59:00 PM	Meadowbank	KM139	Raven	1	Flying	Kathleen	Martin G.	No action required
2019-04-10	2:52:00 PM	Meadowbank	KM133	Caribou	30	Walking	Kathleen	Martin G.	Monitored the area
2019-04-10	2:43:00 PM	Meadowbank	KM129	Caribou	45	Eating	Kathleen	Martin G,.	Monitored the area
2019-04-10	2:37:00 PM	Meadowbank	KM125	Caribou	20	Walking	Kathleen	Martin G.	Monitored the area
2019-04-10	2:34:00 PM	Meadowbank	KM124	Caribou	20	Running	Kathleen	Martin G.	Monitored the area
2019-04-10	1:46:00 PM	Meadowbank	KM115	Caribou	9	Eating	Kathleen	Martin G.	Monitored the area
2019-04-10	1:28:00 PM	Meadowbank	KM116	Caribou	200	Resting	Kathleen	Martin G.	Monitored the area
2019-04-10	1:17:00 PM	Meadowbank	KM112	Caribou	2	Eating	Kathleen	Martin G.	Monitored the area
2019-04-11	6:31:00 AM	Meadowbank	KM133	Caribou	20	Eating	Kathleen		Monitored the area
2019-04-11	6:08:00 AM	Meadowbank	KM128	Caribou	40	Walking	Kathleen		Monitored the area
2019-04-11	5:53:00 AM	Meadowbank	KM123	Caribou	70	Walking	Kathleen		Monitored the area
2019-04-11	5:49:00 AM	Meadowbank	KM122	Caribou	20	Resting	Kathleen		Monitored the area
2019-04-11	5:38:00 AM	Meadowbank	KM119	Caribou	10	Eating	Kathleen		Monitored the area
2019-04-11	5:25:00 AM	Meadowbank	KM115	Caribou	100	Resting	Kathleen		Monitored the area
2019-04-11	10:34:00 AM	Meadowbank	KM83	Caribou	300	Walking	Kathleen	Leanne	Monitored the area
2019-04-11	10:23:00 AM	Meadowbank	KM86	Caribou	35	Observing	Kathleen	Leanne	Monitored the area
2019-04-11	10:13:00 AM	Meadowbank	KM89	Caribou	150	Eating	Kathleen	Leanne	Monitored the area
2019-04-11	10:07:00 AM	Meadowbank	KM92	Musk-ox	6	Resting	Kathleen	Leanne	Monitored the area
2019-04-11	10:04:00 AM	Meadowbank	KM93	Caribou	15	Observing	Kathleen	Leanne	Monitored the area
2019-04-11	9:50:00 AM	Meadowbank	KM96	Caribou	300	Walking	Kathleen	Leanne	Monitored the area
2019-04-11	9:46:00 AM	Meadowbank	KM98	Caribou	200	Eating	Kathleen	Leanne	Monitored the area
2019-04-11	9:33:00 AM	Meadowbank	KM100	Caribou	200	Eating	Kathleen	Leanne	Monitored the area
2019-04-11	9:25:00 AM	Meadowbank	KM102	Caribou	15	Walking	Kathleen	Leanne	Monitored the area
2019-04-12	5:00:00 AM	Whale Tail	KM 166	Caribou	40	Resting	Louis Dubois		Monitored the area
2019-04-12	3:25:00 PM	Whale Tail	KM 180	Caribou	30	Walking	Louis Dubois		Monitored the area
2019-04-12	3:00:00 PM	Whale Tail	KM 149	Musk-ox	2	Immobile	Louis Dubois		Monitored the area
2019-04-12	2:25:00 PM	Whale Tail	KM 135	Caribou	100	Running	Louis Dubois		Monitored the area
2019-04-12	2:15:00 PM	Whale Tail	KM 133	Caribou	1	Immobile	Louis Dubois		Monitored the area
2019-04-12	2:05:00 PM	Whale Tail	KM 129	Caribou	20	Walking	Louis Dubois		Monitored the area
2019-04-12	2:00:00 PM	Whale Tail	KM 123	Caribou	20	Walking	Louis Dubois		Monitored the area
2019-04-12	9:25:00 AM	Whale Tail	KM 119	Caribou	40	Walking	Louis Dubois		Monitored the area
2019-04-12	9:20:00 AM	Whale Tail	KM 121	Caribou	100	Walking	Louis Dubois		Monitored the area
2019-04-12	9:17:00 AM	Whale Tail	KM 123	Caribou	30	Immobile	Louis Dubois		Monitored the area

2019-04-12	9:15:00 AM	Whale Tail	KM 123	Caribou	11	Walking	Louis Dubois		Monitored the area
2019-04-12	9:15:00 AM	Whale Tail	KM 127	Caribou	40	Walking	Louis Dubois		Monitored the area
2019-04-12	9:00:00 AM	Whale Tail	KM 133	Caribou	25	Walking	Louis Dubois		Monitored the area
2019-04-12	9:00:00 AM	Whale Tail	KM 137	Caribou	70	Walking	Louis Dubois		Monitored the area
2019-04-12	5:38:00 AM	Whale Tail	KM 133	Caribou	10	Walking	Louis Dubois		Monitored the area
2019-04-12	5:30:00 AM	Whale Tail	KM 137	Caribou	15	Walking	Louis Dubois		Monitored the area
2019-04-12	6:38:00 AM	Whale Tail	km 133	Caribou	10	Walking	louis Dubois		Monitored the area
2019-04-12	6:30:00 AM	Whale Tail	km 137	Caribou	15	Walking	louis Dubois		Monitored the area
2019-04-12	10:37:00 AM	Meadowbank	KM66	Caribou	15	Resting	Victor U.		Monitored the area
2019-04-12	5:50:00 AM	Meadowbank	KM119	Caribou	40	Running	Kathleen		Monitored the area
2019-04-13	4:05:00 PM	Whale Tail	Whale Tail Haul Road	Snow owl	1	Flying	Louis D.		No action required
2019-04-13	3:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	8	Immobile	Louis D.		Monitored the area
2019-04-13	3:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.		Monitored the area
2019-04-13	3:03:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Resting	Louis D.		Monitored the area
2019-04-13	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	80	Resting	Louis D.		Monitored the area
2019-04-13	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Ptarmigan	3	Walking	Louis D.		No action required
2019-04-13	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Louis D.		Monitored the area
2019-04-13	2:30:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	2	Resting	Louis D.		Monitored the area
2019-04-13	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Resting	Louis D.		Monitored the area
2019-04-13	2:00:00 PM	Whale Tail	KM 177	Caribou	60	Eating	Louis Dubois		Monitored the area
2019-04-13	6:00:00 AM	Whale Tail	KM 177	Caribou	80	Resting	Louis Dubois		Monitored the area
2019-04-13	5:50:00 AM	Whale Tail	KM 170	Caribou	12	Resting	Louis Dubois		Monitored the area
2019-04-13	3:00:00 PM	Meadowbank	Across from Camp	Musk-ox	4	Walking	Jonathan Pameolik	Joseph	No action required
2019-04-13	7:48:00 AM	Meadowbank	KM91	Caribou	8	Walking	Kathleen		Monitored the area
2019-04-13	7:46:00 AM	Meadowbank	KM93	Musk-ox	6	Eating	Kathleen		Monitored the area
2019-04-13	7:32:00 AM	Meadowbank	KM98	Caribou	50	Eating	Kathleen		Monitored the area
2019-04-13	7:25:00 AM	Meadowbank	KM100	Caribou	20	Eating	Kathleen		Monitored the area
2019-04-14	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Immobile	Kevin M.		Monitored the area
2019-04-14	4:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Eating	Kevin M.		Monitored the area
2019-04-14	4:35:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	2	Resting	Kevin M.		Monitored the area
2019-04-14	3:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	36	Resting	Kevin M.		Monitored the area
2019-04-14	3:46:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	21	Resting	Kevin M.		Monitored the area
2019-04-14	3:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	13	Eating	Kevin M.		Monitored the area
2019-04-14	7:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	12	Eating	Kevin M.		Monitored the area
2019-04-14	7:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	6	Walking	Kevin M.		Monitored the area
2019-04-14	6:50:00 AM	Whale Tail	Whale Tail Haul Road	Fox	1	Walking	Kevin M.		No action required
2019-04-14	6:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	Kevin M.		Monitored the area
2019-04-14	6:10:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	2	Eating	Kevin M.		Monitored the area
2019-04-14	5:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Immobile	Kevin M.		Monitored the area
2019-04-14	5:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Kevin M.		Monitored the area
2019-04-14	5:55:00 AM	Whale Tail	KM 172	Caribou	6	Walking	Louis Dubois		Monitored the area
2019-04-14	7:20:00 AM	Meadowbank	Waste Dump	Wolverine	1		Charmaine K.		Monitored the area
2019-04-15	3:00:00 PM	Meadowbank	Vault Road	Caribou	200	Walking	Jonathan Pameolik		No action required
2019-04-16	12:30:00 PM	Meadowbank	Km 66 - 1000m from the road	Caribou	100	Eating	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	11:00:00 AM	Meadowbank	Km 65	Caribou	48	Immobile	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	11:00:00 AM	Meadowbank	Km 63 - 1000m west from the road	Caribou	15	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	10:30:00 AM	Meadowbank	Km 58	Caribou	47	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	10:30:00 AM	Meadowbank	Km 53 - 500m west from the road	Caribou	3	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	10:30:00 AM	Meadowbank	Km 52 - 500m west from the road	Caribou	6	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	10:00:00 AM	Meadowbank	Km 44 - 1000m west from the road	Caribou	200	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	10:00:00 AM	Meadowbank	Km 41 - 500m west from the road	Caribou	25	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-16	10:00:00 AM	Meadowbank	Km 32	Ptarmigan	10	Flying	Jamie Kataluk	Victor Utatnaq	No action required
2019-04-16	9:30:00 AM	Meadowbank	Km 7 - 700m west from the road	Caribou	50	Unknown	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	8:00:00 PM	Meadowbank	Km 27 - 500m west from the road	Caribou	40	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	7:30:00 PM	Meadowbank	Km 45 - 300m west from the road	Caribou	9	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	7:00:00 PM	Meadowbank	Km 54 - 400m west from the road	Caribou	20	Running	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	7:00:00 PM	Meadowbank	Km 61 - 200m west from the road	Caribou	205	Eating	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	3:30:00 PM	Meadowbank	Km 90 - 500m west from the road	Caribou	3	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	3:00:00 PM	Meadowbank	Km 88 - 400m west from the road	Caribou	6	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	3:00:00 PM	Meadowbank	Km 83 - 400m west from the road	Caribou	17	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	3:00:00 PM	Meadowbank	Km 81 - 400m west from the road	Caribou	101	Walking	Victor Utatnaq	Jamie Kataluk	Monitored the area
2019-04-17	3:00:00 PM	Meadowbank	Km 74 - 900m west from the road	Caribou	400	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	2:30:00 PM	Meadowbank	Km 69 - crossing the road	Caribou	100	Crossing the road	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	12:00:00 PM	Meadowbank	Km 57 - 400m west from the road	Caribou	32	Walking	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-17	12:00:00 PM	Meadowbank	Km 52 - 150m west from the road	Caribou	60	Walking	Victor Utatnaq	Jamie Kataluk	Monitored the area
2019-04-17	12:00:00 PM	Meadowbank	Km 5 - 250m west from the road	Caribou	5	Running	Jamie Kataluk	Victor Utatnaq	Monitored the area
2019-04-18	4:01:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Samuel T.		Monitored the area

2019-04-18	3:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Samuel T.		Monitored the area
2019-04-18	3:22:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Samuel T.		Monitored the area
2019-04-18	2:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	55	Walking	Samuel T.		Monitored the area
2019-04-18	2:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	45	Walking	Samuel T.		Monitored the area
2019-04-18	6:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Samuel T.		Monitored the area
2019-04-18	6:23:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	75	Walking	Samuel T.		Monitored the area
2019-04-18	6:11:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	120	Walking	Samuel T.		Monitored the area
2019-04-18	6:07:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Samuel T.		Monitored the area
2019-04-18	5:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Samuel T.		Monitored the area
2019-04-18	5:13:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Samuel T.		Monitored the area
2019-04-18	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	SamuelT.		Monitored the area
2019-04-19	4:46:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	17	Walking	Samuel T.		Monitored the area
2019-04-19	4:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	Samuel T.		Monitored the area
2019-04-19	4:36:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	64	Walking	Samuel T.		Monitored the area
2019-04-19	4:28:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	36	Resting	Samuel T.		Monitored the area
2019-04-19	4:09:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	63	Walking	Samuel T.		Monitored the area
2019-04-19	4:07:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	46	Walking	Samuel T.		Monitored the area
2019-04-19	3:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	140	Walking	Samuel T.		Monitored the area
2019-04-19	3:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	8	Crossing the road	Samuel T.		Monitored the area
2019-04-19	3:42:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	12	Walking	Samuel T.		Monitored the area
2019-04-19	3:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Samuel T.		Monitored the area
2019-04-19	3:37:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Walking	Samuel T.		Monitored the area
2019-04-19	3:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	24	Immobile	Samuel T.		Monitored the area
2019-04-19	3:11:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	34	Walking	Samuel T.		Monitored the area
2019-04-19	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	24	Walking	Samuel T.		Monitored the area
2019-04-19	12:59:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	70	Walking	Samuel T.		Monitored the area
2019-04-19	12:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	Samuel T.		Monitored the area
2019-04-19	12:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	80	Walking	Samuel T.		Monitored the area
2019-04-19	12:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	400	Walking	Samuel T.		Monitored the area
2019-04-19	11:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Samuel T.		Monitored the area
2019-04-19	11:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Samuel T.		Monitored the area
2019-04-19	11:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Samuel T.		Monitored the area
2019-04-19	11:15:00 AM	Whale Tail	Whale Tail Haul Road	Fox	125	Walking	Samuel T.		No action required
2019-04-19	8:34:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Samuel T.		Monitored the area
2019-04-19	8:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Samuel T.		Monitored the area
2019-04-19	7:41:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Samuel T.		Monitored the area
2019-04-19	7:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Crossing the road	Samuel T.		Monitored the area
2019-04-19	7:03:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	120	Walking	Samuel T.		Monitored the area
2019-04-19	6:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Walking	Samuel T.		Monitored the area
2019-04-19	6:41:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	70	Walking	Samuel T.		Monitored the area
2019-04-19	6:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Samuel T.		Monitored the area
2019-04-19	3:00:00 PM	Meadowbank	Km 59 - 250m west from the road	Caribou	45	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-19	1:30:00 PM	Meadowbank	Km 102 - 300 west from the road	Caribou	16	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-19	1:00:00 PM	Meadowbank	Km 83 - 400m west from the road	Caribou	5	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-19	1:00:00 PM	Meadowbank	Km 66 - 300m from the road	Caribou	9	Running	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-19	1:00:00 PM	Meadowbank	Km 66	Fox	1	Walking	Victor Utatnaq	Isabelle Couture	No action required
2019-04-19	12:00:00 PM	Meadowbank	Km 45 - 2000 m from the road	Caribou	20	Grazing	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-19	9:00:00 AM	Meadowbank	Km 22	Caribou	7	Walking	Martin A.	Isabelle C.	Monitored the area
2019-04-19	8:30:00 AM	Meadowbank	Km 36	Arctic hare	3	Resting	Martin A.	Isabelle C.	No action required
2019-04-19	8:30:00 AM	Meadowbank	Km 37	Caribou	50	Walking	Martin A.	Isabelle C.	Monitored the area
2019-04-19	8:30:00 AM	Meadowbank	Km 45	Caribou	1	Walking	Martin A.	Isabelle C.	Monitored the area
2019-04-19	8:00:00 AM	Meadowbank	Km 46	Caribou	17	Eating	Martin A.	Isabelle C.	Monitored the area
2019-04-19	7:00:00 AM	Meadowbank	Km 82	Caribou	30	Walking	Martin A.	Isabelle C.	Monitored the area
2019-04-19	6:30:00 AM	Meadowbank	Km 93	Caribou	4	Walking	Martin A.	Isabelle C.	Monitored the area
2019-04-19	6:30:00 AM	Meadowbank	Km 96	Musk-ox	6	Resting	Martin A.	Isabelle C.	Monitored the area
2019-04-20	3:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-20	3:14:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	32	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	2:57:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	149	Running	Samuel T.	Joe A.	Monitored the area
2019-04-20	2:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	2:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	44	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	2:14:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	34	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	46	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	1:11:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	52	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	1:02:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	45	Running	Samuel T.	Joe A.	Monitored the area
2019-04-20	12:26:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	37	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	11:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	43	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-20	8:27:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Samuel T.	Joe A.	Monitored the area

2019-04-20	8:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	13	Running	Samuel T.	Joe A.	Monitored the area
2019-04-20	7:53:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	7:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Crossing the road	Samuel T.	Joe A.	Monitored the area
2019-04-20	7:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Running	Samuel T.	Joe A.	Monitored the area
2019-04-20	7:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Sameul T.	Joe A.	Monitored the area
2019-04-20	6:53:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	6:37:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	45	Running	Samuel T.	Joe A.	Monitored the area
2019-04-20	6:29:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	110	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	6:17:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-20	12:00:00 PM	Meadowbank	Km 35	Caribou	17	Walking	Isabelle C.		Monitored the area
2019-04-20	12:00:00 PM	Meadowbank	Km 46	Caribou	21	Walking	Isabelle C.		Monitored the area
2019-04-20	11:30:00 AM	Meadowbank	Km 55	Caribou	26	Walking	Isabelle C.		Monitored the area
2019-04-20	11:30:00 AM	Meadowbank	Km 56	Caribou	20	Walking	Isabelle C.		Monitored the area
2019-04-20	11:00:00 AM	Meadowbank	Km 65	Caribou	NA	Walking	Isabelle C.		Monitored the area
2019-04-20	11:00:00 AM	Meadowbank	Km 71	Caribou	60	Walking	Isabelle C.		Monitored the area
2019-04-20	10:30:00 AM	Meadowbank	Km 72	Caribou	30	Walking	Isabelle C.		Monitored the area
2019-04-20	10:30:00 AM	Meadowbank	Km 77	Caribou	49	Observing	Isabelle C.		Monitored the area
2019-04-20	10:00:00 AM	Meadowbank	Km 81	Caribou	15	Walking	Isabelle C		Monitored the area
2019-04-20	10:00:00 AM	Meadowbank	Km 92	Caribou	100	Walking	Isabelle C.		Monitored the area
2019-04-20	10:00:00 AM	Meadowbank	Km 94	Caribou	25	Grazing	PEL driver		No action required
2019-04-20	10:00:00 AM	Meadowbank	Km 93	Caribou	3	Walking	Isabelle C.		No action required
2019-04-21	3:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	48	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-21	3:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	108	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-21	3:27:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-21	3:22:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	3:20:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	2:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	34	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	2:46:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	14	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	2:38:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	48	Running	Samuel T.	Joe A.	Monitored the area
2019-04-21	2:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	2:16:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	46	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	12:07:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	31	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	11:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	10:53:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	28	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	10:43:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	10:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	51	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	9:46:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	32	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	9:37:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	83	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	9:31:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	8:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	16	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	8:43:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	160	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-21	8:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	117	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-21	10:30:00 AM	Meadowbank	Km 95 - 3000m from the road	Caribou	60	Walking	Martin Archambault		Monitored the area
2019-04-21	10:30:00 AM	Meadowbank	Km 94 - 2000m west from the road	Caribou	47	Walking	Martin Archambault		Monitored the area
2019-04-21	10:00:00 AM	Meadowbank	Km 90 - 1500m from the road	Caribou	30	Walking	Martin Archambault		Monitored the area
2019-04-21	8:30:00 AM	Meadowbank	Km 67 -	Caribou	5	Walking	Martin Archambault		Monitored the area
2019-04-21	9:00:00 AM	Meadowbank	Km 64	Caribou	5	Resting	Martin A.		Monitored the area
2019-04-21	8:30:00 AM	Meadowbank	Km 53	Caribou	29	Eating	Martin A.		Monitored the area
2019-04-22	3:07:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	2:57:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-22	2:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	12	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	1:57:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	29	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	1:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	1:37:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	13	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	9:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	9:42:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	17	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	9:37:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	32	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	9:29:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	17	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	9:09:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	29	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-22	8:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	59	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-22	8:27:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	8:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-22	8:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	121	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-22	10:00:00 AM	Meadowbank	Km 62 - 800m west from the road	Caribou	12	Walking	Isabelle Couture		Monitored the area
2019-04-22	9:30:00 AM	Meadowbank	Km 63 - 1000m west from the road	Caribou	45	Eating	Isabelle Couture		Monitored the area

2019-04-22	9:00:00 AM	Meadowbank	Km 86 - 500m east from the road	Caribou	1	Immobile	Isabelle Couture		Monitored the area
2019-04-22	8:30:00 AM	Meadowbank	Km 90 - 800m west from the road	Caribou	20	Resting	Isabelle Couture		Monitored the area
2019-04-22	8:00:00 AM	Meadowbank	Km 92 - crossing road	Caribou	10	Crossing the road	Isabelle Couture		Monitored the area
2019-04-22	8:00:00 AM	Meadowbank	Km 93 - 500m west from the road	Caribou	5	Walking	Isabelle Couture		Monitored the area
2019-04-22	8:00:00 AM	Meadowbank	Km 94 - 200m west from the road	Caribou	7	Walking	Isabelle Couture		Monitored the area
2019-04-23	4:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	600	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:58:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:39:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	650	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:36:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	450	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:26:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:24:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	8	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:14:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	70	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	3:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:57:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	75	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	78	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	375	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	38	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	29	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	125	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:27:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:25:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	35	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:16:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	55	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:14:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:11:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	2:03:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-23	10:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:44:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	35	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:42:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	35	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:28:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Running	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	65	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	10:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:57:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:57:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	32	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	24	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	125	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	18	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:15:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	9	Running	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Running	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:08:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Running	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	34	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	9:01:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	84	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:56:00 AM	Whale Tail	Whale Tail Haul Road	Fox	24	Running	Samuel T.	Joe A.	No action required
2019-04-23	8:51:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:46:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	80	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:41:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	32	Running	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	22	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Swimming	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	74	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	16	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-23	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Samuel T.	Joe A.	Monitored the area
2019-04-23	4:00:00 PM	Meadowbank	Km 19 - 350m west from the road	Caribou	70	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-23	3:00:00 AM	Meadowbank	Km 66	Caribou	13	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-23	2:00:00 PM	Meadowbank	Km 87	Caribou	8	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-23	12:00:00 PM	Meadowbank	Km 81 - 400m west from the road	Caribou	32	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area

2019-04-23	11:30:00 AM	Meadowbank	Km 76 -1000m west from the road	Caribou	65	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-23	11:30:00 AM	Meadowbank	Km 74	Caribou	5	Walking	Victor Utatnaq	Isabelle Couture	Monitored the area
2019-04-23	11:30:00 AM	Meadowbank	Km 69 - 10m from the road	Arctic hare	4	Immobile	Victor Utatnaq	Isabelle Couture	No action required
2019-04-23	11:30:00 AM	Meadowbank	Km 62 - 10m from the road	Arctic hare	2	Resting	Victor Utatnaq	Isabelle Couture	No action required
2019-04-23	9:00:00 AM	Meadowbank	Km 15 - 800m west from the road	Caribou	5	Walking	Isabelle Couture		Monitored the area
2019-04-23	8:30:00 AM	Meadowbank	Km 31 - 1000m west from the road	Caribou	50	Walking	Isabelle Couture		Monitored the area
2019-04-23	8:00:00 AM	Meadowbank	Km 62 - 25m west from the road	Ptarmigan	10	Flying	Isabelle Couture		No action required
2019-04-23	7:30:00 AM	Meadowbank	Km 67 - 100m west from the road	Caribou	10	Walking	Isabelle Couture		Monitored the area
2019-04-23	7:30:00 AM	Meadowbank	Km 68 - 1500m west from the road	Caribou	100	Eating	Isabelle Couture		Monitored the area
2019-04-23	7:30:00 AM	Meadowbank	Km 70 - 1500m west from the road	Caribou	25	Eating	Isabelle Couture		Monitored the area
2019-04-23	7:30:00 AM	Meadowbank	Km 71 - 300m east from the road	Caribou	17	Immobile	Isabelle Couture		Monitored the area
2019-04-23	7:00:00 AM	Meadowbank	Km 71 - 50m from the road	Arctic hare	28	Eating	Isabelle Couture	Marie-Pier Gagnon	No action required
2019-04-23	6:30:00 AM	Meadowbank	Km 89 - 300m east from the road	Caribou	35	Eating	Isabelle Couture		Monitored the area
2019-04-23	6:30:00 AM	Meadowbank	Km 97 - 100m east from the road	Musk-ox	4	Eating	Isabelle Couture		Monitored the area
2019-04-23	6:30:00 AM	Meadowbank	Km 3 - 300m west from the road	Caribou	3	Immobile	Isabelle Couture		Monitored the area
2019-04-23	6:00:00 AM	Meadowbank	Km 103 - 125m east from the road	Caribou	20	Eating	Isabelle Couture		Monitored the area
2019-04-24	8:00:00 AM	Meadowbank	Meadowbank AWAR	Caribou	200	Walking	Martin A.		Monitored the area
2019-04-24	7:05:00 AM	Meadowbank	Meadowbank AWAR	Caribou	120	Resting	Martin A.		Monitored the area
2019-04-24	6:45:00 AM	Meadowbank	Meadowbank AWAR	Caribou	14	Walking	Martin A.		Monitored the area
2019-04-24	6:20:00 AM	Meadowbank	Meadowbank AWAR	Caribou	12	Resting	Martin A.		Monitored the area
2019-04-24	6:17:00 AM	Meadowbank	Meadowbank AWAR	Caribou	47	Resting	Martin A.		Monitored the area
2019-04-24	6:00:00 AM	Meadowbank	Meadowbank AWAR	Caribou	41	Walking	Martin A.		Monitored the area
2019-04-24	6:00:00 AM	Meadowbank	Meadowbank AWAR	Musk-ox	6	Eating	Martin A.		Monitored the area
2019-04-24	4:19:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	350	Resting	Fanny L.	J.P.	Monitored the area
2019-04-24	4:01:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Resting	Fanny L.	J.P.	Monitored the area
2019-04-24	3:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	125	Resting	Fanny L.	J.P.	Monitored the area
2019-04-24	3:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Resting	Fanny L.	F.P.	Monitored the area
2019-04-24	3:23:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Fanny L.	F.P.	Monitored the area
2019-04-24	3:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Fanny L.	F.P.	Monitored the area
2019-04-24	3:02:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:48:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:42:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:37:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:26:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	fanny L.	Joe A.	Monitored the area
2019-04-24	2:23:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-24	2:17:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	10:29:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	10:27:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	10:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	650	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	10:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	175	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	10:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	10:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	62	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	450	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-24	9:48:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	45	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	9:42:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-24	9:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	9:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	156	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:46:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	90	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:43:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:19:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	350	Resting	Fanny L.	Joe A.	Monitored the area
2019-04-24	8:00:00 AM	Meadowbank	Km 101	Wolverine	1	Crossing the road	Byron		No action required
2019-04-25	4:20:00 PM	Meadowbank	Meadowbank AWAR	Caribou	20	Eating	Martin A.		Monitored the area
2019-04-25	3:30:00 PM	Meadowbank	Meadowbank AWAR	Caribou	10	Eating	Martin A.		Monitored the area
2019-04-25	8:20:00 AM	Meadowbank	Meadowbank AWAR	Caribou	64	Eating	Martin A.		Monitored the area
2019-04-25	8:00:00 AM	Meadowbank	Meadowbank AWAR	Caribou	19	Walking	Martin A.		Monitored the area
2019-04-25	8:15:00 AM	Meadowbank	Meadowbank AWAR	Caribou	5	Walking	Martin A.		Monitored the area
2019-04-25	5:45:00 AM	Meadowbank	Meadowbank AWAR	Musk-ox	5	Mating	Martin A.		Monitored the area
2019-04-25	5:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Resting	Fanny L.	Caleb J.	Monitored the area
2019-04-25	4:57:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Immobile	Fanny L.	Caleb J.	Monitored the area

2019-04-25	4:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	4:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:43:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:42:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:34:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Migrating	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:27:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:27:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	3:04:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	2:57:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-25	10:36:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Fanny L.	Guy	Monitored the area
2019-04-25	10:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Immobile	Fanny L.	Guy	Monitored the area
2019-04-25	10:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Fanny L.	Guy	Monitored the area
2019-04-25	10:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Fanny L.	Guy	Monitored the area
2019-04-25	10:01:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Fanny L.	Guy	Monitored the area
2019-04-25	9:59:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Resting	Fanny L.	Guy	Monitored the area
2019-04-25	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Eating	Fanny L.	Guy	Monitored the area
2019-04-25	9:06:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	Fanny L.	Guy	Monitored the area
2019-04-25	8:59:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Fanny L.	Guy	Monitored the area
2019-04-25	8:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Eating	Fanny L.	Guy	Monitored the area
2019-04-25	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Walking	Fanny L.	Guy	Monitored the area
2019-04-25	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	Fanny L.	Guy	Monitored the area
2019-04-25	8:23:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Eating	Fanny L.	Guy	Monitored the area
2019-04-25	8:17:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Fanny L.	Guy	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	40	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	28		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	70	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	55	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	120	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	35	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	5	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	85	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	90	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	50	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	60		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Whale Tail	Whale Tail Haul Road	Caribou	30		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	40		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	50		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	8	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	18	Resting	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	20		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	5		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	3		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	15		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	8		Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-25		Meadowbank	Meadowbank AWAR	Caribou	63	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-26	10:00:00 AM	Meadowbank	Meadowbank AWAR	Caribou	4	Walking	Martin A,		Monitored the area
2019-04-26	10:00:00 AM	Meadowbank	Meadowbank AWAR	Caribou	120	Walking	Martin A.		Monitored the area
2019-04-26	3:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	75	Walking	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Resting	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-26	3:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	125	Walking	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	160	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-26	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-26	1:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	35	Immobile	Fanny L.	Annie V.	Monitored the area
2019-04-26	1:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	75	Immobile	Fanny L.	Annie V.	Monitored the area
2019-04-26	10:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	65	Walking	Fanny L.	Stephan P.	Monitored the area
2019-04-26	10:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Fanny L.	Stephan P.	Monitored the area
2019-04-26	10:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Immobile	Fanny L.	Stephan P.	Monitored the area
2019-04-26	10:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Running	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	70	Immobile	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Running	Fanny L.	Stephan P.	Monitored the area

2019-04-26	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Resting	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Running	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Running	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:28:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Running	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	350	Resting	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Immobile	Fanny L.	Stephan P.	Monitored the area
2019-04-26	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	45	Walking	Fanny L.	Stephan P.	Monitored the area
2019-04-26	8:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Immobile	Fanny L.	Stephan P.	Monitored the area
2019-04-26	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Walking	Fanny L.	Stephan P.	Monitored the area
2019-04-26		Meadowbank	Meadowbank AWAR	Caribou	13	Running	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-26		Meadowbank	Meadowbank AWAR	Caribou	18	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-26		Meadowbank	Meadowbank AWAR	Caribou	15	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-26		Meadowbank	Meadowbank AWAR	Caribou	2	Eating	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-04-26	5:00:00 PM	Whale Tail	Lake A44 300 meters	Caribou	20	Grazing	Driller Orbit		No action required
2019-04-26	5:00:00 PM	Whale Tail	Behind clinic	Fox	1	Sick or wounded	Fanny Laporte	Louis	Deterred. Successful
2019-04-27	8:10:00 AM	Meadowbank	Meadowbank AWAR	Caribou	14	Eating	Martin A.		Monitored the area
2019-04-27	8:05:00 AM	Meadowbank	Meadowbank AWAR	Caribou	60	Eating	Martin A.		Monitored the area
2019-04-27	8:00:00 AM	Meadowbank	Meadowbank AWAR	Caribou	6	Walking	Martin A.		Monitored the area
2019-04-27	6:50:00 AM	Meadowbank	Meadowbank AWAR	Caribou	15	Resting	Martin A.		Monitored the area
2019-04-27	6:45:00 AM	Meadowbank	Meadowbank AWAR	Caribou	45	Eating	Martin A.		Monitored the area
2019-04-27	5:30:00 AM	Meadowbank	Meadowbank AWAR	Caribou	32	Eating	Martin A.		Monitored the area
2019-04-27	5:00:00 PM	Meadowbank	Whale Tail Haul Road	Caribou	17	Walking	Martin A.		Monitored the area
2019-04-27	5:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Eating	Martin A.		Monitored the area
2019-04-27	4:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	7	Eating	Martin A.		Monitored the area
2019-04-27	4:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	Martin A.		Monitored the area
2019-04-27	4:08:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	Martin A.		Monitored the area
2019-04-27	3:25:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	23	Eating	Martin A.		Monitored the area
2019-04-27	3:15:00 AM	Whale Tail	Whale Tail Haul Road	Wolf	1	Running	Martin A.		No action required
2019-04-27	3:07:00 PM	Meadowbank	Meadowbank AWAR	Caribou	20	Migrating	Nicolas Saucier		Monitored the area
2019-04-27	2:15:00 PM	Meadowbank	Meadowbank AWAR	Caribou	5	Grazing	Nicolas Saucier		Monitored the area
2019-04-27	2:52:00 PM	Meadowbank	Meadowbank AWAR	Caribou	70	Walking	Nicolas Saucier		Monitored the area
2019-04-27	2:10:00 PM	Meadowbank	Meadowbank AWAR	Caribou	230	Migrating	NIcolas Saucier		Monitored the area
2019-04-27	1:48:00 PM	Meadowbank	Meadowbank AWAR	Snow owl	1	Walking	Nicolas Saucier		Monitored the area
2019-04-27	12:57:00 PM	Meadowbank	Meadowbank AWAR	Caribou	57	Walking	Nicolas Saucier		Monitored the area
2019-04-27	12:30:00 PM	Meadowbank	Meadowbank AWAR	Caribou	60	Migrating	Nicolas Saucier		Monitored the area
2019-04-28	5:15:00 AM	Meadowbank	Meadowbank AWAR	Caribou	15	Eating	Martin A.		Monitored the area
2019-04-28	11:45:00 AM	Meadowbank	Meadowbank AWAR	Caribou	16	Eating	Martin A.		Monitored the area
2019-04-28	11:15:00 AM	Meadowbank	Meadowbank AWAR	Caribou	28	Eating	Martin A.		Monitored the area
2019-04-28	9:50:00 AM	Meadowbank	Meadowbank AWAR	Caribou	87	Eating	Martin A.		Monitored the area
2019-04-28	9:48:00 AM	Meadowbank	Meadowbank AWAR	Caribou	18	Walking	Martin A.		Monitored the area
2019-04-28	9:08:00 AM	Meadowbank	Meadowbank AWAR	Caribou	76	Eating	Martin A.		Monitored the area
2019-04-28	8:32:00 AM	Meadowbank	Meadowbank AWAR	Caribou	56	Eating	Martin A.		Monitored the area
2019-04-28	11:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Fanny L.	Annie V.	Monitored the area
2019-04-28	11:06:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	29	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-28	11:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	6	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-28	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	24	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-28	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Immobile	Fanny L.	Annie V.	Monitored the area
2019-04-28	9:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Fanny L.	Annie V.	Monitored the area
2019-04-28	9:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-28	9:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Running	Fanny L.	Annie V.	Monitored the area
2019-04-28	8:27:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	Fanny L.	Annie V.	Monitored the area
2019-04-28	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	Fanny L.	Annie V.	Monitored the area
2019-04-28	9:20:00 AM	Meadowbank	Meadowbank AWAR	Caribou	200	Walking	Nicolas Saucier		Monitored the area
2019-04-28	9:15:00 AM	Meadowbank	Meadowbank AWAR	Caribou	80	Resting	Nicolas Saucier		Monitored the area
2019-04-28	6:30:00 AM	Meadowbank	Meadowbank AWAR	Arctic hare	1	Walking	Nicolas Saucier		Monitored the area
2019-04-28	3:00:00 PM	Whale Tail	Construction area	Fox	1	Running	Trevor	Caleb	Monitored the area but no sight
2019-04-28	9:00:00 AM	Whale Tail	Whale Tail Haul Road KM 157	Grizzly	2	Crossing the road	Fanny Laporte	Annie Vigneault	Monitored the area
2019-04-29	11:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	10:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	10:43:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	12	Immobile	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	10:39:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	10:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	10:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:57:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Sebastien B.	Monitored the area

2019-04-29	9:46:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:34:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	35	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	27	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:13:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:06:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:03:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:54:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	130	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:39:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	35	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:27:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	45	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	65	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	24	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	8:12:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Eating	Fanny L.	Sebastien B.	Monitored the area
2019-04-29	1:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Resting	M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Resting	M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	18	Resting	M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Resting	M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Resting	M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	27		M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	19	Resting	M. Archambault		Monitored the area
2019-04-29	5:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25		M. Archambault		Monitored the area
2019-04-30	12:44:00 PM	Meadowbank	Meadowbank AWAR	Caribou	15	Walking	Martin A.		Monitored the area
2019-04-30	12:43:00 AM	Meadowbank	Meadowbank AWAR	Caribou	20	Walking	Martin A.		Monitored the area
2019-04-30	12:40:00 PM	Meadowbank	Meadowbank AWAR	Caribou	15	Walking	Martin A.		Monitored the area
2019-04-30	12:29:00 AM	Meadowbank	Meadowbank AWAR	Caribou	15	Walking	Martin A.		Monitored the area
2019-04-30	12:15:00 AM	Meadowbank	Meadowbank AWAR	Caribou	6	Walking	Martin A.		Monitored the area
2019-04-30	12:08:00 PM	Meadowbank	Meadowbank AWAR	Caribou	30	Running	Martin A.		Monitored the area
2019-04-30	11:51:00 AM	Meadowbank	Meadowbank AWAR	Caribou	9	Walking	Martin A.		Monitored the area
2019-04-30	9:54:00 AM	Meadowbank	Meadowbank AWAR	Caribou	40	Walking	Martin A.		Monitored the area
2019-04-30	6:20:00 AM	Meadowbank	Meadowbank AWAR	Caribou	13	Walking	Martin A.		Monitored the area
2019-04-30	6:15:00 AM	Meadowbank	Meadowbank AWAR	Caribou	110	Walking	Martin A.		Monitored the area
2019-04-30	5:50:00 AM	Meadowbank	Meadowbank AWAR	Musk-ox	6	Resting	Martin A.		Monitored the area
2019-04-30	5:25:00 AM	Meadowbank	Meadowbank AWAR	Caribou	23	Eating	Martin A.		Monitored the area
2019-04-30	3:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	250	Immobile	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	3:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Immobile	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	3:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	300	Immobile	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	3:13:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Immobile	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	3:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	250	Resting	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	2:58:00 PM	Whale Tail	Whale Tail Haul Road	Arctic hare	3	Immobile	Nancy D-H.	Fanny L.	No action required
2019-04-30	2:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Eating	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	2:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	1:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	155	Eating	Nancy D-H.	Fanny L.	Monitored the area
2019-04-30	10:23:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Running	Fanny L.	Caleb J.	Monitored the area
2019-04-30	10:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	10:08:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	10:03:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	9:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Running	Fanny L.	Caleb J.	Monitored the area
2019-04-30	9:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	9:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	9:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Fanny L.	Caleb J.	Monitored the area
2019-04-30	8:54:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1000	Walking	Fanny L.	Caleb J.	Monitored the area
2019-04-30	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	8:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	8:23:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Fanny L.	Caleb J.	Monitored the area
2019-04-30	8:17:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Immobile	Fanny L.	Caleb J.	Monitored the area
2019-04-30	8:09:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Resting	Fanny L.	Caleb J.	Monitored the area
2019-04-30	2:45:00 PM	Meadowbank	Meadowbank AWAR	Caribou	35	Walking	Vutanaq	Gabriel Joeder	Monitored the area
2019-04-30	3:00:00 PM	Meadowbank	Meadowbank AWAR	Caribou	10	Walking	Vutanaq	Gabriel Joeder	Monitored the area
2019-04-30	2:30:00 PM	Meadowbank	Meadowbank AWAR	Caribou	45	Walking	Vutatnaq	Gabriel Joeder	Monitored the area

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2019-05-01	4:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-01	4:06:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:59:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:56:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:08:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	70	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	2:48:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	2:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	250	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	2:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	2:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	10:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	10:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	10:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	10:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	9:48:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Immobile	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	9:44:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	9:09:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	500	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Immobile	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	9:04:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Immobile	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	9:01:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	8:56:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Eating	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	8:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	8:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Resting	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	8:44:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Immobile	Louis D.	Nancy D-H.	Monitored the area
2019-05-01	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Eating	Louis D,	Nancy D-H.	Monitored the area
2019-05-01	8:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Immobile	Louis D.	Nancy D-H.	Monitored the area
2019-05-01		Meadowbank		Caribou	110	Eating	Unknown		Monitored the area
2019-05-01		Meadowbank		Caribou	62	Resting	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	27	Walking	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	34	Walking	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	5	Walking	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	25	Walking	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	25	Walking	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	25	Walking	Nicolas Saucier		Monitored the area
2019-05-01		Meadowbank		Caribou	42	Eating	Nicolas Saucier		Monitored the area
2019-05-02	4:17:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1000	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	4:09:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	800	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	4:02:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	3:54:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	400	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	3:42:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Crossing the road	Louis D.	Mathieu G.	Monitored the area
2019-05-02	3:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	3:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	500	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	3:14:00 PM	Whale Tail	Whale Tail Haul Road	Ptarmigan	20	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	3:01:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	250	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	2:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	2:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	400	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	2:39:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	2:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	1:56:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	500	Crossing the road	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:33:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	700	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	400	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:12:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	400	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	10:04:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	9:53:00 AM	Whale Tail	Whale Tail Haul Road	Wolf	3	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	9:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	9:34:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	Louis D.	Mathieu G.	Monitored the area

2019-05-02	9:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	500	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:59:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:54:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1000	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	700	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	8:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-02	6:56:00 PM	Meadowbank		Caribou	120	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	6:21:00 PM	Meadowbank		Caribou	60	Walking	Nicolas saucier	Gabriel Joeder	Monitored the area
2019-05-02	6:45:00 PM	Meadowbank		Caribou	63	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	5:30:00 PM	Meadowbank		Caribou	38	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	3:00:00 PM	Meadowbank		Caribou	62	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02		Meadowbank		Caribou	32	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02		Meadowbank		Caribou	16	Resting	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	1:30:00 PM	Meadowbank		Caribou	11	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	12:55:00 PM	Meadowbank		Caribou	15	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	12:35:00 PM	Meadowbank		Caribou	28	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	11:45:00 AM	Meadowbank		Caribou	19	Walking	Nicolas Saucier	Gabriel Joeder	Monitored the area
2019-05-02	10:00:00 AM	Whale Tail	Whale Tail camp	Caribou	200	Resting	Fanny Laporte		Monitored the area
2019-05-03	3:08:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	800	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	3:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Observing	Louis D.	Mathieu G.	Monitored the area
2019-05-03	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	2:46:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	2:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Observing	Louis D.	Mathieu G.	Monitored the area
2019-05-03	2:36:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Observing	Louis D.	Mathieu G.	Monitored the area
2019-05-03	2:14:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Eating	Louis D.	Mathieu G.	Monitored the area
2019-05-03	2:03:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:57:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:51:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	70	Eating	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Observing	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	13	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:27:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:22:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	7	Running	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Running	Louis D.	Mathieu G.	Monitored the area
2019-05-03	1:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Running	Louis D.	Mathieu G.	Monitored the area
2019-05-03	10:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	10:01:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Crossing the road	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:38:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	500	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:37:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:34:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:28:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	9:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	8:58:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	8:54:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	8:37:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	8:46:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-03	10:06:00 AM	Meadowbank		Arctic hare	7		Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	10:00:00 AM	Meadowbank		Arctic hare	4	Resting	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	9:40:00 AM	Meadowbank		Caribou	80	Walking	Emilie Fouilloux	Nicolas Saucier	Monitored the area
2019-05-03	6:20:00 PM	Meadowbank		Caribou	61	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	6:14:00 PM	Meadowbank		Caribou	69	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03		Meadowbank		Caribou	23	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	6:00:00 PM	Meadowbank		Wolf	1	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	5:53:00 PM	Meadowbank		Caribou	16	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	5:43:00 PM	Meadowbank		Caribou	36	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	5:40:00 PM	Meadowbank		Caribou	10	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	5:20:00 PM	Meadowbank		Caribou	8		Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	5:12:00 PM	Meadowbank		Caribou	42		Nicolas Saucier	Emilie Fouilloux	Monitored the area

2019-05-03	4:50:00 PM	Meadowbank		Caribou	10	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	4:00:00 PM	Meadowbank		Caribou	10	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area but no sight
2019-05-03	2:40:00 PM	Meadowbank		Caribou	1	Running	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	2:18:00 PM	Meadowbank		Caribou	30	Walking	Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	1:40:00 PM	Meadowbank		Caribou	7		Nicolas Saucier	Emilie Fouilloux	Monitored the area
2019-05-03	12:50:00 PM	Meadowbank		Caribou	4	Walking	Emilie Fouilloux	Nicolas Saucier	Monitored the area
2019-05-04	3:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	3:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	3:32:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Immobile	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	3:17:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	3:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	80	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:54:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	5	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:17:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:09:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	2:04:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:56:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	7	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:52:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	30	Running	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Resting	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Immobile	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:26:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	12	Immobile	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:23:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	4	Resting	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:20:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	80	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:12:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	70	Walking	Mathieu G.	Kevin M.	Monitored the area
2019-05-04	1:02:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	60	Eating	Mathieu G.	Kevin M.	Monitored the area
2019-05-05	8:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	500	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-05	8:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Resting	Louis D.	Mathieu G.	Monitored the area
2019-05-05	8:00:00 AM	Meadowbank	km 78	Caribou	11	Resting	Tom Thomson		Monitored the area
2019-05-05	7:49:00 AM	Meadowbank	km 83	Caribou	16	Walking	Tom T.		Monitored the area
2019-05-05	7:40:00 AM	Meadowbank	km 87	Caribou	15	Walking	Tom Thomson		Monitored the area
2019-05-06	10:42:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	90	Walking	Mathieu G.		Monitored the area
2019-05-06	10:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	Mathieu G.		Monitored the area
2019-05-06	10:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	Mathieu G.		Monitored the area
2019-05-06	10:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	Mathieu G.		Monitored the area
2019-05-06	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	Mathieu G.		Monitored the area
2019-05-06	9:36:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	Mathieu G.		Monitored the area
2019-05-06	9:12:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Mathieu G.		Monitored the area
2019-05-06	9:06:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	Mathieu G.		Monitored the area
2019-05-06	8:32:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	Mathieu G.		Monitored the area
2019-05-06	4:09:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Resting	Mathieu G.		Monitored the area
2019-05-06	3:39:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Walking	Mathieu G.		Monitored the area
2019-05-06	3:35:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	Mathieu G.		Monitored the area
2019-05-06	3:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	Mathieu G.		Monitored the area
2019-05-06	2:38:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	Mathieu G.		Monitored the area
2019-05-06	2:19:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Walking	Mathieu G.		Monitored the area
2019-05-06	2:17:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	70	Resting	Mathieu G.		Monitored the area
2019-05-06	1:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	Mathieu G.		Monitored the area
2019-05-06	1:42:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Resting	Mathieu G.		Monitored the area
2019-05-06	1:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	Mathieu G.		Monitored the area
2019-05-06	1:12:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	80	Resting	Mathieu G.		Monitored the area
2019-05-07	4:03:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	7	Walking	Samuel T.	G.J.	Monitored the area
2019-05-07	3:23:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	24	Walking	Samuel T.	G.J.	Monitored the area
2019-05-07	3:17:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	7	Walking	Samuel T.	G.J.	Monitored the area
2019-05-07	2:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Resting	Samuel T.	G.J.	Monitored the area
2019-05-07	2:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Resting	Samuel T.	G.J.	Monitored the area
2019-05-07	2:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	11	Walking	Samuel T.	G.J.	Monitored the area
2019-05-07	10:01:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Resting	M.G.		Monitored the area
2019-05-07	9:59:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	M.G.		Monitored the area
2019-05-07	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Wolf	1	Running	M.G.		Monitored the area
2019-05-07	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Resting	M.G.		Monitored the area
2019-05-07	9:47:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	M.G.		Monitored the area
2019-05-07	9:44:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Resting	M.G.		Monitored the area

2019-05-07	9:36:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Resting	M.G.		Monitored the area
2019-05-07	9:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	12	Walking	M.G.		Monitored the area
2019-05-07	9:29:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Resting	M.G.		Monitored the area
2019-05-07	9:27:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	6	Walking	M.G.		Monitored the area
2019-05-07	9:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	31	Resting	M.G.		Monitored the area
2019-05-07	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	M.G.		Monitored the area
2019-05-07	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	M.G.		Monitored the area
2019-05-07	8:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	M.G.		Monitored the area
2019-05-07	8:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Resting	M.G.		Monitored the area
2019-05-07	8:12:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	M.G.		Monitored the area
2019-05-07	3:41:00 PM	Meadowbank	14 W, E: 640365, N: 7151004	Caribou	50	Walking	Victor Utatnaq	Tom Thompson	Monitored the area
2019-05-07	3:31:00 PM	Meadowbank	14 W, E: 636199, N: 7158474	Arctic hare	1	Resting	Victor Utatnaq	Tom Thompson	Monitored the area
2019-05-07	2:47:00 PM	Meadowbank	14 W, E: 625034, N: 717800	Caribou	34	Walking	Victor Utatnaq	Tom Thompson	Monitored the area
2019-05-07	2:20:00 PM	Meadowbank	14W, E: 626761; N: 7189795	Caribou	8	Walking	Victor Utatnaq	Tom Thompson	Monitored the area
2019-05-07	12:30:00 PM	Meadowbank	14W, E: 634446, N: 7212892	Caribou	2	Walking	Victor Utatnaq	Tom Thompson	Monitored the area
2019-05-07	9:51:00 AM	Meadowbank	14 W, E: 632141, N: 7163335	Caribou	50	Walking	Victor Utatnaq	Tom Thompson	Monitored the area
2019-05-07	9:28:00 AM	Meadowbank		Caribou	10	Walking	Mickeal Buttet-Allard	Stephanie Mercier	Monitored the area
2019-05-08	9:46:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Immobile	Keinn M.	G.J.	Monitored the area
2019-05-08	9:26:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Immobile	Kein M.	G.J.	Monitored the area
2019-05-08	9:02:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Running	Kein M.	G.J.	Monitored the area
2019-05-08	8:51:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Immobile	Kein M.	G.J.	Monitored the area
2019-05-08	8:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	13	Immobile	Kein M.	G.J.	Monitored the area
2019-05-08	8:33:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Immobile	Kein M.	G.J.	Monitored the area
2019-05-08	9:30:00 AM	Meadowbank		Caribou	7	Resting	Emilie Fouilloux	Stephanie Mercier	Monitored the area
2019-05-08	3:06:00 PM	Whale Tail	km 119 : 14 W 0640063; 7225514	Caribou	40	Grazing	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-08	3:30:00 PM	Whale Tail	(km 121) 14 W 0635981; 7224922	Caribou	20	Grazing	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-08	4:42:00 PM	Whale Tail	(km 129) 14 W 0633691; 7230378	Caribou	15	Grazing	Gabriel Joeder	Mickael Buttet-Allard	Monitored the area
2019-05-08	1:58:00 PM	Whale Tail	(km 121) 14 W 0635981; 7224972	Wolf	1	Walking	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-09	2:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	11	Walking	Louis D.	Samuel T.	Monitored the area
2019-05-09	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Peregrine falcon	1	Flying	Louis D.	Samuel T.	Monitored the area
2019-05-09	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Observing	Louis D.	Samuel T.	Monitored the area
2019-05-09	10:00:00 AM	Whale Tail	km 52	Wolf	2	Running	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	3:05:00 PM	Whale Tail	km 33	Caribou	12	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	2:02:00 PM	Whale Tail	km 46	Caribou	9	Eating	Stephanie mercier	Gabriel joeder	Monitored the area
2019-05-09	11:09:00 AM	Whale Tail	km 46	Caribou	2	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	10:36:00 AM	Whale Tail	km 34	Caribou	11	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	1:00:00 PM	Meadowbank	KM20	Wolf	1	Walking	BL Dispatch	AFS Tanker 06	No action required
2019-05-09	10:00:00 AM	Whale Tail	km 20	Wolf	2	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	3:00:00 PM	Whale Tail	km 33	Caribou	12	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	2:00:00 PM	Whale Tail	km 46	Caribou	9	Resting	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	10:30:00 AM	Whale Tail	km 49	Caribou	11	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	11:00:00 AM	Whale Tail	km 61	Caribou	2	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-09	10:30:00 AM	Whale Tail	km 49	Caribou	11	Walking	Stephanie Mercier	Gabriel	Monitored the area but no sight
2019-05-10	10:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	13	Walking	R.L.	Samuel T.	Monitored the area
2019-05-10	10:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	24	Walking	R.L.	Samuel T.	Monitored the area
2019-05-10	10:09:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	12	Walking	R.L.	Samuel T.	Monitored the area
2019-05-10	9:21:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	7	Resting	R.L.	Samuel T.	Monitored the area
2019-05-10	9:15:00 AM	Whale Tail	Whale Tail Haul Road	Arctic hare	1	Resting	R.L.	Samuel T.	Monitored the area
2019-05-10	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	R.L.	Samuel T.	Monitored the area
2019-05-10	8:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Walking	R.L.	Samuel T.	Monitored the area
2019-05-10	12:40:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	11	Walking	Samuel T.		Monitored the area
2019-05-10	11:56:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	27	Walking	Samuel T.		Monitored the area
2019-05-10	5:33:00 PM	Whale Tail	km 119	Caribou	9	Walking	Tom Thomson	Mickael Buttet-Allard	Monitored the area
2019-05-10	4:41:00 PM	Whale Tail	km 134	Caribou	8	Walking	Tom Thomson	Mickael Buttet-Allard	Monitored the area
2019-05-10	4:21:00 PM	Whale Tail	km 127	Caribou	2	Walking	Tom Thomson	Mickael Buttet-Allard	Monitored the area
2019-05-10	4:13:00 PM	Whale Tail	km 121	Caribou	2	Walking	Tom Thomson	Mickael Buttet-Allard	Monitored the area
2019-05-10	4:05:00 PM	Whale Tail	km 116	Caribou	15	Walking	Tom Thomson	Mickael Buttet-Allard	Monitored the area
2019-05-10	4:01:00 PM	Whale Tail	km 114	Caribou	15	Grazing	Mickael Buttet-Allard	Tom Thomson	Monitored the area
2019-05-10	10:20:00 AM	Whale Tail	Whale Tail Haul Road 14 W 0636003; 7224774	Caribou	10	Walking	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-10	10:20:00 AM	Whale Tail	Whale Tail Haul Road 14 W 0633441; 7227704	Caribou	20	Walking	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-10	9:00:00 AM	Whale Tail	Whale Tail Haul Road 14 W 0633614; 7226097	Caribou	13	Walking	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-10	8:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Grazing	Mickael Buttet-Allard		Monitored the area
2019-05-10	7:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	35	Grazing	Mickael Buttet-Allard	Gabriel Joeder	Monitored the area
2019-05-10	7:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	12	Grazing	Mickael Buttet-Allard	Gabriel J	Monitored the area

2019-05-10	1:07:00 PM	Meadowbank	14 W, E: 627169, N: 7203913	Caribou	10	Walking	Stephanie Mercier	Victor Utatnaq	Monitored the area
2019-05-10	10:33:00 AM	Meadowbank	14 W, E: 626155, N: 7186859	Caribou	15	Walking	Stephanie Mercier	Victor Utatnaq	Monitored the area
2019-05-10	10:28:00 AM	Meadowbank	14 W, E: 625728, N: 7180781	Caribou	10	Running	Stephanie Mercier	Victor Utatnaq	Monitored the area
2019-05-10	9:57:00 AM	Meadowbank	14 W; E: 631594, N: 7164079	Caribou	7	Resting	Stephanie Mercier	Victor Utatnaq	Monitored the area
2019-05-10	9:52:00 AM	Meadowbank	14 W E: 634420; N:7161136	Caribou	12	Walking	Stephanie Mercier	Victor Utatnaq	Monitored the area
2019-05-10	9:44:00 AM	Meadowbank	14 W Easting: 637954, Northing: 7156296	Caribou	8	Walking	Stephanie Mercier	Victor Utatnaq	Monitored the area
2019-05-10	9:37:00 AM	Meadowbank	14 W easting: 640337; Northing: 7151183	Caribou	45	Walking	Stephanie Mercier	Victor utatnaq	Monitored the area
2019-05-10	1:00:00 PM	Meadowbank	AWAR KM48	Caribou	15	Unknown	BL Dispatch	TRK04	Monitored the area
2019-05-11	10:12:00 AM	Meadowbank	km 86	Arctic hare	1	Running	Mickael Buttet-Allard	Stephanie Mercier	Monitored the area
2019-05-11	7:30:00 AM	Whale Tail	Whale Tail Haul Road	Wolf	1	Walking	Samuel T.		Monitored the area
2019-05-12	8:28:00 AM	Meadowbank	km 30	Caribou	10	Walking	Stephanie Mercier	Mickael Buttet-Allard	Monitored the area
2019-05-12	7:50:00 AM	Meadowbank	km 85	Caribou	4	Grazing	Stephanie Mercier	Mickael Buttet-Allard	Monitored the area
2019-05-12	8:12:00 AM	Meadowbank	14W easting: 0626160; northing: 7235845	Caribou	35	Walking	Tom Thompson		Monitored the area
2019-05-12	7:18:00 AM	Meadowbank	14 W easting: 0639707; northing : 7216897	Caribou	10	Walking	Tom Thompson		Monitored the area
2019-05-13	8:00:00 AM	Meadowbank	KM17	Wolf	1	Unknown	BL Dispatch	FGL Pick up	No action required
2019-05-14	5:38:00 PM	Meadowbank	14 W 0629973; 7167551 (km 46)	Caribou	20	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-14	2:25:00 PM	Meadowbank	14 W 0626973; 7167551	Rough legged hawk	1	Flying	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-14	2:07:00 PM	Meadowbank	14 W 0628923; 7177084	Caribou	4	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-14	1:16:00 PM	Meadowbank	14 W 063118; 742555 (km86)	Caribou	13	Resting	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-14	9:10:00 AM	Meadowbank	Vault haul road	Caribou	30	Walking	Mickael Buttet-Allard	Stephanie Mercier	Monitored the area
2019-05-14	5:30:00 PM	Meadowbank	Sana Crusher	Wolverine	1	Running	Mine Dispatch		Monitored the area
2019-05-15	9:30:00 AM	Meadowbank	KM 119 - 75m W from the road	Musk-ox	2	Eating	Marilyne Arcand	Keven Martee	No action required
2019-05-15	9:30:00 AM	Meadowbank	KM 119 - 150m W from the road	Caribou	4	Grazing	Marilyne Arcand	Keven Martee	No action required
2019-05-15	9:00:00 AM	Meadowbank	KM 127 - 350m W from the road	Caribou	60	Walking	Marilyne Arcand	Keven Martee	No action required
2019-05-15	9:00:00 AM	Meadowbank	KM 134 - 1500m W from the road	Caribou	40	Immobile	Marilyne Arcand	Keven Martee	No action required
2019-05-15	9:00:00 AM	Meadowbank	KM 137 - 350m W from the road	Caribou	4	Immobile	Marilyne Arcand	Keven Martee	No action required
2019-05-15	9:22:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	2	Eating	Marylin A.	Kein M.	Monitored the area
2019-05-15	9:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Eating	Marylin A.	Kevin M.	Monitored the area
2019-05-15	9:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	60	Walking	Marylin A.	Kevin M.	Monitored the area
2019-05-15	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Immobile	Marylin A.	Kein M.	Monitored the area
2019-05-15	8:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Immobile	Marylin A.	Kevin M.	Monitored the area
2019-05-15	11:30:00 AM	Whale Tail	Whale Tail Haul Road 14 W 0638479 ;7221546	Arctic hare	1	Grazing	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-15	11:30:00 AM	Whale Tail	Whale Tail Haul Road 14 W 0638479; 7221546	Musk-ox	2	Resting	Stephanie Mercier	Gabriel Joeder	Deterred. Successful
2019-05-15	11:30:00 AM	Whale Tail	Whale Tail Haul Road 14 W 0638479; 7221546	Caribou	65	Walking	Stephanie Mercier	Gabriel Joeder	Monitored the area
2019-05-16	10:30:00 PM	Meadowbank	KM 130 - 400 ft from the road	Caribou	25	Unknown	Driver on the road		
2019-05-17	8:30:00 AM	Meadowbank	KM 135 - 500m W from the road	Caribou	35	Resting	Laurence Archambault		No action required
2019-05-17	8:00:00 AM	Meadowbank	KM 124 - 300m W from the road	Caribou	45	Resting	Laurence Archambault		No action required
2019-05-17	8:00:00 AM	Meadowbank	KM 124 - 500m W from the road	Caribou	9	Walking	Laurence Archambault		No action required
2019-05-17	1:30:00 PM	Meadowbank		Rough legged hawk	1	Flying	Viktor Utatnoo	Laurence Archambault	No action required
2019-05-17	3:30:00 PM	Meadowbank	KM 46 - 400m W from the road	Caribou	6	Eating	Viktor Utatnoo	Laurence Archambault	No action required
2019-05-17	3:30:00 PM	Meadowbank	KM 47 - 250 m W from the road	Caribou	26	Eating	Viktor Utatnoo	Laurence Archambault	No action required
2019-05-17	3:00:00 PM	Meadowbank	KM 59 - 400 m W from the road	Caribou	12	Walking	Viktor Utatnoo	Laurence Archambault	No action required
2019-05-17	2:30:00 PM	Meadowbank	KM 53 - 450m W from the road	Caribou	16	Grazing	Viktor Utanoo	Laurence Archambault	No action required
2019-05-17	4:00:00 AM	Meadowbank	KM 123 - 150 ft from the road	Caribou	12	Unknown	Driver on the road		
2019-05-18	10:30:00 AM	Meadowbank	Landfill	Wolverine	1	Fleeing	Laurence Archambault		Monitored the area
2019-05-18	6:00:00 AM	Whale Tail	KM 128 - 50 ft from the road	Caribou	8	Unknown	Driver on the road		Monitored the area
2019-05-18	3:30:00 PM	Meadowbank	KM 77	Caribou	24	Unknown	Paul Boudreau		Monitored the area
2019-05-19	10:30:00 AM	Meadowbank	KM 122 - 100 m W from the road	Caribou	17	Grazing	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	10:00:00 AM	Meadowbank	KM 124 - 20m W from the road	Caribou	6	Grazing	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	10:00:00 AM	Meadowbank	KM 126 - 5m W from the road	Caribou	12	Grazing	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	9:30:00 AM	Meadowbank	KM 130 - 50m W from the road	Caribou	3	Grazing	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	9:00:00 AM	Meadowbank	KM 141 - 300m W from the road	Arctic hare	1	Grazing	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	8:30:00 AM	Meadowbank	KM 141 - 100m E from the road	Rough legged hawk	1	Flying	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	8:30:00 AM	Meadowbank	KM 135 - 5m W from the road	Arctic hare	5	Eating	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	8:00:00 AM	Meadowbank	KM 126 - 200m W from the road	Caribou	13	Resting	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	8:00:00 AM	Meadowbank	KM 126 - 100m W from the road	Caribou	1	Fleeing	Laurence Archambault	Stephanie Mercier	No action required
2019-05-19	8:00:00 AM	Whale Tail	KM 124 - 100m W from the road	Caribou	6	Grazing	Laurence Archambault	Stephanie Mercier	Monitored the area
2019-05-20	10:30:00 AM	Meadowbank	KM 110 - 40m W from the road	Caribou	31	Resting	Marilyne Arcand		No action required
2019-05-20	10:00:00 AM	Meadowbank	KM 117 - 1500m W from the road	Caribou	8	Grazing	Marilyne Arcand		No action required
2019-05-20	10:00:00 AM	Meadowbank	KM 123 - 500m W from the road	Caribou	11	Grazing	Marilyne Arcand		No action required

2019-05-20	10:00:00 AM	Meadowbank	KM 126 - 80m W from the road	Caribou	20	Grazing	Marilyne Arcand		No action required
2019-05-20	10:00:00 AM	Meadowbank	KM 128 - 1500 m W from the road	Caribou	7	Walking	Marilyne Arcand		No action required
2019-05-20	9:30:00 AM	Meadowbank	KM 130 - 100m W from the road	Caribou	7	Grazing	Marilyne Arcand		No action required
2019-05-20	9:30:00 AM	Meadowbank	KM 134 - 1000 m W from the road	Caribou	2	Walking	Marilyne Arcand		No action required
2019-05-20	9:30:00 AM	Meadowbank	KM 143 - 300m W from the road	Caribou	4	Running	Marilyne Arcand		No action required
2019-05-20	9:00:00 AM	Meadowbank	KM 147 - 150m W from the road	Caribou	8	Walking	Marilyne Arcand		No action required
2019-05-20	8:30:00 AM	Meadowbank	KM 159 - 100m W from the road	Caribou	8	Walking	Marilyne Arcand		No action required
2019-05-20	8:00:00 AM	Meadowbank	KM 113 - 50m W from the road	Caribou	55	Grazing	Isabelle Couture	Laurence Archambault	No action required
2019-05-20	8:00:00 AM	Meadowbank	KM 112 - 300m W from the road	Caribou	3	Grazing	Isabelle Couture	Laurence Archambault	No action required
2019-05-20	8:00:00 AM	Meadowbank	KM 111 - 150m W from the road	Caribou	6	Walking	Isabelle Couture	Laurence Archambault	No action required
2019-05-20	7:30:00 AM	Meadowbank	KM 110 - 30m W from the road	Caribou	24	Grazing	Isabelle Couture	Laurence Archambault	No action required
2019-05-21	5:00:00 PM	Meadowbank	KM 129 - 500m W from the road	Caribou	17	Resting	Cédric Parent	Gabriel Joedee	No action required
2019-05-21	3:00:00 PM	Meadowbank	KM 160 - 300m W from the road	Caribou	5	Walking	Cédric Parent	Gabriel Joedee	No action required
2019-05-21	2:30:00 PM	Meadowbank	KM 143 - 20m W from the road	Rough legged hawk	1	Flying	Cédric Parent	Gabriel Joedee	No action required
2019-05-21	2:00:00 PM	Meadowbank	KM 143 - 200m W from the road	Caribou	1	Immobile	Cédric Parent	Gabriel Joedee	No action required
2019-05-21	2:00:00 PM	Meadowbank	KM 139 - 300m W from the road	Caribou	3	Walking	Cédric Parent	Gabriel Joedee	No action required
2019-05-21	1:30:00 PM	Meadowbank	KM 128 - W from the road	Canada geese	20	Flying	Cédric Parent	Gabriel Joedee	No action required
2019-05-21	3:30:00 PM	Meadowbank	KM 17 - 150m E-W from the road	Sandhill cranes	3	Resting	Victor U.	Laurence Archambault	No action required
2019-05-21	2:30:00 PM	Meadowbank	KM 45 - 150m W from the road	Sandhill cranes	2	Resting	Victor U.	Laurence Archambault	No action required
2019-05-21	2:30:00 PM	Meadowbank	KM 52 - 350m W from the road	Caribou	11	Resting	Victor U.	Laurence Archambault	No action required
2019-05-21	11:30:00 AM	Meadowbank	KM 100 - 200m W from the road	Caribou	5	Resting	Victor U.	Laurence Archambault	No action required
2019-05-21	10:30:00 AM	Meadowbank	KM 61 - 350m W from the road	Caribou	6	Walking	Victor U.	Laurence Archambault	No action required
2019-05-21	10:30:00 AM	Meadowbank	KM 57 - 350m W from the road	Caribou	17	Walking	Victor U.	Laurence Archambault	No action required
2019-05-22	3:30:00 PM	Meadowbank	KM 126 - 200m W from the road	Caribou	15	Grazing	Laurence Archambault	Gabriel Joedee	No action required
2019-05-22	3:00:00 PM	Meadowbank	KM 131 - 350m W from the road	Caribou	34	Grazing	Laurence Archambault	Gabriel Joedee	No action required
2019-05-22	3:00:00 PM	Meadowbank	KM 132 - 200m W from the road	Caribou	3	Grazing	Laurence Archambault	Gabriel Joedee	No action required
2019-05-22	9:00:00 AM	Meadowbank	KM 111 -0m W from the road	Rough legged hawk	1	Flying	Laurence Archambault	Gabriel Joedee	No action required
2019-05-22	4:00:00 PM	Meadowbank	HOL 1 - 1500m W from the road	Caribou	20	Eating	Laurence Archambault	Gabriel Joedee	No action required
2019-05-22	12:00:00 PM	Whale Tail	By explo camp entrance	Fox	1	Sick or wounded	FL	JL	Monitored the area
2019-05-22	10:00:00 AM	Meadowbank	KM 111 - Around the road in the air	Rough legged hawk	1	Flying	Laurence Archambault	Gabriel Joedee	No action required
2019-05-22	5:30:00 PM	Meadowbank	H.O.L 1 - KM 118 - 1.5 KM W from the road	Caribou	20	Eating	Laurence Archambault	Gabriel Joedee	No action required
2019-05-23	4:30:00 PM	Meadowbank	Diversion ditch - Near taillings	Caribou	6	Crossing the road	Laurence Archambault	Gabriel Joedee	No action required
2019-05-23	4:00:00 PM	Meadowbank	Diversion ditch - Near NP2	Caribou	12	Grazing	Laurence Archambault	Gabriel Joedee	No action required
2019-05-23	8:00:00 AM	Meadowbank	KM 125 -500m W from the road	Caribou	10	Eating	Laurence Archambault	Gabriel Joedee	No action required
2019-05-23	1:00:00 PM	Meadowbank	KM 15	Wolf	1	pproaching the vehi	Paul Niego		No action required
2019-05-23	6:30:00 PM	Whale Tail	Whale Tail Haul Road KM 127	Caribou	12	Grazing	dispatch		No action required
2019-05-24	10:00:00 AM	Meadowbank	KM 121 - W from the road	Rough legged hawk	1	Flying	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	10:00:00 AM	Meadowbank	KM 136 - W from theroad	Caribou	1	Eating	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	9:00:00 AM	Meadowbank	KM 134 - 700m W from the road	Caribou	12	Grazing	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	9:00:00 AM	Meadowbank	KM 131 - E from the road	Rough legged hawk	1	Flying	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	9:00:00 AM	Meadowbank	KM 127 - 400m W from the road	Caribou	18	Resting	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	8:30:00 AM	Meadowbank	KM 117 - 5m E from the road	Arctic hare	1	Eating	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	11:00:00 AM	Meadowbank	KM 104 - 300m W from the road	Musk-ox	1	Walking	Laurence Archambault	Gabriel Joedee	No action required
2019-05-24	11:00:00 AM	Meadowbank	KM 104 - near the taillings at 150m W from the road	Caribou	17	Eating	Laurence Archambault	Gabriel Joedee	No action required
2019-05-25	11:00:00 AM	Meadowbank	KM 100	Caribou	8	Unknown	Paul - AEM driver		No action required
2019-05-25	3:30:00 PM	Meadowbank	KM 110 - 100m W from the road	Caribou	40	Grazing	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-25	6:30:00 PM	Meadowbank	KM 105 - 50m E from the road	Duck	4	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	6:30:00 PM	Meadowbank	KM 104 - 100m E from the road	Musk-ox	1	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	6:30:00 PM	Meadowbank	KM 104 - near the taillings at 150m W from the road	Caribou	18	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	6:30:00 PM	Meadowbank	KM 101 - 100m W from the road	Sandhill cranes	3	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	6:30:00 PM	Meadowbank	KM 98 - 50m W from the road	Rough legged hawk	1	Flying	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	6:00:00 PM	Meadowbank	KM 72 - 150m W from the road	Caribou	9	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	5:30:00 PM	Meadowbank	KM 53 - 15m E from the road	Sandhill cranes	1	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	5:30:00 PM	Meadowbank	Km 42 - 5m W from the road	Duck	1	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	5:30:00 PM	Meadowbank	Km 42 - 5m W from the road	Canada geese	2	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	5:00:00 PM	Meadowbank	KM 38 - crossing the road	Ptarmigan	1	Crossing the road	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	5:00:00 PM	Meadowbank	KM 26 - 10m E from the road	Arctic hare	2	Eating	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	5:00:00 PM	Meadowbank	KM 23 - 5m E from the road	Sandhill cranes	1	Walking	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	4:30:00 PM	Meadowbank	KM 5 - 20m W from hte road	Rough legged hawk	3	Flying	Laurence Archambault	Nicolas Sauciers	No action required
2019-05-25	8:30:00 AM	Meadowbank	KM 104 - near the taillings at 150m W from the road	Caribou	12	Resting	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-26	11:30:00 PM	Meadowbank	KM 124	Caribou	7	Crossing the road	Driver on the road		No action required
2019-05-26	8:00:00 PM	Meadowbank	Entrance of Whale Tail Haul Road - 150m from the road	Caribou	4		Driver on the road		No action required

2019-05-26	6:30:00 PM	Meadowbank	KM 127 - 30m from the road	Caribou	12	Walking	Driver on the road		No action required
2019-05-26	10:30:00 AM	Meadowbank	KM 93 - Close from the W side of the road	Caribou	45		Amy -Tremblay-Lemay		No action required
2019-05-26	10:30:00 AM	Meadowbank	Exploration camp	Caribou	10	Crossing the road	Amy -Tremblay-Lemay		No action required
2019-05-27	6:30:00 PM	Whale Tail	Whale Tail Haul Road KM 127 100ft	Caribou	12	Grazing	Dispatch		Monitored the area
2019-05-27	8:30:00 PM	Whale Tail	Vault laydown	Caribou	4	Grazing	Dispatch		No action required
2019-05-27	11:30:00 PM	Whale Tail	Whale Tail Haul Road KM 124	Caribou	7	Crossing the road	Dispatch		Monitored the area
2019-05-27	9:30:00 PM	Whale Tail	Whale Tail Haul Road KM 166	Grizzly	2	Running	Dispatch		Monitored the area
2019-05-27	3:30:00 PM	Meadowbank	KM 110 - 200m W from the road	Caribou	13	Grazing	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-27	8:00:00 AM	Meadowbank	KM 103 - 200m E from the road	Caribou	17	Resting	Laurence Archambault	Martin Archambault	No action required
2019-05-27	7:00:00 AM	Meadowbank	KM 101 - E from the road	Caribou			Driver on the road		No action required
2019-05-27	6:30:00 AM	Meadowbank	EMR hill north side	Caribou			Darren Cluett		No action required
2019-05-27	6:00:00 AM	Meadowbank	KM 60 - 75m W from the road	Caribou			Q-Sana driver Steve		No action required
2019-05-27	6:00:00 AM	Meadowbank	KM 100	Caribou			Ernie Lischinski		No action required
2019-05-28	4:30:00 PM	Meadowbank	KM 6 - Near gatehouse	Rough legged hawk	1	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:30:00 PM	Meadowbank	KM 12 - 100m W from the road	Sandhill cranes	2	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:30:00 PM	Meadowbank	KM 17 - 50m W from the road	Sandhill cranes	2	Resting	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:30:00 PM	Meadowbank	KM 17 - 100m W from the road	Canada geese	2	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:30:00 PM	Meadowbank	KM 20 - 50m W from the road	Sandhill cranes	2	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:00:00 PM	Meadowbank	KM 27 - 100m E from the road	Sandhill cranes	2	Resting	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:00:00 PM	Meadowbank	KM 28 - 100m W from the road	Sandhill cranes	16	Resting	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	4:00:00 PM	Meadowbank	KM 35 - 200m W from the road	Sandhill cranes	2	Walking	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	7:00:00 PM	Whale Tail	vault Laydown	Caribou	10	Grazing	Dispatch		Monitored the area
2019-05-28	3:30:00 AM	Meadowbank	KM 44 - In the sky	Rough legged hawk	2	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	3:30:00 PM	Meadowbank	KM 45 - 75m W from the road	Sandhill cranes	2	Immobile	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	3:00:00 PM	Meadowbank	KM 68 - 100m W from the road	Sandhill cranes	2	Walking	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	3:00:00 PM	Meadowbank	KM 69 - Quarry 16	Peregrine falcon	2	Observing	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	2:30:00 PM	Meadowbank	KM 85 - 1000m W from the road	Musk-ox	18	Walking	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	2:00:00 PM	Meadowbank	KM 105 - 200m W from the road	Caribou	34	Walking	Victor Utatnaq	Laurence Archambault	No action required
2019-05-28	12:00:00 PM	Meadowbank	KM 101 - 250m W from the road	Caribou	9	Walking	Victor Utatnaq		No action required
2019-05-28	10:30:00 AM	Meadowbank	KM 23 - 200m W from the road	Caribou	4	Grazing	Victor Utatnaq		No action required
2019-05-28	3:00:00 PM	Meadowbank	KM 130 - 300m W from the road	Caribou	10	Resting	Gabriel Joedee	Joe Angotinguas	No action required
2019-05-28	9:00:00 PM	Meadowbank	Vault entrance of AMQ Road	Caribou	10		Driver on the road		No action required
2019-05-28	4:30:00 PM	Meadowbank	KM 105 - Going west bound	Wolverine	1	Running	Wamy Kreelak		No action required
2019-05-28	8:00:00 AM	Meadowbank	KM 101 - 200m W from the road	Musk-ox	4	Grazing	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-28	6:30:00 PM	Meadowbank	KM 73 - 700m W from the road	Caribou	20	Resting	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-28	6:00:00 PM	Meadowbank	KM 65 - 350m W from the road	Caribou	15	Resting	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-28	10:30:00 AM	Meadowbank	KM 14	Wolf	2	Crossing the road	Deno Stagg		No action required
2019-05-29	6:30:00 PM	Meadowbank	KM 117 - 400m W from the road	Caribou	7	Eating	Gabriel Joedee	Joe Angotinguar	No action required
2019-05-29	6:00:00 PM	Meadowbank	KM 126 - 75m W from the road	Caribou	16	Eating	Gabriel Joedee	Joe Angotinguar	No action required
2019-05-29	3:30:00 PM	Meadowbank	KM 136 - 300m W from the road	Caribou	12	Resting	Gabriel Joedee	Joe Angotinguar	No action required
2019-05-29	12:00:00 PM	Meadowbank	KM 151 - 600m W from the road	Caribou	7	Resting	Gabriel Joedee	Joe Angotinguar	No action required
2019-05-29	11:30:00 AM	Meadowbank	KM 131 - 500m W from the road	Caribou	30	Resting	Gabriel Joedee	Joe Angotinguar	No action required
2019-05-29	10:30:00 PM	Meadowbank	KM 127 - 400m W from the road	Caribou	25	Eating	Gabriel Joedee	Joe Angotinguar	No action required
2019-05-29	4:00:00 PM	Meadowbank	KM 104- Near tailings, going on the lake	Wolf	1	Walking	Laurence Archambault	Emilie Fouilloux	No action required
2019-05-29	9:30:00 AM	Whale Tail	Whale Tail camp	Wolf	1	Walking	Louis Dubois		Deterred. Successful
2019-05-29	11:00:00 AM	Meadowbank	KM 86	Wolf	1		Wamy Kreelak	Aaron Parker	No action required
2019-05-29	11:00:00 AM	Meadowbank	KM 104 - Near tailings	Caribou	20	Grazing	Laurence Archambault	Mike Allard	No action required
2019-05-29	9:00:00 AM	Meadowbank	KM 81 - 100m W from the road	Caribou			Driver on the road		No action required
2019-05-30	2:00:00 PM	Meadowbank	Landfill	Wolf	1	Eating	Nicolas S		Deterred. Successful
2019-05-30	7:00:00 PM	Whale Tail	Explo drill by road 7	Wolf	1		Driller Orbit garant		Monitored the area
2019-05-30	2:00:00 AM	Whale Tail	Explo drill#2 12km from Whale Tail	Caribou	10	Running	Exploration driller		No action required
2019-05-30	2:00:00 AM	Whale Tail	Explo drill#2 12km from Whale Tail	Wolf	1	Running	Exploration driller		No action required
2019-05-30	3:00:00 AM	Whale Tail	Explo drill #2 12 km North	Grizzly	1	Walking	Exploration driller		No action required
2019-05-31	5:30:00 PM	Meadowbank	KM37	Peregrine falcon	1	Observing	Emilie F	Stephanie M	No action required
2019-05-31	4:40:00 PM	Meadowbank	KM44	Peregrine falcon	2	Observing	Emilie F	Stephanie M	No action required
2019-05-31	4:15:00 PM	Meadowbank	KM43	Peregrine falcon	2	Observing	Emilie F	Stephanie M	No action required
2019-05-31	7:10:00 PM	Meadowbank	km 86	Musk-ox	20	Resting	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	2:42:00 PM	Meadowbank	km 59	Caribou	4	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	2:35:00 PM	Meadowbank	km 59	Caribou	20	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	2:35:00 PM	Meadowbank	km 60	Caribou	20	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	2:22:00 PM	Meadowbank	km 63	Caribou	6	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	2:21:00 PM	Meadowbank	km 66	Caribou	13	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	2:34:00 PM	Meadowbank	km 102	Caribou	6	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	12:21:00 PM	Meadowbank	km 101	Caribou	7	Walking	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	11:43:00 AM	Meadowbank	km 67	Caribou	9	Walking	Stephanie Mercier	Emilie Fouilloux	

2019-05-31	10:15:00 AM	Meadowbank	km 2	Caribou	20	Resting	Stephanie Mercier	Emilie Fouilloux	
2019-05-31	9:30:00 PM	Meadowbank	Landfill	Wolverine	1	Eating	Nicolas S		Deterred. Successful
2019-05-31	11:30:00 AM	Whale Tail	South of WRSF	Rough legged hawk	1	Flying	Kevin Martee	FL, LD	No action required
JUNE 2019									
2019-06-01	11:40:00 AM	Meadowbank	KM 99	Peregrine falcon	1	Resting	Emilie F	Stephanie M	No action required
2019-06-01	11:30:00 AM	Meadowbank	KM 93	Peregrine falcon	1	Observing	Emilie F	Stephanie M	No action required
2019-06-01	11:50:00 AM	Meadowbank	Around the fresh water barge	Caribou	8	Resting	Emilie F	Stephanie M	No action required
2019-06-01	11:26:00 AM	Meadowbank	KM 93	Caribou	12	Fleeing	Emilie F	Stephanie M	No action required
2019-06-01	11:16:00 AM	Meadowbank	KM 84	Musk-ox	15	Grazing	Emilie F	Stephanie M	No action required
2019-06-01	11:00:00 AM	Meadowbank	KM 69	Rough legged hawk	2	Fleeing	Emilie F	Stephanie M	No action required
2019-06-01	10:30:00 AM	Meadowbank	KM 49	Rough legged hawk	1	Observing	Emillie F	Stephanie M	No action required
2019-06-02	2:30:00 PM	Whale Tail	Whale tail Dike	Peregrine falcon	1	Flying	Fanny L	Louis D	No action required
2019-06-04		Meadowbank	km 129	Caribou	9		EF	MK	No action required
2019-06-04		Meadowbank	km 129	Caribou	6		EF	MK	No action required
2019-06-04		Meadowbank	km 171	Caribou	3		MK	EF	No action required
2019-06-04		Meadowbank	km 131	Caribou	9		EF	MK	No action required
2019-06-04		Meadowbank	km 37	Caribou	14		MBA	SM	No action required
2019-06-04		Meadowbank	km 72	Caribou	1		MBA	SM	No action required
2019-06-04		Meadowbank	km 74	Caribou	22		MBA	SM	No action required
2019-06-04		Meadowbank	km 79	Sandhill cranes	2		MBA	SM	No action required
2019-06-04		Meadowbank	km 83	Caribou	1		MBA`	SM	No action required
2019-06-04		Meadowbank	KM 88	Sandhill cranes	1		MBA	SM	No action required
2019-06-04		Meadowbank	km 97	Caribou	5		MBA	SM	No action required
2019-06-06	3:00:00 PM	Meadowbank	North pit	Raven	2	Flying	Jamie Kataluk	Isabelle Tetrault	No action required
2019-06-06	2:00:00 PM	Meadowbank	Vault pit	Rough legged hawk	1	Flying	Jamie Kataluk	Isabelle Tetrault	No action required
2019-06-06	2:00:00 PM	Meadowbank	Vault pit	Peregrine falcon	2	Flying	Jamie Katal uk	Isabelle Tetrault	No action required
2019-06-06	8:30:00 AM	Meadowbank	Top of RSF	Wolf	1	Fleeing	Jonathan Pameolik	Mickael Buttet-Allard	Monitored the area
2019-06-06	9:40:00 AM	Meadowbank	Tailings road	Wolf	1	Walking	Emilie Fouilloux	Jamie Kataluk	No action required
2019-06-06	10:00:00 AM	Meadowbank	Lake near the airstrip (west extension)	Wolverine	1	Running	Emilie Fouilloux	Jamie Kataluk	No action required
2019-06-06	9:30:00 AM	Meadowbank	Tailings road	Wolverine	1	Running	Emilie Fouilloux	Jamie Kataluk	No action required
2019-06-06	9:30:00 AM	Meadowbank	Vault road	Caribou	9	Fleeing	Emilie Fouilloux	Jamie Kataluk	No action required
2019-06-07		Meadowbank	Quarry 16	Peregrine falcon	1		SM	TT	No action required
2019-06-07		Meadowbank	Quarry 9	Peregrine falcon	2		SM	TT	No action required
2019-06-07		Meadowbank	Quarry 3	Peregrine falcon	1		Sm	TT	No action required
2019-06-07		Meadowbank	AWAR km 102	Arctic hare	1		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 86	Musk-ox	4		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 77	Canada geese	2		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km	Caribou	4		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 70	Caribou	4		SM	TT	No action required
2019-06-07		Meadowbank	AWAr km 69	Caribou	11		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 64	Caribou	4		SM	TT	No action required
2019-06-07		Meadowbank	AWAR	Canada geese	2		Sm	TT	No action required
2019-06-07		Meadowbank	AWAR km 63	Sandhill cranes	2		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 55	Caribou	4		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 25	Sandhill cranes	2		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 21	Snow geese	25		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 23	Caribou	12		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 31	Caribou	4		SM	TT	No action required
2019-06-07		Meadowbank	AWAR km 83	Heron	2		mg		No action required
2019-06-07		Meadowbank	AWAR km 84	Caribou	3		mg		No action required
2019-06-07		Meadowbank	AWAR km 84	Heron	1		mg		No action required
2019-06-07		Meadowbank	AWAR km 85	Arctic hare	1		mg		No action required
2019-06-07		Meadowbank	AWAR km 86	Arctic hare	1		MG		No action required
2019-06-07		Meadowbank	AWAR 86	Heron	2		MG		No action required
2019-06-07		Meadowbank	AWAR km 87	Rough legged hawk	1		MG		No action required
2019-06-07		Meadowbank	AWAR km 89	Heron	1		MG		No action required
2019-06-07		Meadowbank	AWAR km 90	Arctic hare	1		MG		No action required
2019-06-07		Meadowbank	AWAR km 92	Canada geese	2		MG		No action required
2019-06-07		Meadowbank	AWAR km 94 Quarry 21	Peregrine falcon	2		MG		No action required
2019-06-07		Meadowbank	AWAR km 95	Duck	2		MG		No action required
2019-06-07		Meadowbank	AWAR km 95	Sandhill cranes	1		MG		No action required
2019-06-07		Meadowbank	AWAR km 98	Peregrine falcon	2		MG		No action required
2019-06-07		Meadowbank	AWAR km 99	Rough legged hawk	1		MG		No action required
2019-06-07	12:36:00 PM	Meadowbank	AWAR km 103	Arctic hare	1		MG		No action required
2019-06-07	12:00:00 AM	Meadowbank	Between assay lab and lake to east	Caribou	7	Grazing	JP/IT/MBA		No action required

2019-06-07	9:30:00 AM	Meadowbank	South of the vault laydown	Caribou	11	Grazing	Jonathan Pameolik	SM/IT	No action required
2019-06-08	7:30:00 AM	Whale Tail	14W 608704 7254538	Caribou	23	Observing	Louis Dubois	Samuel Tapp	Monitored the area
2019-06-11	4:30:00 PM	Meadowbank	KM 45 - 100m E from the road	Arctic hare	1	Running	M.A		No action required
2019-06-11	4:30:00 PM	Meadowbank	KM 35 - 100m W from the road	Arctic hare	2	Running	M.A		No action required
2019-06-11	1:30:00 PM	Meadowbank	KM 15 - 500m E from the road	Caribou	6	Grazing	Victor U.	M.A	No action required
2019-06-11	1:30:00 PM	Meadowbank	KM 70 - 350m W from the road	Caribou	5	Grazing	Victor U.	M.A	No action required
2019-06-11	1:30:00 PM	Meadowbank	KM 79 - 350m E from the road	Caribou	4	Walking	Victor U.	M.A	No action required
2019-06-11	1:00:00 PM	Meadowbank	KM 84 - 250m W from the road	Sandhill cranes	9	Resting	Victor U.	M.A	No action required
2019-06-11	11:00:00 AM	Meadowbank		Caribou	3	Grazing	Victor U.		No action required
2019-06-11	10:00:00 AM	Meadowbank		Caribou	9	Grazing	Victor U.		No action required
2019-06-14	4:30:00 PM	Meadowbank	KM 143 - 10m E from the road	Arctic hare	1	Eating	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	4:30:00 PM	Meadowbank	KM 143 - 150m E from the road	Caribou	1	Eating	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	4:00:00 PM	Meadowbank	KM 168 - W from the road	Canada geese	4	Flying	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	4:00:00 PM	Meadowbank	KM 173 - E from the road	Canada geese	9	Flying	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	3:00:00 PM	Meadowbank	KM 172 - >1000m E from the road	Canada geese	16	Flying	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	3:00:00 PM	Meadowbank	KM 166 - >1000m E from the road	Canada geese	11	Flying	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	3:00:00 PM	Meadowbank	KM 159 - 10m E from the road	Ptarmigan	2	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:30:00 PM	Meadowbank	KM 156 - 5m E from the road	Ptarmigan	2	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:30:00 PM	Meadowbank	KM 154 - 5m E from the road	Ptarmigan	2	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:30:00 PM	Meadowbank	KM 149 - 45m E from the road	Ptarmigan	1	Flying	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:00:00 PM	Meadowbank	KM 137 - 15m W from the road	Ptarmigan	2	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:00:00 PM	Meadowbank	KM 137 - Crossing the road E to W	Arctic hare	1	Running	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:00:00 PM	Meadowbank	KM 132 - 5m W from the road	Ptarmigan	1	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:00:00 PM	Meadowbank	KM 130 - 0m e from the road	Ptarmigan	1	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	2:00:00 PM	Meadowbank	KM 127 - 200m E from the road	Ptarmigan	1	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	1:30:00 PM	Meadowbank	KM 126 - 0m W from the road	Ptarmigan	1	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-14	1:30:00 PM	Meadowbank	KM 126 - 200m E from the road	Ptarmigan	1	Immobile	Laurence Archambault	Isabelle Thétrault	No action required
2019-06-17	7:30:00 AM	Whale Tail	WTHR road KM 138 500ft	Caribou	3		Dispatch		No action required
2019-06-17	7:30:00 AM	Meadowbank	KM 138 - 150m from the road	Caribou	3		Driver on the road		No action required
2019-06-18	10:00:00 AM	Meadowbank	KM 38 - 500m W from the road	Caribou	4	Eating	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:30:00 AM	Meadowbank	KM 62 - 5m W from the road	Duck	2	Swimming	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:30:00 AM	Meadowbank	KM 62 - 5m E from the road	Sandhill cranes	1	Flying	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:30:00 AM	Meadowbank	KM 77 - 15m W from the road	Ptarmigan	1	Resting	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:00:00 AM	Meadowbank	KM 88 - 5m E from the road	Duck	1	Swimming	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:30:00 AM	Meadowbank	KM 80 - 5m W from the road	Sandhill cranes	1	Flying	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:00:00 AM	Meadowbank	KM 87 - crossing the road	Sandhill cranes	1	Crossing the road	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:00:00 AM	Meadowbank	KM 88 - 5m E from the road	Canada geese	7	Swimming	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:00:00 AM	Meadowbank	KM 96 - 800m W from the road	Caribou	4	Eating	Isabelle Couture	Laurence Archambault	No action required
2019-06-18	9:00:00 AM	Meadowbank	KM 99 - 100m W from the road	Musk-ox	1	Eating	Isabelle Couture	Laurence Archambault	No action required
2019-06-19	8:00:00 PM	Meadowbank	Near exploration camp	Musk-ox	1		AFS driver Colin		No action required
2019-06-20	4:30:00 PM	Meadowbank	KM 105 - >1000 m E from the road	Caribou	2	Walking	Laurence Archambault	Emilie Fouilloux	No action required
2019-06-20	10:30:00 AM	Meadowbank	Near NP-1 Lake and Old Sana Crusher	Wolf	1	Fleeing	Laurence Archambault	Nicolas Sauciers	No action required
2019-06-21	2:00:00 PM	Meadowbank	KM 29 - 100m W from the road	Musk-ox	1	Eating	Victor U.	Laurence Archambault	No action required
2019-06-21	2:00:00 PM	Meadowbank	KM 37 - 100m E from the road	Duck	6	Swimming	Victor U.	Laurence Archambault	No action required
2019-06-21	2:00:00 PM	Meadowbank	KM 37 - W from the road	Rough legged hawk	2	Flying	Victor U.	Laurence Archambault	No action required
2019-06-21	1:30:00 PM	Meadowbank	KM 41 - 50m W from the road	Musk-ox	1	Eating	Victor U.	Laurence Archambault	No action required
2019-06-21	1:30:00 PM	Meadowbank	KM 70 - 100m W from the road	Caribou	1	Walking	Victor U.	Laurence Archambault	No action required
2019-06-21	1:00:00 PM	Meadowbank	KM 80 - 1000m E from the road	Caribou	2	Eating	Victor U.	Laurence Archambault	No action required
2019-06-21	12:30:00 PM	Meadowbank	KM 80 - 50m W from the road	Canada geese	5	Walking	Victor U.	Laurence Archambault	No action required
2019-06-21	12:30:00 PM	Meadowbank	KM 93 - 50m W from the road	Canada geese	2	Walking	Victor U.	Laurence Archambault	No action required
2019-06-21	10:30:00 AM	Meadowbank	KM 65 - 200m W from the road	Caribou	3	Eating	Victor U.		No action required
2019-06-21	10:30:00 AM	Meadowbank	KM 56 - 100m E from the road	Arctic hare	1	Eating	Victor U.		No action required
2019-06-21	10:00:00 AM	Meadowbank	KM 35 - 200m W from the road	Caribou	2	Eating	Victor U.		No action required
2019-06-21	5:00:00 PM	Meadowbank	KM 101 - 0m E from the road	Musk-ox	4	Eating	Laurence Archambault		No action required
2019-06-21	4:30:00 PM	Meadowbank	KM 86 - 500m E from the road going north	Caribou	3	Running	Laurence Archambault		No action required
2019-06-22	8:30:00 AM	Meadowbank	Near incinerator	Wolf	1	Walking	Laurence Archambault	Nicolas Sauciers	Deterred. Successful
2019-06-23	2:30:00 PM	Whale Tail	WTHR road KM 135	Musk-ox	1		Dispatch		No action required
2019-06-23	10:00:00 AM	Whale Tail	WTHR road KM 168 200ft east	Caribou	1		Dispatch		Monitored the area
2019-06-23	10:00:00 AM	Meadowbank	KM 168 - 60m E from the road	Caribou	1		Driver on the road		No action required
2019-06-23	11:00:00 AM	Meadowbank	Vault road between ST-16 and NP-2 South	Musk-ox	1	Resting	Emilie Fouilloux		No action required
2019-06-24	9:00:00 AM	Whale Tail	WTHR road KM 133 100ft	Caribou	25		Dispatch		Monitored the area
2019-06-24	8:30:00 AM	Whale Tail	WTHR road KM 150	Wolf	1		Dispatch		Monitored the area
2019-06-24	8:30:00 AM	Meadowbank	KM 150 - Quarry	Wolf	1		Driver on the road		No action required
2019-06-24	9:00:00 AM	Meadowbank	KM 133 - 30m from the road	Caribou	25		Driver on the road		No action required

2019-06-25	8:50:00 AM	Meadowbank	AWAR at km 96	Caribou	4	Grazing	Nicolas Saucier	Isabelle Couture	No action required
2019-06-25	3:30:00 PM	Meadowbank	KM 7 - 20m W from the road	Sandhill cranes	2	Walking	Victor Utatnaq	Laurence Archambault	No action required
2019-06-25	3:00:00 PM	Meadowbank	KM 26 - 5m W from the road	Arctic hare	1	Immobile	Victor Utatnaq	Laurence Archambault	No action required
2019-06-25	2:30:00 PM	Meadowbank	KM 57 - E side of the road	Rough legged hawk	1	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-06-25	2:00:00 PM	Meadowbank	KM 63 - 200m E from the road	Sandhill cranes	1	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-06-25	2:00:00 PM	Meadowbank	KM 72 -300m E from the road	Musk-ox	1		Victor Utatnaq	Laurence Archambault	No action required
2019-06-25	11:00:00 AM	Meadowbank	KM 81 - 250m W from the road	Caribou	1	Eating	Victor Utatnaq		No action required
2019-06-25	10:00:00 AM	Meadowbank	KM 86 - 350m W from the road	Caribou	6	Eating	Victor Utatnaq		No action required
2019-06-25	7:30:00 AM	Whale Tail	WTHR road 160 200ft	Caribou	12		Dispatch		Monitored the area
2019-06-25	7:00:00 AM	Whale Tail	WTHR road KM 138	Caribou	12		Dispatch		No action required
2019-06-25	6:00:00 AM	Whale Tail	WTHR road Km 129 50 ft	Caribou	6		Dispatch		No action required
2019-06-25	6:00:00 AM	Whale Tail	WTHR road KM 135 20ft	Caribou	15		Dispatch		Monitored the area
2019-06-25	7:30:00 AM	Meadowbank	KM 160 - 60m from the road	Caribou	12		Driver on the road		No action required
2019-06-25	6:00:00 AM	Meadowbank	KM 129 - 15m from the road	Caribou	6		Driver on the road		No action required
2019-06-25	6:00:00 AM	Meadowbank	KM 134-135 - 6m from the road	Caribou	15		Driver on the road		No action required
2019-06-25	8:15:00 AM	Whale Tail	WTHR road - km 138	Caribou	12	Resting	Emilie Fouilloux	Martin Archambault	No action required
2019-06-26	5:00:00 PM	Meadowbank	KM 138 - 250m W from the road	Musk-ox	2	Eating	Laurence Archambault	Martin Kreelak	No action required
2019-06-26	2:30:00 PM	Whale Tail	WTHR road KM 138 100m	Musk-ox	2		Dispatch		No action required
2019-06-27	6:30:00 PM	Whale Tail	Drill Orbit garant	Wolf	1		Orbit driller		Monitored the area
2019-06-27	3:00:00 PM	Whale Tail	WT kitchen loading dock	Fox	1	Running	Kitchen supervisor		Monitored the area but no sight
2019-06-27	9:00:00 AM	Whale Tail	WTHR road KM 138	Musk-ox	1	Grazing	Jesse Clark		No action required
2019-06-27	8:30:00 AM	Whale Tail	WTHR road KM 159 500m.	Musk-ox	1	Grazing	Fanny Laporte		Monitored the area
2019-06-27	8:00:00 AM	Whale Tail	WHTR road KM 175	Caribou	5	Grazing	Fanny Laporte		No action required
2019-06-28	8:50:00 AM	Whale Tail	WTHR road at km 139	Wolf	1	Walking	Emilie Fouilloux	Martin Kreelak	No action required
2019-06-28	8:30:00 AM	Whale Tail	WTHR road at km 133	Musk-ox	2	Eating	Emilie Fouilloux	Martin Kreelak	No action required
2019-06-29	2:00:00 PM	Whale Tail	WTHR new kitchen	Fox	2	Running	Michael Gosselin		Monitored the area but no sight
2019-06-30	3:00:00 PM	Whale Tail	WTHR road KM 144	Wolf	6	Walking	road operator		Monitored the area
2019-06-30	3:00:00 PM	Whale Tail	WTHR road KM 154	Wolf	1	Walking	road user		No action required
2019-06-30	3:30:00 PM	Whale Tail	WHTR road KM 143	Wolf	1	Walking	dispatch report		Monitored the area
2019-06-30	3:30:00 PM	Meadowbank	Near Exploration camp MBK	Musk-ox	2	Grazing	Emilie Fouilloux	Stephanie Mercier	No action required
2019-06-30	2:16:00 PM	Meadowbank	AWAR at km 33	Musk-ox	1	Resting	Emilie Fouilloux	Stephanie Mercier	No action required
2019-06-30	1:50:00 PM	Meadowbank	AWAR at km 14	Musk-ox	1	Resting	Emilie Fouilloux	Stephanie Mercier	No action required
2019-06-30	8:30:00 AM	Meadowbank	AWAR at km 45	Fox	1	Observing	Emilie Fouilloux	Stephanie Mercier	No action required
JULY 2019									
2019-07-01	2:30:00 AM	Meadowbank	Landfill	Wolf	1	Observing	Nicolas S	Emilie F	Deterred. Successful
2019-07-01	8:00:00 AM	Whale Tail	WTHR KM131 100ft	Musk-ox	2	Grazing	Dispatch report		Monitored the area
2019-07-02	2:55:00 PM	Meadowbank	AWAR KM 27	Musk-ox	2		MBA	EF	No action required
2019-07-02	10:15:00 AM	Meadowbank	AWAR KM 12	Rough legged hawk	1		MBA	EF	No action required
2019-07-02	10:15:00 AM	Meadowbank	AWAR KM 14	Musk-ox	1		MBA	EF	No action required
2019-07-02	4:27:00 PM	Meadowbank	AWAR KM 101	Musk-ox	2		MBA	EF	No action required
2019-07-02	3:16:00 PM	Meadowbank	AWAR KM 46	Rough legged hawk	1		MBA	EF	No action required
2019-07-03	3:30:00 PM	Whale Tail	WTHR KM 126	Caribou	20	Crossing the road	Dispatch		Monitored the area
2019-07-05	3:07:00 PM	Meadowbank	AWAR KM 12	Sandhill cranes	2		MA	VU	No action required
2019-07-05	2:41:00 PM	Meadowbank	AWAR KM 30	Arctic hare	1		MA	VU	No action required
2019-07-05	1:15:00 PM	Meadowbank	AWAR KM 72	Sandhill cranes	1		MA	VU	No action required
2019-07-05	1:21:00 PM	Meadowbank	AWAR KM 84	Peregrine falcon	1		MA	VU	No action required
2019-07-05	12:55:00 PM	Meadowbank	AWAR KM 100	Musk-ox	2		MA	VU	No action required
2019-07-05	12:53:00 PM	Meadowbank	AWAR KM 104	Fox	1		MA	VU	No action required
2019-07-05	10:10:00 AM	Meadowbank	AWAR KM 47	Musk-ox	1		MA	VU	No action required
2019-07-05	9:30:00 AM	Whale Tail	WTHR KM143	Caribou	3	Walking	Marilyne Arcand		No action required
2019-07-05	1:00:00 PM	Meadowbank	AWAR	Peregrine falcon			Stephanie Mercier	Isabelle Tétrault	No action required
2019-07-09	7:00:00 PM	Whale Tail	WTHR KM 123	Musk-ox	13	Grazing	Marilyne Arcand		Monitored the area
2019-07-10	7:30:00 AM	Whale Tail	WTHR KM 123	Musk-ox	22	Grazing	Marilyne Arcand		Monitored the area
2019-07-12	6:30:00 AM	Whale Tail	WTHR KM 119 100ft	Musk-ox	2	Grazing	Dispatch		Monitored the area
2019-07-12	10:00:00 AM	Whale Tail	WTHR KM 133	Caribou	1	Crossing the road	Dispatch		Monitored the area
2019-07-12	2:30:00 PM	Whale Tail	WTHR KM 140 100ft	Musk-ox	2	Grazing			Monitored the area
2019-07-12	4:00:00 PM	Whale Tail	WTHR KM 140	Musk-ox	2	Grazing	Marilyne Arcand		No action required
2019-07-12	11:30:00 AM	Meadowbank	AWAR KM 53 East side	Wolf	1	Walking	Blair Templeman		No action required
2019-07-12	3:00:00 PM	Meadowbank	AWAR KM 18 - 200m E from the road	Musk-ox	1	Eating	Victor Utatnaq	Félix Harvey	No action required
2019-07-12	2:30:00 PM	Meadowbank	AWAR KM 32 - 300m E from the road	Musk-ox	1	Eating	Victor Utatnaq	Félix Harvey	No action required
2019-07-12	2:00:00 PM	Meadowbank	AWAR KM 50	Peregrine falcon	1	Flying	Victor Utatnaq	Félix Harvey	No action required
2019-07-12	11:00:00 AM	Meadowbank	AWAR KM 105 - 200m W from the road	Musk-ox	1	Eating	Victor Utatnaq		No action required
2019-07-12	9:30:00 AM	Meadowbank	AWAR KM 19 - E from the road	Musk-ox	4	Crossing the road	Victor Utatnaq		No action required
2019-07-12	2:30:00 PM	Whale Tail	WTHR KM 140 - 30m from the road	Musk-ox	2		Driver on the road		No action required

2019-07-12	11:30:00 AM	Meadowbank	AWAR KM 53 - W from the road	Wolf	1		Blair Templeman		No action required
2019-07-12	10:30:00 AM	Whale Tail	AWAR KM 105	Musk-ox	2		Ronnie Pleadwell		No action required
2019-07-12	10:00:00 AM	Whale Tail	AWAR KM 133	Caribou	1	Crossing the road	Driver on the road		No action required
2019-07-12	9:30:00 AM	Meadowbank	AWAR KM 20 - W of the road	Musk-ox	4	Walking	David Kautaq		No action required
2019-07-12	9:00:00 AM	Meadowbank	Near exploration camp	Caribou	1		Paul Niego		No action required
2019-07-12	6:30:00 AM	Whale Tail	WTHR KM 119 - 30m from the road	Musk-ox	2		Driver on the road		No action required
2019-07-13	12:30:00 PM	Whale Tail	WTHR KM 169	Musk-ox	4		Marilyne Arcand		No action required
2019-07-13	11:00:00 AM	Whale Tail	WTHR KM 117	Musk-ox	2	Grazing	Marilyne Arcand		No action required
2019-07-13	4:00:00 PM	Whale Tail	WTHR KM 116 - near road	Musk-ox	2		Driver on the road		No action required
2019-07-13	9:30:00 AM	Meadowbank	AWAR KM 50	Arctic hare	1	Dead	Michael Azaransky		Monitored the area
2019-07-14	1:30:00 PM	Meadowbank	AWAR KM 109	Musk-ox	2	Unknown	Dominic (dispatch)		No action required
2019-07-14	9:00:00 AM	Meadowbank	Switchback	Musk-ox	1	Eating	Glen McLean		No action required
2019-07-14	10:00:00 AM	Meadowbank	AWAR KM 77 - 45m E from the road	Wolf	1	Walking	Luc Provencher		No action required
2019-07-14	10:30:00 AM	Meadowbank	AWAR KM 34	Musk-ox	1	Eating	Wamy Kreelak		No action required
2019-07-14	11:00:00 AM	Meadowbank	AWAR KM 104 East side	Caribou	1	Walking	Marion		No action required
2019-07-15	7:00:00 AM	Whale Tail	WTHR KM 133	Caribou	1		Dispatch		Monitored the area
2019-07-15	10:00:00 AM	Whale Tail	WTHR KM 140	Caribou	2	Crossing the road	Dispatch		Monitored the area
2019-07-15	11:00:00 PM	Meadowbank	AWAR KM 15	Musk-ox	2	Walking	Peter Tapatai		No action required
2019-07-15	8:00:00 PM	Meadowbank	EMR blind hill	Musk-ox	2	Kaitlyn from Training Department			No action required
2019-07-16	9:30:00 AM	Whale Tail	WTHR KM 143	Peregrine falcon	1	Resting	Samuel Tapp	Mathieu Gelinas	No action required
2019-07-16	2:00:00 PM	Whale Tail	WTHR KM 127	Caribou	1	Crossing the road	Dispatch		Monitored the area
2019-07-17	9:00:00 AM	Whale Tail	WTHR KM 145	Caribou	1	Grazing	Dispatch		Monitored the area
2019-07-17	9:00:00 AM	Whale Tail	WTHR KM 165	Caribou	1	Grazing	Dispatch		Monitored the area
2019-07-17	12:30:00 PM	Whale Tail	WTHR KM 169	Caribou	1	Crossing the road	Dispatch		Monitored the area
2019-07-17	1:00:00 PM	Whale Tail	WTHR KM 133	Caribou	1	Crossing the road	dispatch		Monitored the area
2019-07-17	4:00:00 PM	Meadowbank	AWAR KM 110 - 300m W from the road	Caribou	1	Grazing	Laurence Archambault	Félix Harvey	No action required
2019-07-18	4:30:00 PM	Whale Tail	WTHR KM 170	Caribou	2	Walking	M.G.	J.P.	No action required
2019-07-18	2:30:00 PM	Whale Tail	WTHR KM 129	Sandhill cranes	1	Eating	M.G.	J.P.	No action required
2019-07-18	2:30:00 PM	Whale Tail	WTHR KM 129	Caribou	1	Grazing	M.G.	J.P.	No action required
2019-07-18	3:30:00 PM	Whale Tail	WTHR KM 171	Caribou	1	Crossing the road	Dispatch report		Monitored the area
2019-07-18	8:00:00 PM	Meadowbank	AWAR KM 74	Caribou	1	Crossing the road	Pascal sana driver		No action required
2019-07-18	1:00:00 PM	Meadowbank	Road near EMR	Musk-ox	1	Grazing	Emilie Fouilloux	Laurence Archambault	No action required
2019-07-19	12:00:00 PM	Whale Tail	WTHR KM 110	Musk-ox	3	Walking	M.G.	J.P.	No action required
2019-07-19	12:00:00 PM	Whale Tail	WTHR KM 113	Fox	1	Walking	M.G.	J.P.	No action required
2019-07-19	9:00:00 AM	Whale Tail	WTHR KM 151	Arctic hare	1	Walking	M.G.	J.P.	No action required
2019-07-19	10:14:00 AM	Meadowbank	AWAR KM 43	Bald eagle	1	Observing	Victor Utatnaq		No action required
2019-07-19	2:10:00 PM	Meadowbank	AWAR KM 22	Arctic hare	1	Walking	Victor Utatnaq	Laurence Archambault	Monitored the area
2019-07-19	2:10:00 PM	Meadowbank	AWAR KM 23	Arctic hare	1	Observing	Victor Utatnaq	Laurence Archambault	No action required
2019-07-19	2:07:00 PM	Meadowbank	AWAR KM 27	Musk-ox	2	Grazing	Victor Utatnaq	Laurence Archambault	No action required
2019-07-19	1:57:00 PM	Meadowbank	AWAR	Sandhill cranes	2	Walking	Victor Utatnaq	Laurence Archambault	No action required
2019-07-19	1:37:00 PM	Meadowbank	AWAR	Rough legged hawk	1	Flying	Victor Utatnaq	Laurence Archambault	No action required
2019-07-19	12:41:00 PM	Meadowbank	AWAR	Musk-ox	2	Mating	Victor Utatnaq	Laurence Archambault	No action required
2019-07-19	12:40:00 PM	Meadowbank	AWAR	Peregrine falcon	1	Flying	Victor Utatnaq		No action required
2019-07-19	11:27:00 AM	Meadowbank	AWAR	Musk-ox	1	Grazing	Victor Utatnaq		No action required
2019-07-19	10:18:00 AM	Meadowbank	AWAR	Musk-ox	1	Resting	Victor Utatnaq		No action required
2019-07-19	9:40:00 AM	Meadowbank	AWAR	Musk-ox	3	Grazing	Victor Utatnaq		No action required
2019-07-19	2:30:00 PM	Meadowbank	Beginning of Vault road behind RSF 300m W	Musk-ox	11	Resting	Fanny Laporte	Mathieu Gelinas	Monitored the area
2019-07-19	5:00:00 PM	Meadowbank	By china sump	Wolf	1	Walking	Robert Denis		Monitored the area but no sight
2019-07-19	5:00:00 PM	Whale Tail	WTHR KM 141	Caribou	1	Crossing the road	Dispatch		Monitored the area
2019-07-19	9:00:00 AM	Meadowbank	Vault laydown	Musk-ox	15	Grazing	Dispatch report		Monitored the area
2019-07-19	7:00:00 AM	Meadowbank	Vault road entrance	Musk-ox	15	Unknown	Jeremy Cousin		No action required
2019-07-20	2:30:00 PM	Meadowbank	Y intersection	Caribou	1	Walking	Fanny Laporte		Monitored the area
2019-07-20	10:00:00 AM	Whale Tail	WTHR KM 163.5 - On the road	Caribou	1		Driver on the road		No action required
2019-07-20	7:00:00 AM	Meadowbank	AWAR KM 48	Musk-ox	1		Kaitlyn Proudre		No action required
2019-07-20	7:00:00 AM	Meadowbank	AWAR KM 22 - 64m from the road	Musk-ox	1		Morgan Gillis		No action required
2019-07-20	3:00:00 AM	Meadowbank	EMR hill - 91m from the road	Musk-ox			Dyno Darren		No action required
2019-07-21		Whale Tail	WTHR KM 119	Musk-ox	12		Driver/Dispatch		No action required
2019-07-21		Whale Tail	WTHR KM 145	Caribou	1	Crossing the road	Driver/Dispatch		No action required
2019-07-21	10:30:00 AM	Whale Tail	WTP	Caribou	2	Walking	Serge		Monitored the area but no sight
2019-07-21	3:30:00 PM	Whale Tail	Sana shop	Caribou	1	Walking	Jacqueline Levy		Monitored the area
2019-07-21	10:40:00 AM	Whale Tail	WTHR KM 145	Caribou	1	Crossing the road	Jeremy Cousin		No action required
2019-07-21	10:15:00 AM	Whale Tail	WTHR KM 119	Musk-ox	12	Unknown	Jeremy Cousin		No action required
2019-07-21	10:42:00 AM	Meadowbank	Diversion Ditch near WEP1	Musk-ox	1	Grazing	Emilie Fouilloux	Laurence Archambault	No action required
2019-07-21	9:20:00 AM	Meadowbank	Tundra near EMR	Musk-ox	2	Resting	Emilie Fouilloux	Laurence Archambault	No action required

2019-07-21	1:30:00 PM	Meadowbank	Fountain Tire restricted area between sea cans	Caribou	1	Hiding	Emilie Fouilloux		Monitored the area
2019-07-21	9:30:00 AM	Meadowbank	Warehouse laydown by leach tanks	Caribou	1	Immobile	Fanny Laporte	Mathieu Gelinas	Monitored the area
2019-07-21	8:25:00 AM	Meadowbank	AWAR KM 92	Caribou	1	Unknown	Nicholas Nodding		No action required
2019-07-21	8:10:00 AM	Meadowbank	AWAR KM 83-84 near Quarry	Caribou	1	Unknown	Matthew McKay		No action required
2019-07-21	4:00:00 AM	Meadowbank	AWAR KM 104-105	Wolf	1	Walking	Tow Haul Henrik		No action required
2019-07-22	2:30:00 PM	Meadowbank	Landfill	Wolf	1	Observing	Nicolas Saucier		Deterred. Successful
2019-07-22	4:30:00 PM	Meadowbank	AWAR KM 25 - E from the road	Musk-ox	4		Matthew McKay		No action required
2019-07-22	10:00:00 AM	Whale Tail	WTHR KM 152	Musk-ox	3		Driver on the road		No action required
2019-07-22	8:00:00 AM	Meadowbank	MBK North Cell	Wolf	1	Walking	Robert Dennis		Monitored the area
2019-07-22	7:00:00 AM	Meadowbank	MBK Crusher and Transit Pad	Caribou	1	Walking	Emilie Fouilloux	Laurence Archambault	Monitored the area
2019-07-22	4:30:00 AM	Meadowbank	Gatehouse near nova camp	Wolf	1	Walking	Dispatch Baker Lake		No action required
2019-07-22	9:30:00 AM	Whale Tail	WTHR KM 170 - On the road	Caribou	1		Driver on the road		No action required
2019-07-22	7:30:00 AM	Meadowbank	AWAR KM 86 - W from the road	Caribou	2		Matthew McKay		No action required
2019-07-22	7:00:00 AM	Meadowbank	AWAR KM 52 - W from the road	Musk-ox	2	Walking	Matthew McKay		No action required
2019-07-23		Whale Tail	WTHR KM 117	Musk-ox	14		Mathieu Gelinas		No action required
2019-07-23		Whale Tail	WTHR KM 126	Peregrine falcon	1		Mathieu Gelinas		No action required
2019-07-23	4:30:00 PM	Whale Tail	WTHR KM 165	Ptarmigan	3		Mathieu Gelinas		No action required
2019-07-23	4:00:00 PM	Whale Tail	WTHR KM 138	Peregrine falcon	1		Mathieu Gelinas		No action required
2019-07-23	3:30:00 PM	Whale Tail	WTHR KM 135	Caribou	1	Resting	Mathieu Gelinas		No action required
2019-07-23	2:00:00 PM	Whale Tail	WTHR KM 118	Musk-ox	1	Grazing	Mathieu Gelinas		No action required
2019-07-23	2:00:00 PM	Whale Tail	WTHR KM 116	Caribou	1	Grazing	Mathieu Gelinas		No action required
2019-07-23	2:00:00 PM	Whale Tail	WTHR KM 110	Duck	3	Walking	Mathieu Gelinas		No action required
2019-07-23	6:30:00 AM	Meadowbank	AWAR KM 11 - 50m from the road	Musk-ox	3		3 drivers on the road		No action required
2019-07-23		Whale Tail	WTHR KM 117	Musk-ox	15		Driver		No action required
2019-07-23	11:30:00 AM	Whale Tail	WTHR KM 161	Ptarmigan	1	Crossing the road	Jacqueline Levy		No action required
2019-07-23	3:14:00 PM	Whale Tail	Side of the road at WTHR KM 117	Musk-ox	15	Unknown	Dispatcher Jeremy Cousin		No action required
2019-07-23	8:06:00 AM	Whale Tail	WTHR KM 161	Ptarmigan	1	Dead	Dispatcher Jeremy Cousin		No action required
2019-07-23	5:25:00 AM	Whale Tail	WTHR KM 178	Caribou	1		Dispatcher Jeremy Cousin		No action required
2019-07-23	5:24:00 AM	Whale Tail	WTHR KM 131	Caribou	1	Crossing the road	Jeremy Cousin		No action required
2019-07-23	6:55:00 AM	Meadowbank	Baker Lake Gatehouse AWAR KM 83	Wolverine	1	Unknown	Darryl Simailak		No action required
2019-07-23	6:55:00 AM	Meadowbank	Baker Lake Gatehouse AWAR KM 83	Caribou	1	Unknown	Q-Sana driver Darryl Simailak		No action required
2019-07-23	6:00:00 AM	Meadowbank	AWAR KM 22 - W from the road	Musk-ox	3		Matthew McKay		No action required
2019-07-24	3:00:00 PM	Whale Tail	WTHR KM 169	Rough legged hawk	1	Resting	Mathieu Gelinas		No action required
2019-07-24	11:30:00 AM	Whale Tail	WTHR KM 147	Rough legged hawk	1	Resting	Mathieu Gelinas		No action required
2019-07-24	5:00:00 PM	Whale Tail	WTHR KM 127	Sandhill cranes	2		Mathieu Gelinas		No action required
2019-07-24	11:00:00 AM	Whale Tail	WTHR KM 142	Seagull	1	Flying	Mathieu Gelinas		No action required
2019-07-24	10:30:00 AM	Whale Tail	WTHR KM 128	Arctic hare	1	Walking	Mathieu Gelinas		No action required
2019-07-24	9:00:00 AM	Whale Tail	WTHR KM 118	Musk-ox	14	Grazing	Mathieu Gelinas		No action required
2019-07-24	8:00:00 AM	Whale Tail	WTHR KM 127 - E from the road	Wolf	1		Driver on the road		No action required
2019-07-25	12:40:00 PM	Whale Tail	WTHR KM 131	Bald eagle	1	Flying	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-25	12:04:00 PM	Whale Tail	WTHR KM 156	Bald eagle	1	Flying	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-25	10:02:00 AM	Whale Tail	WTHR KM 131	Raven	1	Flying	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-25	8:51:00 AM	Whale Tail	WTHR KM 121	Musk-ox	8	Walking	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-25	8:30:00 AM	Meadowbank	AWAR KM 116	Caribou	1		Driver on the road		No action required
2019-07-26	6:02:00 PM	Meadowbank	AWAR KM 89	Arctic hare	1		MA	VU	No action required
2019-07-26	5:44:00 AM	Meadowbank	AWAR KM 74	Caribou	1		MA	VU	No action required
2019-07-26	4:52:00 PM	Meadowbank	AWAR KM 28	Rough legged hawk	1		MA	VU	No action required
2019-07-26	3:43:00 PM	Meadowbank	AWAR KM 6	Musk-ox	30		ma	VU	No action required
2019-07-26	3:45:00 PM	Meadowbank	AWAR KM 10	Musk-ox	2		MA	VU	No action required
2019-07-26	3:25:00 PM	Meadowbank	AWAR KM 23	Peregrine falcon	1		MA	VU	No action required
2019-07-26	3:15:00 PM	Meadowbank	AWAR KM 27	Fox	1		MA	VU	No action required
2019-07-26	3:00:00 PM	Meadowbank	AWAR KM 31	Arctic hare	1		Ma	VU	No action required
2019-07-26	2:49:00 PM	Meadowbank	AWAR KM 47	Arctic hare	2		MA	VU	No action required
2019-07-26	2:20:00 PM	Meadowbank	AWAR KM 65	Canada geese	1		MA	VU	No action required
2019-07-26	1:53:00 PM	Meadowbank	AWAR KM 82	Bald eagle	1		MA	VU	No action required
2019-07-26	9:42:00 AM	Meadowbank	AWAR KM 19	Musk-ox	3		MA	VU	No action required
2019-07-26	9:26:00 AM	Meadowbank	AWAR KM 8	Musk-ox	10		MA	VU	No action required
2019-07-28	3:14:00 PM	Meadowbank	AWAR KM 14	Musk-ox	1	Grazing	Emilie Fouilloux	Stephanie Mercier	No action required
2019-07-28	3:12:00 PM	Meadowbank	AWAR KM 16	Musk-ox	1	Grazing	Emilie Fouilloux	Stephanie Mercier	No action required
2019-07-29	2:00:00 PM	Whale Tail	WTHR KM 154	Bald eagle	1		Jonathan Pameolik		No action required
2019-07-29	9:30:00 AM	Meadowbank	Landfill	Wolf	1	Observing	Nicolas Saucier		Deterred. Successful
2019-07-29	1:00:00 PM	Whale Tail	WTHR KM 154	Rough legged hawk	1	Flying	Joe P	SM	No action required
2019-07-29		Whale Tail	WTHR KM 172	Canada geese	11		Joe P	SM	No action required
2019-07-29	5:30:00 PM	Meadowbank	MBK landfill	Wolf	1		Emilie Fouilloux	Michael Buttet Allard	Monitored the area but no sight
2019-07-29	5:40:00 PM	Meadowbank	MBK West road	Caribou	1		Emilie Fouilloux	Micheal Buttet Allard	Monitored the area but no sight
2019-07-30	8:51:00 AM	Whale Tail	WTHR KM130	Caribou	1	Walking	Joe Putumiraqtuq	Emilie Fouilloux	No action required

2019-07-30	8:49:00 AM	Whale Tail	WTHR KM 129	Arctic hare	1	Walking	Joe Putumiraqtuq	Emilie Fouilloux	No action required
2019-07-30	8:42:00 AM	Whale Tail	WTHR KM 123	Ptarmigan	5	Walking	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	8:37:00 AM	Whale Tail	WTHR KM 120	Fox	1	Walking	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	4:33:00 PM	Meadowbank	AWAR KM 38	Ptarmigan	4	Resting	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	12:08:00 AM	Meadowbank	AWAR KM 16	Ptarmigan	2	Resting	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	11:44:00 AM	Meadowbank	AWAR KM 35	Ptarmigan	4	Resting	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	11:36:00 AM	Meadowbank	AWAR KM 40	Rough legged hawk	1	Flying	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	11:32:00 AM	Meadowbank	AWAR KM 44	Bald eagle	1	Flying	Joe Putumiraqtuq	Emilie Fouilloux	No action required
2019-07-30	11:30:00 AM	Meadowbank	AWAR KM 46	Sandhill cranes	2	Resting	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	11:05:00 AM	Meadowbank	AWAR KM 68	Rough legged hawk	1	Resting	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-30	10:30:00 AM	Meadowbank	AWAR KM 96	Caribou	1	Resting	Emilie Fouilloux	Joe Putumiraqtuq	No action required
2019-07-31	11:00:00 AM	Meadowbank	AWAR KM 108	Fox	1	Walking	Jonathan Pameolik		No action required
2019-07-31		Whale Tail	WTHR KM 125	Arctic hare	1		Jonathan Pameolik		No action required
2019-07-31	10:30:00 AM	Whale Tail	WTHR KM 146	Arctic hare	1		Jonathan Pameolik		No action required
2019-07-31	8:30:00 AM	Whale Tail	WTHR KM 144	Musk-ox	1		Jonathan Pameolik		No action required
2019-07-31	8:00:00 AM	Meadowbank	AWAR KM 110	Musk-ox	15		Jonathan Pameolik		No action required
AUGUST 2019									
2019-08-01	3:00:00 PM	Whale Tail	WTHR KM 156	Caribou	1	Walking	Marilyne Arcand		No action required
2019-08-01	5:30:00 PM	Whale Tail	WTHR KM 133	Caribou	1	Grazing	Marilyne Arcand		No action required
2019-08-01	6:00:00 PM	Whale Tail	FGL area	Caribou	1	Walking	Louis Dubois	Samuel Tapp	Deterred. Unsuccessful
2019-08-01	4:00:00 PM	Whale Tail	FGL area	Caribou	1	Grazing	Louis Dubois	Samuel Tapp	Monitored the area
2019-08-02	2:35:00 PM	Meadowbank	AWAR KM 39	Sandhill cranes	2		Victor U		No action required
2019-08-02	11:11:00 AM	Meadowbank	AWAR KM 34	Rough legged hawk	1		Victor U		No action required
2019-08-02	10:42:00 AM	Meadowbank	AWAR	Rough legged hawk	1		Victor U		No action required
2019-08-02	10:52:00 AM	Meadowbank	AWAR KM 18	Canada geese	6		Victor U		No action required
2019-08-02	10:19:00 AM	Meadowbank	AWAR	Canada geese	60		Victor U		No action required
2019-08-02	4:00:00 PM	Whale Tail	FGL area	Caribou	1	Grazing	Louis Dubois	Samuel Tapp	Deterred. Successful
2019-08-02	6:30:00 AM	Whale Tail	Permanent camp	Caribou	1	Resting	Construction employee		Monitored the area
2019-08-03	6:30:00 AM	Whale Tail	Permanent camp	Caribou	1	Resting	Construction employee		Monitored the area
2019-08-04	1:30:00 PM	Meadowbank		Musk-ox	1	Eating	Jamie K		No action required
2019-08-04	1:00:00 PM	Meadowbank		Musk-ox	10	Eating	Jamie K		No action required
2019-08-04	12:30:00 PM	Meadowbank		Musk-ox	37	Eating	Jamie K		No action required
2019-08-04	12:30:00 PM	Meadowbank		Musk-ox	35	Resting	Jamie K		No action required
2019-08-05	6:00:00 AM	Meadowbank	AWAR KM 58	Grizzly	3	Crossing the road	JC	BL Dispatch	Monitored the area but no sight
2019-08-06	9:30:00 AM	Whale Tail	WTHR KM 150	Musk-ox	1	Observing	Marilyne Arcand	Louis Dubois	No action required
2019-08-06	8:30:00 AM	Whale Tail	WTHR KM 173	Caribou	11	Grazing	Marilyne Arcand	Louis Dubois	No action required
2019-08-06	2:30:00 PM	Meadowbank	AWAR KM 20	Musk-ox	1	Grazing	Stephanie M	Victor U	Monitored the area
2019-08-06	1:37:00 PM	Meadowbank	AWAR KM 68	Musk-ox	1	Grazing	Stephanie M	Victor U	No action required
2019-08-06	2:30:00 PM	Whale Tail	Esker 6	Caribou	90	Walking	samuel T.	Kevin M.	No action required
2019-08-08	3:00:00 PM	Whale Tail	WTHR KM 126	Caribou	1		Driver on the road		No action required
2019-08-09	9:30:00 AM	Whale Tail	Exploration Camp	Fox	1	Running	Jacqueline Levy		Monitored the area
2019-08-09	5:00:00 PM	Meadowbank	AWAR KM 31 - 100m E from the road	Sandhill cranes	2	Walking	Isabelle Tétrault		No action required
2019-08-09	6:30:00 PM	Meadowbank	AWAR KM 90 - 5m from the road	Canada geese	11	Walking	Isabelle Tétrault		No action required
2019-08-09	4:30:00 PM	Meadowbank	AWAR KM 13 - W from the road	Seagull	1	Flying	Isabelle Tétrault		No action required
2019-08-09	2:30:00 PM	Meadowbank	AWAR KM 6 - E from the road	Raven	1	Flying	Victor Utatnaq	Isabelle Tétrault	No action required
2019-08-09	2:00:00 PM	Meadowbank	AWAR KM 27 - E from the road	Duck	15	Flying	Victor Utatnaq	Isabelle Tétrault	No action required
2019-08-09	12:30:00 PM	Meadowbank	AWAR KM 93 - 100m E from the road	Peregrine falcon	1	Flying	Victor Utatnaq	Isabelle Tétrault	No action required
2019-08-10	3:00:00 PM	Whale Tail	WTHR KM 113	Caribou	1	Crossing the road	Jacqueline Levy		No action required
2019-08-10	5:00:00 PM	Whale Tail	WTHR KM 168	Rough legged hawk	1	Flying	Jacqueline Levy		No action required
2019-08-10	4:00:00 PM	Whale Tail	WTHR KM 127	Musk-ox	1	Grazing	Jacqueline Levy		No action required
2019-08-10	11:30:00 AM	Whale Tail	WTHR KM 147	Rough legged hawk	1	Flying	Jacqueline Levy		No action required
2019-08-10	9:30:00 AM	Whale Tail	WTHR KM 177	Fox	1	Running	Jacqueline Levy		No action required
2019-08-11	3:00:00 PM	Whale Tail	WTHR KM 151	Musk-ox	17	Grazing	Jacqueline Levy		No action required
2019-08-11	10:30:00 AM	Whale Tail	WTHR KM 148	Bald eagle	1	Flying	Jacqueline Levy		No action required
2019-08-11	1:30:00 PM	Whale Tail	WTHR KM 148 - not far from road	Bald eagle	1		Driver on the road		No action required
2019-08-12	10:30:00 AM	Whale Tail	WTHR KM 147	Wolverine	1	Walking	Driver/Dispatch		No action required
2019-08-12	1:00:00 PM	Meadowbank	North cell	Wolf	1		Félix Harvey		Monitored the area
2019-08-12	10:30:00 AM	Whale Tail	WTHR KM 147 - 400m from the road	Wolverine	1		Driver on the road		No action required
2019-08-12	11:30:00 PM	Meadowbank	North cell	Wolf	1	Hunting	Isabelle Tétrault	Laurence Archambault	Monitored the area
2019-08-12	11:30:00 PM	Meadowbank	North cell	Caribou	1	Fleeing	Isabelle Tétrault	Laurence Archambault	Monitored the area
2019-08-13	3:00:00 PM	Whale Tail	Whale Tail Dike	Caribou	1	Walking	Jacqueline Levy		No action required
2019-08-13	5:30:00 PM	Whale Tail		Peregrine falcon	1	Flying	Joe Angotingoar	Joe HTO	No action required
2019-08-13	5:30:00 PM	Whale Tail	WTHR KM 118 - 300m W from the road	Canada geese	8	Swimming	Joe Angotingoar	Joe HTO	No action required
2019-08-13	3:00:00 PM	Whale Tail		Musk-ox	1	Walking	Joe Angotingoar	Joe HTO	No action required

2019-08-13	3:00:00 PM	Whale Tail		Musk-ox	17	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-13	2:30:00 PM	Whale Tail		Musk-ox	1	Resting	Joe Angotingoar	Joe HTO	No action required
2019-08-13	2:30:00 PM	Whale Tail	WTHR KM 140 - 40m W from the road	Caribou	2	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-13	2:30:00 PM	Whale Tail		Peregrine falcon	1	Resting	Joe Angotingoar	Joe HTO	No action required
2019-08-13	2:00:00 PM	Whale Tail		Peregrine falcon	1	Resting	Joe Angotingoar	Joe HTO	No action required
2019-08-13	2:00:00 PM	Whale Tail	WTHR KM 115 - 35m E from the road	Canada geese	15	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-13	2:00:00 AM	Whale Tail	WTHR KM 111 - 20m E from the road	Caribou	1	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-13	1:30:00 PM	Whale Tail	WTHR KM 130	Caribou	1		Driver/Dispatch		No action required
2019-08-13	9:30:00 AM	Whale Tail	WTHR KM 149	Musk-ox	14		Driver/Dispatch		No action required
2019-08-13	2:00:00 PM	Whale Tail	WTHR KM 130 - on the road	Caribou	1		Driver on the road		No action required
2019-08-13	1:00:00 PM	Meadowbank	AWAR KM 87 - 100m from the road	Caribou	1		Leo		No action required
2019-08-13	9:00:00 AM	Whale Tail	WTHR KM 149 - 100m from the road	Musk-ox	14		Driver on the road		No action required
2019-08-14	2:00:00 PM	Whale Tail	WTHR KM 151 - 1000m E from the road	Musk-ox	17	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-14	1:00:00 PM	Whale Tail	WTHR KM 176 - 100m E from the road	Caribou	1	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-14	9:00:00 AM	Whale Tail	WTHR KM 152 - 300m E from the road	Musk-ox	17	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-14	8:30:00 AM	Whale Tail	WTHR KM 147 - 500m E from the road	Wolf	1	pproaching the vehi	Joe Angotingoar	Joe HTO	No action required
2019-08-14	7:00:00 AM	Meadowbank	AWAR KM 110 - 150m E from the road	Caribou	1	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-14	4:30:00 PM	Whale Tail	WTHR KM 154	Wolf	1	Crossing the road	Driver/Dispatch		No action required
2019-08-14	4:00:00 PM	Whale Tail	WTHR KM 155	Caribou	1	Crossing the road	Driver/Dispatch		No action required
2019-08-14	12:00:00 PM	Whale Tail	WTHR KM 168	Caribou	1	Crossing the road	Driver/Dispatch		No action required
2019-08-14	7:30:00 AM	Whale Tail	WTHR KM 154	Wolf	1	Walking	Driver/Dispatch		No action required
2019-08-14	6:30:00 AM	Whale Tail	Water treatment plant	Ptarmigan	2	Fleeing	Jacqueline Levy		No action required
2019-08-14		Whale Tail	Underground maintenance shop	Wolf	3	Walking	maintenance department		No action required
2019-08-14	4:00:00 PM	Whale Tail	WTHR KM 155 - On the road	Caribou	1		Driver on the road		No action required
2019-08-14	12:00:00 PM	Whale Tail	WTHR KM 168 - On the road	Caribou	1		Driver on the road		No action required
2019-08-14	4:30:00 PM	Whale Tail	WTHR KM 120 - Near the road	Wolf	1	Walking	Driver on the road		No action required
2019-08-14	10:30:00 AM	Whale Tail	WTHR KM 138 - Near the road	Wolf	1		Driver on the road		No action required
2019-08-14	8:00:00 AM	Whale Tail	WTHR KM 154 - near the road	Wolf	1		Driver on the road		No action required
2019-08-15	4:00:00 PM	Meadowbank	AWAR	Bald eagle	1	Flying	Nicolas S	Danielle M	No action required
2019-08-15	3:30:00 PM	Whale Tail	WTHR KM 122 - 400m W from the road	Musk-ox	1	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-15	3:30:00 PM	Whale Tail	WTHR KM 122 - 200m W from the road	Peregrine falcon	1	Resting	Joe Angotingoar	Joe HTO	No action required
2019-08-15	2:00:00 PM	Whale Tail	WTHR KM 150	Caribou	1	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-15	2:00:00 PM	Whale Tail	WTHR KM 160 - 300m E from the road	Caribou	1	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-15	2:00:00 PM	Whale Tail	WTHR KM 161 -250m W from the road	Bald eagle	1	Flying	Joe Angotingoar	Joe HTO	No action required
2019-08-15	1:30:00 PM	Whale Tail	WTHR KM 173 - 250m W from the road	Peregrine falcon	1	Resting	Joe Angotingoar	Joe HTO	No action required
2019-08-15	1:30:00 PM	Whale Tail	WTHR KM 174 - 1000m E from the road	Musk-ox	1	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-15	8:30:00 AM	Whale Tail	WTHR KM 151 - 1000m E from the road	Musk-ox	1	Resting	Joe Angotingoar	Joe HTO	No action required
2019-08-15	7:30:00 AM	Meadowbank		Musk-ox	1	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-15	7:30:00 AM	Whale Tail	WTHR KM 124	Arctic hare	1	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-15	4:00:00 PM	Whale Tail	WTHR KM 123	Caribou	1	Crossing the road	Driver/Dispatch		No action required
2019-08-15	7:30:00 AM	Whale Tail	WTHR KM 154	Caribou	1	Crossing the road	Driver/Dispatch		No action required
2019-08-16	9:45:00 AM	Whale Tail	WTHR KM 178	Caribou	50	Walking	Driver/Dispatch		No action required
2019-08-16	3:00:00 PM	Whale Tail	WTHR KM 176	Caribou	500	Migrating	Jacqueline Levy		No action required
2019-08-16	1:30:00 PM	Whale Tail	WTHR KM 177	Caribou	3000	Migrating	Jacqueline Levy		No action required
2019-08-16	3:30:00 PM	Meadowbank	AWAR KM 7	Sandhill cranes	1	Walking	Victor U.	Nicolas Saucier	No action required
2019-08-16	2:30:00 PM	Meadowbank	AWAR KM 49	Bald eagle	1	Flying	Victor U.	Nicolas Saucier	No action required
2019-08-16	1:30:00 PM	Meadowbank	AWAR KM 90	Caribou	2	Walking	Victor U.	Nicolas Saucier	No action required
2019-08-16	1:30:00 PM	Meadowbank	AWAR KM 91	Caribou	1	Walking	Victor U.	Nicolas Saucier	No action required
2019-08-16	10:30:00 AM	Meadowbank	AWAR KM 64	Bald eagle	1	Flying	Victor U.		No action required
2019-08-16	9:30:00 AM	Meadowbank	AWAR KM 8	Musk-ox	57	Resting	Victor U.	Nicolas Saucier	No action required
2019-08-16	11:00:00 AM	Whale Tail	WTHR KM 150 - 200m W from the road	Caribou	1	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-16	10:00:00 AM	Whale Tail	WTHR KM 177 - 200m from the road	Caribou	400	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-16	8:30:00 AM	Whale Tail	WTHR KM 176	Caribou	2	Walking	Joe Angotingoar	Joe HTO	No action required
2019-08-16	7:30:00 AM	Whale Tail		Peregrine falcon	2	Flying	Joe Angotingoar	Joe HTO	No action required

2019-08-16	7:00:00 AM	Whale Tail	WTHR KM 137 - 75m E from the road	Sandhill cranes	2	Eating	Joe Angotingoar	Joe HTO	No action required
2019-08-17	3:00:00 PM	Whale Tail	WTHR KM 177	Caribou	1	Walking	Jacqueline Levy		No action required
2019-08-18	10:00:00 AM	Whale Tail	Exploration Camp	Caribou	1	Walking	Housekeeping attendant		No action required
2019-08-18	4:30:00 PM	Meadowbank	By the road near the old kitchen	Caribou	1	Walking	Laurence Archambault	David Turner	No action required
2019-08-19	4:00:00 PM	Whale Tail	WTHR KM 138	Musk-ox	1		Driver/Dispatch		No action required
2019-08-19	10:40:00 AM	Whale Tail	WTHR KM 133	Musk-ox	1		Driver/Dispatch		No action required
2019-08-19	10:40:00 AM	Whale Tail	WTHR KM 135.5	Musk-ox	1	Walking	Driver/Dispatch		No action required
2019-08-20	5:30:00 PM	Meadowbank	AWAR KM 109 - 10m W from the road	Caribou	1	Walking	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	5:30:00 PM	Whale Tail	WTHR KM 125 - 400m W from the road	Caribou	1	Eating	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	5:00:00 PM	Whale Tail	WTHR KM 147	Rough legged hawk	1	Flying	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	5:00:00 PM	Whale Tail	WTHR KM 149 - 150m W from the road	Caribou	1	Eating	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	4:30:00 PM	Whale Tail	WHTR KM 157 - 10m E from the road	Musk-ox	1	Eating	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	2:00:00 PM	Whale Tail	WHTR KM 150	Bald eagle	2	Hunting	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	2:00:00 PM	Whale Tail	WTHR KM 137 - 200m E from the road	Bald eagle	1	Hunting	Joe Angotingoar	Joe Putumiraqtuq	No action required
2019-08-20	2:30:00 PM	Whale Tail	WTHR KM 127	Caribou	1	Walking	Driver/Dispatch		No action required
2019-08-21	4:16:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	J.P.		No action required
2019-08-21	4:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	J.P.		No action required
2019-08-21	4:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	J.P.		No action required
2019-08-21	3:53:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	16	Walking	J.P.		No action required
2019-08-21	3:53:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	J.P.		No action required
2019-08-21	2:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	500	Walking	J.P.		No action required
2019-08-21	2:25:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	J.P.		No action required
2019-08-21	2:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Walking	J.P.		No action required
2019-08-21	2:20:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	J.P.		No action required
2019-08-21	9:00:00 PM	Whale Tail	WTHR KM 158	Caribou	400	Walking	Joseph P		No action required
2019-08-21	8:00:00 PM	Whale Tail	WTHR KM 158	Caribou	400	Walking	Joseph P		No action required
2019-08-21	8:00:00 PM	Whale Tail	WTHR KM 158	Caribou	300	Walking	Joseph P		No action required
2019-08-21	7:00:00 PM	Whale Tail	WTHR KM 157	Caribou	1	Walking	Joseph P		No action required
2019-08-21	6:30:00 PM	Whale Tail	WTHR KM 146	Bald eagle	1	Flying	Joseph P		No action required
2019-08-21	11:00:00 AM	Meadowbank	Marginal Y	Caribou	1	Crossing the road	Driver on the road		No action required
2019-08-21	1:00:00 PM	Whale Tail	WTHR KM 177 - 1000m from the road	Caribou	4	Walking	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	1:00:00 PM	Whale Tail	WTHR KM 177 - 700m E from the road	Caribou	1	Walking	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	4:00:00 PM	Whale Tail	WTHR KM 110 - On the road	Caribou	1	Walking	Laurence Archambault	Joe Putumiraqtuq	Monitored the area
2019-08-21	3:00:00 PM	Whale Tail	WTHR KM 132 - 50m E from the road	Caribou	2	Walking	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	3:00:00 PM	Whale Tail	WTHR KM 142 - 100m W from the road	Caribou	1	Eating	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	1:00:00 PM	Whale Tail		Caribou	5	Eating	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	1:00:00 PM	Whale Tail	WTHR KM 177 - 1000m E from the road	Caribou	1	Walking	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	1:00:00 PM	Whale Tail	WTHR KM 177 - 1000m from the road	Caribou	4	Walking	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	10:30:00 AM	Whale Tail	WTHR KM 172 - 200m W from the road	Canada geese	24	Eating	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	10:30:00 AM	Whale Tail	WTHR KM 172 - 200m W from the road	Snow geese	40	Eating	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	10:30:00 AM	Whale Tail	WTHR KM 171 - 200m W from the road	Caribou	5	Grazing	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	10:30:00 AM	Whale Tail	WTHR KM 165 - 600m E from the road	Musk-ox	8	Eating	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	9:00:00 AM	Whale Tail	WTHR KM 127 - 500m E from the road	Sandhill cranes	2	Walking	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	8:30:00 AM	Whale Tail	WTHR KM 118 - 600m W from the road	Sandhill cranes	2	Eating	Laurence Archambault	Joe Putumiraqtuq	No action required
2019-08-21	10:19:00 AM	Whale Tail	WTHR KM 172	Caribou	10	Walking	Driver/Dispatch		No action required
2019-08-22	10:50:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	3	Walking	J.P.		No action required
2019-08-22	10:41:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	J.P.		No action required
2019-08-22	10:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	J.P.		No action required
2019-08-22	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	J.P.		No action required
2019-08-22	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	9	Flying	J.P.		No action required
2019-08-22	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Eating	J.P.		No action required
2019-08-22	8:55:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	50	Resting	J.P.		No action required
2019-08-22	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	J.P.		No action required
2019-08-22	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	70	Resting	J.P.		No action required
2019-08-22	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.		No action required

2019-08-22	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	J.P.		No action required
2019-08-22	7:55:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	J.P.		No action required
2019-08-22	7:21:00 AM	Whale Tail	Whale Tail Haul Road	Canada geese	20	Walking	J.P.		No action required
2019-08-22	7:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.		No action required
2019-08-22	7:05:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	70	Walking	J.P.		No action required
2019-08-22	4:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Eating	J.P.		No action required
2019-08-22	3:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	J.P.		No action required
2019-08-22	3:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Walking	J.P.		No action required
2019-08-22	2:16:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	8	Walking	J.P.		No action required
2019-08-22	1:51:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	J.P.		No action required
2019-08-22	1:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.		No action required
2019-08-22	1:20:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	J.P.		No action required
2019-08-22	1:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.		No action required
2019-08-22	1:00:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	J.P.		No action required
2019-08-22	12:56:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.		No action required
2019-08-22	11:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	55	Walking	J.P.		No action required
2019-08-22	11:09:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	J.P.		No action required
2019-08-22	11:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	22	Eating	J.P.		No action required
2019-08-22	11:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	9	Eating	J.P.		No action required
2019-08-23	2:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.		No action required
2019-08-23	1:53:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	J.P.		No action required
2019-08-23	1:53:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	J.P.		No action required
2019-08-23	1:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	19	Walking	J.P.		No action required
2019-08-23	1:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.		No action required
2019-08-23	10:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	58	Walking	J.P.		No action required
2019-08-23	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Resting	J.P.		No action required
2019-08-23	9:56:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	13	Resting	J.P.		No action required
2019-08-23	8:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Eating	J.P.		No action required
2019-08-23	8:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	J.P.		No action required
2019-08-23	8:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.		No action required
2019-08-23	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	75	Eating	J.P.		No action required
2019-08-23	7:35:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	36	Resting	J.P.		No action required
2019-08-23	7:06:00 AM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Resting	J.P.		No action required
2019-08-23	7:06:00 AM	Whale Tail	Whale Tail Haul Road	Ptarmigan	2	Flying	J.P.		No action required
2019-08-23	7:00:00 AM	Whale Tail	WTHR KM 159	Caribou	25	Observing	Louis Dubois		Monitored the area
2019-08-23	7:00:00 AM	Whale Tail	WTHR KM 161	Caribou	33	Grazing	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 164	Musk-ox	1	Walking	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 164	Caribou	18	Walking	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 166	Caribou	15	Grazing	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 176	Caribou	30	Grazing	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 168	Caribou	50	Crossing the road	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 169	Musk-ox	1	Immobile	Louis Dubois		Monitored the area
2019-08-23	6:30:00 AM	Whale Tail	WTHR KM 169	Caribou	500	Walking	Louis Dubois		Monitored the area
2019-08-23	6:00:00 AM	Whale Tail	WTHR KM 170	Caribou	200	Walking	Louis Dubois		Monitored the area
2019-08-23	6:00:00 AM	Whale Tail	WTHR KM 171	Caribou	25	Resting	Louis Dubois		Monitored the area
2019-08-23	6:00:00 AM	Whale Tail	WTHR KM 172	Caribou	3	Resting	Louis Dubois		Monitored the area
2019-08-23	6:00:00 AM	Whale Tail	WTHR KM 172	Caribou	300	Grazing	Louis Dubois		Monitored the area
2019-08-23	6:00:00 PM	Whale Tail	WTHR KM 173	Caribou	18	Grazing	Louis Dubois		Monitored the area
2019-08-24	5:16:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Crossing the road	J.P.	D.T.	No action required
2019-08-24	4:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Crossing the road	J.P.	D.T.	No action required
2019-08-24	11:26:00 AM	Whale Tail	Whale Tail Haul Road	Seagull	1	Crossing the road	J.P.	D.T.	No action required
2019-08-24	11:13:00 AM	Whale Tail	Whale Tail Haul Road	Squirrel	1	Crossing the road	J.P.	D.T.	No action required
2019-08-24	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Squirrel	2	Crossing the road	J.P.	D.T.	No action required
2019-08-24	10:03:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Eating	J.P.	D.T.	No action required
2019-08-24	10:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Eating	J.P.	D.T.	No action required
2019-08-24	9:58:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	D.T.	No action required
2019-08-24	9:43:00 AM	Whale Tail	Whale Tail Haul Road	Arctic hare	1	Walking	J.P.	D.T.	No action required
2019-08-24	8:51:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	J.P.	D.T.	No action required
2019-08-24	8:49:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	D.T.	No action required
2019-08-24	8:47:00 AM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Resting	J.P.	D.T.	No action required
2019-08-24	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	D.T.	No action required
2019-08-24	8:17:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	40	Eating	J.P.	D.T.	No action required
2019-08-24	8:11:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	J.P.	D.T.	No action required
2019-08-25	11:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	D.T.	No action required
2019-08-25	11:17:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	J.P.	D.T.	No action required
2019-08-25	11:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Resting	J.P.	D.T.	No action required
2019-08-25	10:54:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	J.P.	D.T.	No action required

2019-08-25	10:39:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	144	Eating	J.P.	D.T.	No action required
2019-08-25	10:35:00 AM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Flying	J.P.	D.T.	No action required
2019-08-25	10:31:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	39	Eating	J.P.	D.T.	No action required
2019-08-25	10:28:00 AM	Whale Tail	Whale Tail Haul Road	Canada geese	13	Eating	J.P.	D.T.	No action required
2019-08-25	10:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	27	Resting	J.P.	D.T.	No action required
2019-08-25	10:17:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Resting	J.P.	D.T.	No action required
2019-08-25	10:13:00 AM	Whale Tail	Whale Tail Haul Road	Canada geese	55	Resting	J.P.	D.T.	No action required
2019-08-25	9:13:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	J.P.	D.T.	No action required
2019-08-25	9:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	28	Resting	J.P.	D.T.	No action required
2019-08-25	9:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	J.P.	D.T.	No action required
2019-08-25	9:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	28	Walking	J.P.	D.T.	No action required
2019-08-25	9:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	J.P.	D.T.	No action required
2019-08-25	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	J.P.	D.T.	No action required
2019-08-25	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Resting	J.P.	D.T.	No action required
2019-08-25	4:40:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	73	Resting	J.P.	D.T.	No action required
2019-08-25	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	J.P.	D.T.	No action required
2019-08-25	2:50:00 PM	Meadowbank	AWAR	Caribou	3	Walking	J.P.	D.T.	No action required
2019-08-25	2:37:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	D.T.	No action required
2019-08-25	2:25:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	J.P.	D.T.	No action required
2019-08-25	2:18:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.	D.T.	No action required
2019-08-25	2:18:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Resting	J.P.	D.T.	No action required
2019-08-25	2:09:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Eating	J.P.	D.T.	No action required
2019-08-25	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	21	Eating	J.P.	D.T.	No action required
2019-08-25	1:44:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Eating	J.P.	D.T.	No action required
2019-08-25	8:55:00 AM	Meadowbank	AWAR	Caribou	23	Walking	J.P.	D.T.	No action required
2019-08-25	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.	D.T.	No action required
2019-08-25	8:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Eating	J.P.	D.T.	No action required
2019-08-25	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	J.P.	D.T.	No action required
2019-08-25	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Eating	J.P.	D.T.	No action required
2019-08-25	8:19:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Eating	J.P.	D.T.	No action required
2019-08-25	8:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Eating	J.P.	D.T.	No action required
2019-08-25	8:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	14	Eating	J.P.	D.T.	No action required
2019-08-25	8:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Resting	J.P.	D.T.	No action required
2019-08-25	8:06:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	6	Resting	J.P.	D.T.	No action required
2019-08-25	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	54	Swimming	J.P.	D.T.	No action required
2019-08-25	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	26	Eating	J.P.	D.T.	No action required
2019-08-25	7:42:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Resting	J.P.	D.T.	No action required
2019-08-25	7:42:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	J.P.	D.T.	No action required
2019-08-25	7:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	D.T.	No action required
2019-08-26	3:50:00 PM	Whale Tail	Whale Tail Haul Road - HOL 4	Caribou	1	Walking	N/A		No action required
2019-08-26	10:09:00 AM	Whale Tail	Whale Tail Haul Road - HOL 3	Caribou	48	Eating	N/A		No action required
2019-08-26	10:09:00 AM	Whale Tail	Whale Tail Haul Road - HOL 3	Caribou	57	Resting	N/A		No action required
2019-08-26	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Squirrel	1	Resting	D.T	J.P	No action required
2019-08-26	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Sandhill cranes	2	Eating	D.T	J.P	No action required
2019-08-26	9:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Eating	D.T	J.P	No action required
2019-08-26	9:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	9:34:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	D.T	J.P	No action required
2019-08-26	9:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Resting	D.T	J.P	No action required
2019-08-26	8:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Walking	D.T	J.P	No action required
2019-08-26	8:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	8:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	16	Walking	D.T	J.P	No action required
2019-08-26	8:16:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Resting	D.T	J.P	No action required
2019-08-26	8:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	D.T	J.P	No action required
2019-08-26	8:03:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	7:53:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	7:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	D.T	J.P	No action required
2019-08-26	7:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	7	Eating	D.T	J.P	No action required
2019-08-26	7:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	D.T	.	No action required
2019-08-26	7:35:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Walking	D.T	J.P	No action required
2019-08-26	7:17:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	5:03:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	5:03:00 PM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Flying	D.T	J.P	No action required
2019-08-26	4:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	4:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Eating	D.T	J.P	No action required
2019-08-26	4:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	D.T	J.P	No action required
2019-08-26	4:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required

2019-08-26	4:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	16	Eating	D.T	J.P	No action required
2019-08-26	4:39:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	5	Eating	D.T	J.P	No action required
2019-08-26	4:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	D.T	J.P	No action required
2019-08-26	3:50:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	3:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-26	3:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	3:21:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	2:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	2:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	2:43:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	2:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	12	Walking	D.T	J.P	No action required
2019-08-26	2:26:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-26	2:09:00 PM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Flying	D.T	J.P	No action required
2019-08-26	5:00:00 PM	Whale Tail	WTHR KM 177.5	Caribou	2		Marilyne Arcand		No action required
2019-08-26	7:00:00 PM	Whale Tail	WTHR KM 177	Caribou	70		Marilyne Arcand		No action required
2019-08-26	4:30:00 PM	Whale Tail	WTHR KM 176.5	Caribou	6		Marilyne Arcand		No action required
2019-08-26	4:30:00 PM	Whale Tail	WTHR KM 176	Caribou	7		Marilyne Arcand		No action required
2019-08-26	6:30:00 PM	Whale Tail	WTHR KM 175.5	Caribou	4		Marilyne Arcand		No action required
2019-08-26	4:30:00 PM	Whale Tail	WTHR KM 174.5	Caribou	3		Marilyne Arcand		No action required
2019-08-26	4:30:00 PM	Whale Tail	WTHR KM 172	Caribou	9		Marilyne Arcand		No action required
2019-08-26	4:00:00 PM	Whale Tail	WTHR KM 170	Caribou	1		Marilyne Arcand		No action required
2019-08-26	4:00:00 PM	Whale Tail	WTHR KM 169	Caribou	11	Walking	Marilyne Arcand		No action required
2019-08-26	5:30:00 PM	Whale Tail	WTHR KM 155	Caribou	1	Resting	Marilyne Arcand		No action required
2019-08-26	3:00:00 PM	Whale Tail	WTHR KM 152.5	Caribou	1		Marilyne Arcand		No action required
2019-08-26	2:30:00 PM	Whale Tail	WTHR KM 152	Caribou	450	Walking	Marilyne Arcand		No action required
2019-08-26	2:30:00 PM	Whale Tail	WTHR KM 148	Caribou	1	Grazing	Marilyne Arcand		No action required
2019-08-26	2:00:00 PM	Whale Tail	WTHR KM 143	Caribou	200	Walking	Marilyne Arcand		No action required
2019-08-27	1:30:00 PM	Whale Tail	Whale Tail Haul Road - HOL	Caribou	1	Resting	N/A		No action required
2019-08-27	1:30:00 PM	Whale Tail	Whale Tail Haul Road - HOL	Caribou	6	Eating	N/A		No action required
2019-08-27	5:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	D.T	J.P	No action required
2019-08-27	5:46:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	D.T	J.P	No action required
2019-08-27	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Flying	D.T	J.P	No action required
2019-08-27	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	D.T	J.P	No action required
2019-08-27	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	35	Walking	D.T	J.P	No action required
2019-08-27	5:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	D.T	J.P	No action required
2019-08-27	5:22:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-27	5:13:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	5:12:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Running	D.T	J.P	No action required
2019-08-27	5:09:00 PM	Whale Tail	Whale Tail Haul Road	Fox	1	Running	D.T	J.P	No action required
2019-08-27	5:08:00 PM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Flying	D.T	J.P	No action required
2019-08-27	4:41:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	13	Flying	D.T	J.P	No action required
2019-08-27	4:41:00 PM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Flying	D.T	J.P	No action required
2019-08-27	4:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	4:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	4:07:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	D.T	J.P	No action required
2019-08-27	4:01:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	D.T	J.P	No action required
2019-08-27	3:59:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	3:58:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	D.T	J.P	No action required
2019-08-27	3:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	15	Walking	D.T	J.P	No action required
2019-08-27	3:54:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	D.T	J.P	No action required
2019-08-27	3:54:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	4	Flying	D.T	J.P	No action required
2019-08-27	3:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	3:47:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	20	Walking	D.T	J.P	No action required
2019-08-27	3:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	3:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Eating	D.T	J.P	No action required
2019-08-27	2:47:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	1:53:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	D.T	J.P	No action required
2019-08-27	1:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	9:59:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	13	Resting	D.T	J.P	No action required
2019-08-27	9:56:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	30	Eating	D.T	J.P	No action required
2019-08-27	9:19:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	9:15:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	50	Walking	D.T	J.P	No action required
2019-08-27	9:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	53	Walking	D.T	J.P	No action required
2019-08-27	9:07:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	15	Resting	D.T	J.P	No action required
2019-08-27	9:04:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	30	Resting	D.T	J.P	No action required
2019-08-27	8:59:00 AM	Whale Tail	Whale Tail Haul Road	Bald eagle	1	Resting	D.T	J.P	No action required

2019-08-27	8:57:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	20	Resting	D.T	J.P	No action required
2019-08-27	8:49:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	D.T	J.P	No action required
2019-08-27	8:41:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	D.T	J.P	No action required
2019-08-27	7:34:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Resting	D.T	J.P	No action required
2019-08-27	9:00:00 PM	Whale Tail	WTHR KM 141	Caribou	3	Crossing the road	FL		Monitored the area
2019-08-27	9:00:00 AM	Whale Tail	WTHR KM 141east -400m	Caribou	60	Grazing	FL		Monitored the area
2019-08-27	8:30:00 AM	Whale Tail	WTHR KM 141-East 250m	Caribou	4	Running	FL		No action required
2019-08-27	8:30:00 PM	Whale Tail	WTHR KM 151 100m W	Caribou	1	Walking	FL		No action required
2019-08-27	8:30:00 AM	Whale Tail	WTHR KM 167	Caribou	2	Crossing the road	FL		Monitored the area
2019-08-27	8:30:00 AM	Whale Tail	WTHR KM 175 W 100m	Caribou	3	Running	FL		No action required
2019-08-28	10:05:00 AM	Whale Tail	Whale Tail Haul Road	Wolverine	1	Running	K.M.	D.T.	No action required
2019-08-28	9:52:00 AM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	17	Flying	K.M.	D.T.	No action required
2019-08-28	9:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	K.M.	D.T.	No action required
2019-08-28	9:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Eating	K.M.	D.T.	No action required
2019-08-28	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Canada geese	20	Flying	K.M.	D.T.	No action required
2019-08-28	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	25	Walking	K.M.	D.T.	No action required
2019-08-28	8:22:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	17	Walking	K.M.	D.T.	No action required
2019-08-28	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	52	Walking	K.M.	D.T.	No action required
2019-08-28	7:58:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	10	Resting	K.M.	D.T.	No action required
2019-08-28	7:51:00 AM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	1	Walking	K.M.	D.T.	No action required
2019-08-28	7:47:00 AM	Whale Tail	Whale Tail Haul Road	Arctic hare	1	Walking	K.M.	D.T.	No action required
2019-08-28	7:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	14	Resting	K.M.	D.T.	No action required
2019-08-28		Whale Tail	WTHR KM 112	Caribou	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 126	Peregrine falcon	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 142	Caribou	7		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 143	Caribou	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 145	Bald eagle	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 150	Caribou	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 156	Caribou	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 162	Bald eagle	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 170	Caribou	80		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 169	Caribou	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 160	Rough legged hawk	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 150	Wolf	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 149	Caribou	2		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 148	Caribou	2		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 146	Caribou	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 146	Musk-ox	5		Joe Putumiraqtuq		No action required
2019-08-28	2:30:00 PM	Whale Tail	WTHR KM 146	Caribou	2		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 135	Rough legged hawk	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 134	Bald eagle	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 133	Bald eagle	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 128	Peregrine falcon	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 128	Rough legged hawk	1		Joe Putumiraqtuq		No action required
2019-08-28		Whale Tail	WTHR KM 126	Bald eagle	1		Joe Putumiraqtuq		No action required
2019-08-28	2:00:00 PM	Whale Tail	WTHR KM 116	Bald eagle	1		Joe Putumiraqtuq		No action required
2019-08-29	9:20:00 AM	Whale Tail	Whale Tail Haul Road - HOL 5	Caribou	14	Walking	N/A		No action required
2019-08-29	9:20:00 AM	Whale Tail	Whale Tail Haul Road - HOL 5	Caribou	13	Walking	N/A		No action required
2019-08-29	10:20:00 AM	Whale Tail	Whale Tail Haul Road - HOL 4	Snow owl	1	Flying	N/A		No action required
2019-08-29	3:20:00 PM	Whale Tail	Whale Tail Haul Road - HOL 3	Caribou	2	Eating	N/A		No action required
2019-08-29	1:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	Hugh	No action required
2019-08-29	11:51:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Eating	J.P.	Hugh	No action required
2019-08-29	11:34:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	J.P.	Hugh	No action required
2019-08-29	11:34:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	16	Eating	J.P.	Hugh	No action required
2019-08-29	11:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	21	Walking	J.P.	Hugh	No action required
2019-08-29	11:11:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	24	Walking	J.P.	.	No action required
2019-08-29	10:04:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Eating	J.P.	Hugh	No action required
2019-08-29	10:04:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Eating	J.P.	Hugh	No action required
2019-08-29	9:56:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	8	Eating	J.P.	Hugh	No action required
2019-08-29	9:54:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	31	Eating	J.P.	Hugh	No action required
2019-08-29	9:48:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	14	Walking	J.P.	Hugh	No action required
2019-08-29	9:48:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	13	Walking	J.P.	Hugh	No action required
2019-08-29	9:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	J.P.	Hugh	No action required
2019-08-29	8:23:00 AM	Whale Tail	Whale Tail Haul Road	Wolf	1	Walking	J.P.	Hugh	No action required
2019-08-29	7:58:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.	Hugh	No action required
2019-08-29	7:58:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	J.P.	Hugh	No action required
2019-08-30	3:30:00 PM	Whale Tail	Whale Tail Haul Road	Raven	4	Resting	J.P.	Hugh	No action required

2019-08-30	11:14:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	30	Resting	J.P.	Hugh	No action required
2019-08-30	10:55:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	40	Resting	J.P.	Hugh	No action required
2019-08-30	10:55:00 AM	Whale Tail	Whale Tail Haul Road	Raven	1	Flying	J.P.	Hugh	No action required
SEPTEMBER 2019									
2019-09-02	11:00:00 AM	Whale Tail	Emulsion Pad	Caribou	21	Grazing	Louis Dubois	Samuel Tapp	Monitored the area
2019-09-02	11:00:00 AM	Whale Tail	Whale Tail Haul Road KM 151	Musk-ox	35	Walking	Kevin Martee		Monitored the area
2019-09-03	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	Hugh	IT	No action required
2019-09-03	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	100	Resting	Hugh	IT	No action required
2019-09-03	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	60	Resting	Hugh	IT	No action required
2019-09-03	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow owl	1	Flying	Hugh	IT	No action required
2019-09-03	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Fox	1	Walking	Hugh	IT	No action required
2019-09-03	1:30:00 PM	Whale Tail	Whale Tail Haul Road	Squirrel	1		Hugh	IT	No action required
2019-09-03	1:00:00 PM	Meadowbank	Vault Road	Snow geese	80	Resting	Hugh	IT	No action required
2019-09-03	5:20:00 PM	Whale Tail	Whale Tail Haul Road KM 124 60-100m E from the road	Snow geese	100	Resting	Hugh Nateela	Isabelle Tetrault	No action required
2019-09-03	5:12:00 PM	Whale Tail	Whale Tail Haul Road KM 130 5-100m E from the road	Snow geese	60	Resting	Hugh Nateela	Isabelle Tetrault	No action required
2019-09-03	3:10:00 PM	Whale Tail	Whale Tail Haul Road KM 172 5m E from the road	Short eared owl	1	Hunting	Hugh Nateela	Isabelle Tetrault	No action required
2019-09-03	1:23:00 PM	Whale Tail	Whale Tail Haul Road KM 116	Squirrel	1	Dead	Isabelle Tetrault	Hugh Nateela	No action required
2019-09-03	2:50:00 PM	Whale Tail	Whale Tail Haul Road KM 162	Fox	1	Walking	Isabelle T.	Hugh N.	No action required
2019-09-03	3:00:00 PM	Meadowbank	AWAR KM 32 300M E from road	Snow geese	300	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	3:00:00 PM	Meadowbank	AWAR KM 35 150m W from road	Snow geese	300	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	2:45:00 PM	Meadowbank	AWAR KM 43 100m E from road	Snow geese	250	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	2:20:00 PM	Meadowbank	AWAR KM 68 150m W from road	Snow geese	50	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	2:05:00 PM	Meadowbank	AWAR KM 74 150m W from road	Snow geese	50	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	2:00:00 PM	Meadowbank	AWAR KM 78 250m E from road	Snow geese	125	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	1:00:00 PM	Meadowbank	AWAR KM 80 20m E from road	Sandhill cranes	1	Immobile	Victor U.	Isabelle C.	No action required
2019-09-03	1:50:00 PM	Meadowbank	AWAR KM 83 150m W from road	Snow geese	150	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	1:40:00 PM	Meadowbank	AWAR KM 89 250m W from road	Snow geese	100	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	1:30:00 PM	Meadowbank	AWAR KM 94 200m W from road	Snow geese	300	Resting	Victor U.	Isabelle C.	No action required
2019-09-03	1:20:00 PM	Meadowbank	AWAR KM 101 150m S from road	Snow geese	40	Resting	Victor U.	Isabelle C.	No action required
2019-09-04	11:40:00 AM	Whale Tail	Whale Tail Haul Road - HOL 5	Snow geese	10	Flying	H.N.	I.T	No action required
2019-09-04	10:15:00 AM	Whale Tail	Whale Tail Haul Road - HOL 4	Snow owl	1	Hunting	H.N.	I.T	No action required
2019-09-04	10:15:00 AM	Whale Tail	Whale Tail Haul Road - HOL 4	Snow geese	60	Resting	H.N.	I.T	No action required
2019-09-04	2:45:00 PM	Whale Tail	Whale Tail Haul Road - HOL 3	Snow geese	20	Flying	H.N.	I.T	No action required
2019-09-04	2:45:00 PM	Whale Tail	Whale Tail Haul Road - HOL 3	Caribou	2	Eating	H.N.	I.T	No action required
2019-09-04	2:45:00 PM	Whale Tail	Whale Tail Haul Road - HOL 3	Snow geese	80	Resting	H.N.	I.T	No action required
2019-09-04	4:05:00 PM	Whale Tail	Whale Tail Haul Road - HOL 2	Snow geese	20	Eating	H.N.	I.T	No action required
2019-09-04	4:55:00 PM	Whale Tail	Whale Tail Haul Road - HOL 1	Snow geese	35	Eating	H.N.	I.T	No action required
2019-09-04	4:55:00 PM	Whale Tail	Whale Tail Haul Road - HOL	Snow geese	35	Eating	H.N.	I.T	No action required
2019-09-05	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	40	Eating	H.N.	I.C.	No action required
2019-09-05	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Sandhill cranes	2	Eating	H.N.	I.C.	No action required
2019-09-05	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	20	Resting	H.N.	I.C.	No action required
2019-09-05	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Raven	2	Resting	H.N.	I.C.	No action required
2019-09-05	4:30:00 PM	Whale Tail	Whale Tail Haul Road	Squirrel	1	Eating	H.N.	I.C.	No action required
2019-09-05	3:04:00 PM	Whale Tail	Whale Tail Haul Road	Long tailed ducks	1	Swimming	H.N.	I.C.	No action required
2019-09-05	3:04:00 PM	Whale Tail	Whale Tail Haul Road	Bald eagle	1	Hunting	H.N.	I.C.	No action required
2019-09-05	2:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Eating	H.N.	I.C.	No action required
2019-09-05	2:10:00 PM	Whale Tail	Whale Tail Haul Road	Squirrel	1	Running	H.N.	I.C.	No action required
2019-09-05	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow owl	1	Flying	H.N.	I.C.	No action required
2019-09-06	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Crossing the road	Joe A		No action required
2019-09-06	8:24:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	40	Eating	Joe A		No action required
2019-09-06	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Sandhill cranes	2	Eating	Joe A		No action required
2019-09-06	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	20	Resting	Joe A		No action required
2019-09-06	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	20	Resting	Joe A		No action required
2019-09-06	7:50:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	30	Resting	Joe A		No action required
2019-09-06	2:15:00 PM	Meadowbank	AWAR	Snow geese	250	Resting	V.U	I.T	No action required
2019-09-06	1:57:00 PM	Meadowbank	AWAR	Snow geese	12	Resting	V.U	I.T	No action required
2019-09-06	1:47:00 PM	Meadowbank	AWAR	Snow geese	180	Resting	V.U	I.T	No action required
2019-09-06	1:40:00 PM	Meadowbank	AWAR	Snow geese	250	Resting	V.U	I.T	No action required
2019-09-06	1:38:00 PM	Meadowbank	AWAR	Snow geese	6	Resting	V.U	I.T	No action required
2019-09-06	1:33:00 PM	Meadowbank	AWAR	Snow geese	275	Resting	V.U	I.T	No action required
2019-09-06	1:19:00 PM	Meadowbank	AWAR	Snow geese	200	Resting	V.U	I.T	No action required
2019-09-06	1:30:00 PM	Meadowbank	AWAR	Snow geese	125	Resting	V.U	I.T	No action required
2019-09-06	1:19:00 PM	Meadowbank	AWAR	Snow geese	60	Resting	V.U		No action required

2019-09-06	1:15:00 PM	Meadowbank	AWAR	Peregrine falcon	2	Flying	V.U	I.T	No action required
2019-09-06	1:05:00 PM	Meadowbank	AWAR	Snow geese	175	Resting	V.U	I.T	No action required
2019-09-06	1:00:00 PM	Meadowbank	AWAR	Snow geese	75	Flying	V.U	I.T	No action required
2019-09-06	1:00:00 PM	Meadowbank	AWAR	Snow geese	40	Resting	V.U	I.T	No action required
2019-09-06	12:47:00 PM	Meadowbank	AWAR	Snow geese	14	Resting	V.U	I.T	No action required
2019-09-06	9:00:00 AM	Meadowbank	AWAR	Fox	1	Walking	V.U	I.T	No action required
2019-09-06	3:15:00 PM	Meadowbank	AWAR	Arctic hare	1	Resting	V.U	I.T	No action required
2019-09-06	3:00:00 PM	Meadowbank	AWAR	Snow geese	20	Resting	V.U	I.T	No action required
2019-09-06	3:00:00 PM	Meadowbank	AWAR	Peregrine falcon	1	Flying	V.U	I.T	No action required
2019-09-06	3:00:00 PM	Meadowbank	AWAR	Snow geese	160	Resting	V.U	I.T	No action required
2019-09-06	3:00:00 PM	Meadowbank	AWAR	Snow geese	260	Resting	V.U	I.T	No action required
2019-09-06	9:00:00 AM	Meadowbank	AWAR	Snow geese	155	Resting	V.U	I.T	No action required
2019-09-06	2:40:00 PM	Meadowbank	AWAR	Snow geese	236	Resting	V.U	I.T	No action required
2019-09-06	2:30:00 PM	Meadowbank	AWAR	Snow geese	155	Resting	V.U	I.T	No action required
2019-09-06	2:22:00 PM	Meadowbank	AWAR	Snow geese	160	Resting	V.U	I.T	No action required
2019-09-06	12:00:00 PM	Whale Tail	Whale Tail Pit Area	Caribou			JL		Monitored the area
2019-09-06	9:00:00 AM	Meadowbank	Entrance Portage Pit	Wolverine	1	Running	mine employee		Monitored the area
2019-09-07	6:20:00 AM	Meadowbank	Fresh Water Barge	Wolf	1	Walking	Isabelle C.	Isabelle T.	Monitored the area
2019-09-10	3:00:00 PM	Meadowbank	AWAR	Snow geese	150	Resting	V.U		No action required
2019-09-10	2:52:00 PM	Meadowbank	AWAR	Snow geese	60	Resting	V.U		No action required
2019-09-10	2:46:00 PM	Meadowbank	AWAR	Snow geese	35	Resting	V.U		No action required
2019-09-10	2:40:00 PM	Meadowbank	AWAR	Snow geese	125	Resting	V.U		No action required
2019-09-10	2:35:00 PM	Meadowbank	AWAR	Snow geese	250	Resting	V.U		No action required
2019-09-10	2:09:00 PM	Meadowbank	AWAR	Snow geese	325	Resting	V.U		No action required
2019-09-10	1:59:00 PM	Meadowbank	AWAR	Snow geese	65	Resting	V.U		No action required
2019-09-10	1:54:00 PM	Meadowbank	AWAR	Snow geese	250	Resting	V.U		No action required
2019-09-10	1:27:00 PM	Meadowbank	AWAR	Snow geese	40	Resting	V.U		No action required
2019-09-10	1:16:00 PM	Meadowbank	AWAR	Snow geese	150	Resting	V.U		No action required
2019-09-10	1:14:00 PM	Meadowbank	AWAR	Snow geese	200	Resting	V.U		No action required
2019-09-10	1:09:00 PM	Meadowbank	AWAR	Snow geese	150	Resting	V.U		No action required
2019-09-10	12:57:00 PM	Meadowbank	AWAR	Snow geese	75	Resting	V.U		No action required
2019-09-10	12:47:00 PM	Meadowbank	AWAR	Snow geese	50	Resting	V.U		No action required
2019-09-10	12:45:00 PM	Meadowbank	AWAR	Snow geese	16	Resting	V.U		No action required
2019-09-10	4:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	J.P.		No action required
2019-09-10	4:14:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	10	Eating	J.P.		No action required
2019-09-10	2:26:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	J.P.		No action required
2019-09-10	1:45:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	30	Eating	J.P.		No action required
2019-09-11	2:49:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Resting	J.P.		No action required
2019-09-11	1:46:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	40	Resting	J.P.		No action required
2019-09-11	1:42:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Eating	J.P.		No action required
2019-09-11	11:42:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	30	Resting	J.P.		No action required
2019-09-11	10:09:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	24	Eating	J.P.		No action required
2019-09-11	2:50:00 PM	Whale Tail	Whale Tail Haul Road - HOL 5	Caribou	16	Eating	J.P.		No action required
2019-09-11	2:50:00 PM	Whale Tail	Whale Tail Haul Road - HOL 5	Caribou	3	Eating	J.P.		No action required
2019-09-11	2:10:00 PM	Whale Tail	Whale Tail Haul Road - HOL 4	Snow geese	20	Eating	J.P.		No action required
2019-09-11	2:10:00 PM	Whale Tail	Whale Tail Haul Road - HOL 4	Snow geese	30	Eating	J.P.		No action required
2019-09-11	4:43:00 PM	Whale Tail	Whale Tail Haul Road - HOL 3	Snow geese	10	Flying	J.P.		No action required
2019-09-11	4:43:00 PM	Whale Tail	Whale Tail Haul Road - HOL 3	Snow geese	33	Eating	J.P.		No action required
2019-09-11	4:30:00 PM	Whale Tail	Whale Tail Haul Road - HOL 2	Snow geese	33	Eating	J.P.		No action required
2019-09-11	12:00:00 PM	Whale Tail	Whale Tail Pit Area	Caribou			FL	JA, JL	Monitored the area
2019-09-12	4:00:00 PM	Whale Tail	Whale Tail Haul Road	Peregrine falcon	1	Flying	J.P.	D.T.	No action required
2019-09-12	2:35:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	6	Flying	J.P.	D.T.	No action required
2019-09-12	2:18:00 PM	Whale Tail	Whale Tail Haul Road	Rough legged hawk	13	Flying	J.P.	D.T.	No action required
2019-09-12	2:11:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	7	Resting	J.P.	D.T.	No action required
2019-09-12	1:51:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	16	Resting	J.P.	D.T.	No action required
2019-09-12	1:45:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Resting	J.P.	D.T.	No action required
2019-09-12	1:38:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Eating	J.P.	D.T.	No action required
2019-09-12	12:53:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	9	Flying	J.P.	D.T.	No action required
2019-09-12	12:36:00 PM	Whale Tail	Whale Tail Haul Road	Bald eagle	1	Flying	J.P.	D.T.	No action required
2019-09-12	9:50:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Eating	J.P.	D.T.	No action required
2019-09-12	12:00:00 PM	Whale Tail	Whale Tail Pit Area	Caribou			FL	JL, JA	Monitored the area
2019-09-13	3:39:00 PM	Meadowbank	AWAR	Snow geese	100	Flying	V.U	I.C.	No action required
2019-09-13	3:31:00 PM	Meadowbank	AWAR	Snow geese	25	Flying	V.U	I.C.	No action required
2019-09-13	3:59:00 PM	Meadowbank	AWAR	Snow geese	110	Flying	V.U	I.C.	No action required
2019-09-13	3:19:00 PM	Meadowbank	AWAR	Snow geese	60	Flying	V.U	I.C.	No action required
2019-09-13	3:00:00 PM	Meadowbank	AWAR	Snow geese	70	Resting	V.U	I.C.	No action required
2019-09-13	2:54:00 PM	Meadowbank	AWAR	Snow geese	30	Resting	V.U	I.C.	No action required

2019-09-13	2:47:00 PM	Meadowbank	AWAR	Snow geese	50	Flying	V.U	I.C.	No action required
2019-09-13	2:44:00 PM	Meadowbank	AWAR	Rough legged hawk	2	Resting	V.U	I.C.	No action required
2019-09-13	2:44:00 PM	Meadowbank	AWAR	Snow geese	48	Resting	V.U	I.C.	No action required
2019-09-13	2:38:00 PM	Meadowbank	AWAR	Snow geese	25	Resting	V.U	I.C.	No action required
2019-09-13	2:14:00 PM	Meadowbank	AWAR	Snow geese	20	Resting	V.U	I.C.	No action required
2019-09-13	2:13:00 PM	Meadowbank	AWAR	Snow geese	125	Resting	V.U	I.C.	No action required
2019-09-13	2:11:00 PM	Meadowbank	AWAR	Snow geese	20	Resting	V.U	I.C.	No action required
2019-09-13	1:57:00 PM	Meadowbank	AWAR	Snow geese	35	Flying	V.U	I.C.	No action required
2019-09-13	1:49:00 PM	Meadowbank	AWAR	Snow geese	42	Flying	V.U	I.C.	No action required
2019-09-13	1:40:00 PM	Meadowbank	AWAR	Snow geese	60	Flying	V.U	I.C.	No action required
2019-09-13	1:38:00 PM	Meadowbank	AWAR	Snow geese	40	Resting	V.U	I.C.	No action required
2019-09-13	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Resting	D.T		No action required
2019-09-13	8:41:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	32	Resting	D.T		No action required
2019-09-13	8:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	11	Eating	D.T		No action required
2019-09-13	2:00:00 PM	Whale Tail	Behind WTS lake	Caribou	20	Grazing	FL	JL, JA	No action required
2019-09-15	4:00:00 PM	Meadowbank	Landfill	Wolf	1	Running	Joseph A.		Deterred. Successful
2019-09-16	12:30:00 PM	Whale Tail	Whale Tail Haul Road KM 172	Caribou	24		LHT driver		Monitored the area
2019-09-16	9:00:00 AM	Meadowbank	Km 52 West side	Caribou	2	Grazing	Morgan Gillis (Artic fuel)		No action required
2019-09-17	5:15:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	4	Walking	Joe A	Hugh	No action required
2019-09-17	4:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Grazing	Joe A	Hugh	No action required
2019-09-17	4:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	7	Grazing	Joe A	Hugh	No action required
2019-09-17	4:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	12	Walking	Joe A	Hugh	No action required
2019-09-17	3:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Grazing	Joe A	Hugh	No action required
2019-09-17	2:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Grazing	Joe A	Hugh	No action required
2019-09-19	11:10:00 AM	Whale Tail	Whale Tail Haul Road - HOL 4	Snow geese	50	Eating	AJ Blake	Hugh	No action required
2019-09-19	10:15:00 AM	Whale Tail	Whale Tail Haul Road - HOL 3	Snow geese	20	Eating	AJ Blake	Hugh	No action required
2019-09-19	10:15:00 AM	Whale Tail	Whale Tail Haul Road - HOL 3	Ptarmigan	15	Flying	AJ Blake	Hugh	No action required
2019-09-19	10:15:00 AM	Whale Tail	Whale Tail Haul Road - HOL 3	Snow geese	6	Flying	AJ Blake	Hugh	No action required
2019-09-19	8:30:00 AM	Whale Tail	Whale Tail Haul Road - HOL 1	Snow geese	20	Flying	AJ Blake	Hugh	No action required
2019-09-19	12:30:00 PM	Meadowbank	AWAR	Caribou	15	Grazing	AJ Blake	Hugh	No action required
2019-09-19	12:00:00 PM	Meadowbank	AWAR	Caribou	40	Grazing	AJ Blake	Hugh	No action required
2019-09-19	11:40:00 AM	Meadowbank	AWAR	Caribou	6	Grazing	AJ Blake	Hugh	No action required
2019-09-19	8:00:00 AM	Meadowbank	AWAR	Bald eagle	1	Flying	AJ Blake	Hugh	No action required
2019-09-19	3:15:00 PM	Meadowbank	AWAR	Snow geese	12	Resting	V.U	N	No action required
2019-09-19	3:00:00 PM	Meadowbank	AWAR	Snow geese	100	Resting	V.U	N	No action required
2019-09-19	2:41:00 PM	Meadowbank	AWAR	Snow geese	25	Resting	V.U	N	No action required
2019-09-19	2:40:00 PM	Meadowbank	AWAR	Snow geese	250	Resting	V.U	N	No action required
2019-09-19	2:32:00 PM	Meadowbank	AWAR	Snow geese	75	Resting	V.U	N	No action required
2019-09-19	2:22:00 PM	Meadowbank	AWAR	Snow geese	125	Resting	V.U	N	No action required
2019-09-19	2:10:00 PM	Meadowbank	AWAR	Snow geese	50	Resting	V.U	N	No action required
2019-09-19	2:30:00 PM	Meadowbank	AWAR	Snow geese	45	Resting	V.U	N	No action required
2019-09-19	2:00:00 PM	Meadowbank	AWAR	Snow geese	65	Resting	V.U	N	No action required
2019-09-19	1:30:00 PM	Meadowbank	AWAR	Snow geese	15	Resting	V.U	N	No action required
2019-09-19	1:24:00 PM	Meadowbank	AWAR	Snow geese	75	Resting	V.U	N	No action required
2019-09-19	1:23:00 PM	Meadowbank	AWAR	Snow geese	30	Resting	V.U	N	No action required
2019-09-19	1:14:00 PM	Meadowbank	AWAR	Snow geese	35	Resting	V.U	N	No action required
2019-09-19	1:00:00 PM	Meadowbank	AWAR	Snow geese	50	Resting	V.U	N	No action required
2019-09-20	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Ptarmigan	4	Eating	AJ Blake	Hugh	No action required
2019-09-20	10:30:00 AM	Whale Tail	Whale Tail Haul Road	Snow geese	20	Eating	AJ Blake	Hugh	No action required
2019-09-20	9:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	4	Grazing	AJ Blake	Hugh	No action required
2019-09-20	9:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	12	Eating	AJ Blake	Hugh	No action required
2019-09-20	7:30:00 AM	Whale Tail	Whale Tail Haul Road	Arctic hare	1	Eating	AJ Blake	Hugh	No action required
2019-09-20		Whale Tail	Whale Tail Haul Road	Snow owl	1	Resting	AJ Blake	Hugh	No action required
2019-09-20	2:00:00 PM	Meadowbank	AWAR	Snow geese	10	Resting	V.U	AJ Blake	No action required
2019-09-20	3:00:00 PM	Meadowbank	AWAR	Peregrine falcon	1	Flying	V.U	AJ Blake	No action required
2019-09-20	2:00:00 PM	Meadowbank	AWAR	Snow geese	50	Resting	V.U	AJ Blake	No action required
2019-09-20	1:30:00 PM	Meadowbank	AWAR	Snow geese	5	Resting	V.U	AJ Blake	No action required
2019-09-20	10:30:00 AM	Meadowbank	AWAR	Caribou	1		V.U	AJ Blake	No action required
2019-09-20	2:00:00 PM	Whale Tail	Whale Tail Haul Road by road 7, 100 m	Caribou	7	Resting	FL, LD	RA	Monitored the area
2019-09-21	7:30:00 PM	Whale Tail	Whale Tail Haul Road KM 139	Caribou	40		Dispatch		Monitored the area
2019-09-22	1:00:00 PM	Whale Tail	Whale Tail Haul Road KM 135	Caribou	8	Walking	AJ Blake		Monitored the area
2019-09-22	12:00:00 PM	Whale Tail	Whale Tail Haul Road KM 141	Caribou	60	Walking	AJ Blake		Monitored the area
2019-09-22	11:00:00 AM	Whale Tail	Whale Tail Haul Road KM 142	Caribou	60	Resting	AJ Blake		Monitored the area
2019-09-22	10:00:00 AM	Whale Tail	Whale Tail Haul Road KM 142	Caribou	60	Eating	AJ Blake		Monitored the area
2019-09-22	7:50:00 AM	Whale Tail	Whale Tail Haul Road KM 141	Caribou	25	Eating	AJ Blake		Monitored the area
2019-09-22	7:40:00 AM	Whale Tail	Whale Tail Haul Road KM 142	Caribou	8	Crossing the road	AJ Blake		Monitored the area

2019-09-22	7:30:00 AM	Whale Tail	Whale Tail Haul Road KM 139	Caribou	30	Crossing the road	AJ Blake		Monitored the area
2019-09-22	7:30:00 AM	Whale Tail	Whale Tail Haul Road KM 170	Caribou	22	Grazing	Kein Martee		Monitored the area
2019-09-23	8:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	14	Grazing	Kevin Martee		Monitored the area
2019-09-24	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	50	Resting	AJ Blake		No action required
2019-09-24	1:39:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	60	Eating	AJ Blake		No action required
2019-09-24	3:30:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	14	Resting	VU	MA	No action required
2019-09-24	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	12	Resting	VU	MA	No action required
2019-09-24	3:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	15	Resting	VU	MA	No action required
2019-09-24	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	16	Resting	VU	MA	No action required
2019-09-24	1:30:00 PM	Whale Tail	Whale Tail Haul Road	Snow geese	6	Resting	VU	MA	No action required
2019-09-24	1:30:00 PM	Whale Tail	Whale Tail Haul Road	Arctic hare	2	Resting	VU	MA	No action required
2019-09-24	8:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	20	Resting	Kevin Martee		Monitored the area
2019-09-24	12:00:00 PM	Whale Tail	Whale Tail Pit Area	Caribou			Louis Dubois		Monitored the area
2019-09-25	10:30:00 AM	Whale Tail	Whale Tail Haul Road - HOL 2	Arctic hare	3	Resting	M.A	A.B.	No action required
2019-09-25	2:30:00 PM	Whale Tail	Whale Tail Haul Road	Fox	1	Observing	MA	AB	No action required
2019-09-25	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Arctic hare	1	Walking	MA	AB	No action required
2019-09-25	9:00:00 AM	Whale Tail	FGL area	Caribou	65	Grazing	Louis Dubois	Samuel Tapp	Monitored the area
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2019-10-01	8:18:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Eating	JP	IT	
2019-10-01	6:11:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	400	Walking	Joe		
2019-10-01	2:50:00 PM	Whale Tail	Whaile Tail Haul Road	Caribou	19	Walking	Joe		
2019-10-02	6:00:00 PM	Whale Tail	Whaile Tail Haul Road KM 125	Arctic hare	1	Walking	Joseph P		
2019-10-02	12:00:00 PM	Whale Tail	Whaile Tail Haul Road KM 122	Caribou	500	Eating	Joseph P		
2019-10-02	11:30:00 AM	Whale Tail	Whaile Tail Haul Road KM 124	Caribou	154	Walking	Joseph P		
2019-10-02	10:00:00 AM	Whale Tail	Whaile Tail Haul Road KM 120	Caribou	77	Walking	Joseph P		
2019-10-02	8:00:00 AM	Whale Tail	Whaile Tail Haul Road KM 117	Caribou	27	Walking	Joseph P		
2019-10-02	8:00:00 AM	Whale Tail	Whaile Tail Haul Road KM 120	Caribou	24	Eating	Joseph P		
2019-10-02	5:46:00 PM	Whale Tail	Whale Tail Haul Road	Arctic hare	1	Walking	JP	MA	
2019-10-02	11:59:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	209	Walking	JP	MA	
2019-10-02	11:43:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	154	Walking	JP	MA	
2019-10-02	9:57:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	77	Walking	JP	MA	
2019-10-02	7:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	27	Walking	JP	MA	
2019-10-02	8:13:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	24	Eating	JP	MA	
2019-10-03	5:25:00 PM	Whale Tail	Whaile Tail Haul Road KM 124	Fox	1	Walking	Joseph P	Isabelle T	
2019-10-03	3:30:00 PM	Whale Tail	Whaile Tail Haul Road KM 129	Caribou	80	Walking	Joseph P	Isabelle T	
2019-10-03	8:40:00 AM	Whale Tail	Whaile Tail Haul Road KM 128	Caribou	100	Walking	Joseph P	Isabelle T	
2019-10-03	8:36:00 AM	Whale Tail	Whaile Tail Haul Road KM 126	Caribou	1	Walking	Joseph P	Isabelle T	
2019-10-03	8:30:00 AM	Whale Tail	Whaile Tail Haul Road KM 126	Caribou	1	Eating	Joseph P	Isabelle T	
2019-10-03	8:25:00 AM	Whale Tail	Whaile Tail Haul Road KM 125	Caribou	5	Eating	Joseph P	Isabelle T	
2019-10-03	8:18:00 AM	Whale Tail	Whaile Tail Haul Road KM 125	Caribou	1	Walking	Joseph P	Isabelle T	
2019-10-03	8:10:00 AM	Whale Tail	Whaile Tail Haul Road KM 124	Caribou	7	Eating	Joseph P	Isabelle T	
2019-10-03	2:30:00 PM	Whale Tail	Whale Tail Haul Road - HOL 2	Caribou	100	Eating	JP	IT	
2019-10-03	5:25:00 PM	Whale Tail	Whale Tail Haul Road	Fox	1	Walking	JP	IT	
2019-10-03	3:31:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	80	Resting	JP	IT	
2019-10-03	8:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	JP	IT	
2019-10-03	8:36:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	JP	IT	
2019-10-03	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Eating	JP	IT	
2019-10-03	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	JP	IT	
2019-10-03	8:25:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Eating	JP	IT	
2019-10-03	8:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	7	Resting	JP	IT	
2019-10-04	2:48:00 PM	Meadowbank	AWAR KM 79	Rough legged hawk	1	Flying	VU	IC	
2019-10-04	11:05:00 AM	Whale Tail	Whaile Tail Haul Road KM 128	Caribou	3	Running	Joseph P	Isabelle T	
2019-10-04	9:20:00 AM	Whale Tail	Whaile Tail Haul Road KM 128	Caribou	9	Eating	Joseph P	Isabelle T	
2019-10-04	9:09:00 AM	Whale Tail	Whaile Tail Haul Road KM 127	Caribou	11	Eating	Joseph P	Isabelle T	
2019-10-04	9:03:00 AM	Whale Tail	Whaile Tail Haul Road KM 127	Caribou	16	Eating	Joseph P	Isabelle T	
2019-10-04	9:00:00 AM	Whale Tail	Whaile Tail Haul Road KM 126	Caribou	23	Eating	Joseph P	Isabelle T	
2019-10-04	8:53:00 AM	Whale Tail	Whaile Tail Haul Road KM 126	Caribou	5	Resting	Joseph P	Isabelle T	
2019-10-04	3:00:00 PM	Meadowbank	AWAR KM 79	Rough legged hawk	1	Flying	Victor U.	Isabelle C.	
2019-10-04	11:05:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Running	JP	IT	
2019-10-04	9:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	9	Eating	JP	IT	
2019-10-04	9:09:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	11	Eating	JP	IT	
2019-10-04	9:03:00 AM	Whale Tail	Whale tail Haul Road	Caribou	16	Eating	JP	IT	
2019-10-04	9:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	23	Resting	JP	IT	
2019-10-04	8:23:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	5	Resting	JP	IT	
2019-10-05	9:10:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	500	Eating	IC		

2019-10-05	9:00:00 AM	Whale Tail	Whaile Tail Haul Road KM 129 200m E from road	Caribou	500	Grazing	Isabelle C.		
2019-10-06	3:40:00 PM	Whale Tail	Whaile Tail Haul Road KM 130	Caribou	250	Eating	Jacqui Levy		
2019-10-08	5:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	JP	IC	
2019-10-08	5:44:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	8	Eating	JP	IC	
2019-10-08	4:43:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	47	Eating	JP	IC	
2019-10-08	4:36:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Eating	JP	IC	
2019-10-08	4:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Resting	JP	IC	
2019-10-08	3:11:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	500	Eating	JP	IC	
2019-10-08	2:08:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	JP	IC	
2019-10-08	11:00:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	IC		
2019-10-08	10:07:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	300	Walking	IC		
2019-10-08	9:20:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Eating	IC		
2019-10-08	8:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	30	Walking	IC		
2019-10-08	4:30:00 PM	Whale Tail	Whale Tail Haul Road KM 163, east 200m	Caribou	75	Grazing	FL		
2019-10-08	4:00:00 PM	Whale Tail	Whale Tail Haul Road KM 150, east 15m	Caribou	50	Grazing	FL		
2019-10-08	4:00:00 PM	Whale Tail	Whale Tail Haul Road KM 136 East 1.1 km	Caribou	100	Grazing	FL		
2019-10-08	3:00:00 PM	Whale Tail	Whale Tail Haul Road KM 134 700m East	Caribou	125	Grazing	FL		
2019-10-08	3:00:00 PM	Whale Tail	Whale Tail Haul Road KM 126 100m East	Caribou	300		FL		
2019-10-08		Whale Tail	Whale Tail Haul Road KM 125 West	Caribou	200		FL		
2019-10-09	8:50:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	3	Resting	JP	IT	
2019-10-09	6:15:00 PM	Meadowbank	Vault Haul Road	Caribou	25	Eating	JP	IT	
2019-10-09	6:04:00 PM	Meadowbank	Vault Haul Road	Caribou	8	Walking	JP	IT	
2019-10-09	1:43:00 PM	Meadowbank	Vault Haul Road	Caribou	35	Walking	JP	IT	
2019-10-09	1:43:00 PM	Meadowbank	Vault Haul Road	Caribou	225	Resting	JP	IT	
2019-10-09	12:54:00 PM	Meadowbank	Vault Haul Road	Musk-ox	1	Eating	JP	IT	
2019-10-09	12:54:00 PM	Meadowbank	Vault Haul Road	Caribou	1	Eating	JP	IT	
2019-10-09	11:10:00 AM	Meadowbank	Vault Haul Road	Caribou	6	Eating	JP	IT	
2019-10-09	10:30:00 AM	Meadowbank	Vault Haul Road	Caribou	70	Eating	JP	IT	
2019-10-09	10:00:00 AM	Meadowbank	Vault Haul Road	Caribou	192	Eating	JP	IT	
2019-10-09	9:40:00 AM	Meadowbank	Vault Haul Road	Caribou	4	Eating	JP	IT	
2019-10-09	9:40:00 AM	Meadowbank	Vault Haul Road	Caribou	6	Eating	JP	IT	
2019-10-09	9:24:00 AM	Meadowbank	Vault Haul Road	Snow owl	1	Flying	JP	IT	
2019-10-09	8:00:00 AM	Meadowbank	Vault Haul Road	Caribou	9	Walking	JP	IT	
2019-10-09	1:55:00 PM	Whale Tail	Whale Tail Haul Road KM 173	Caribou	400	Grazing	Jacqui Levy		
2019-10-09	1:45:00 PM	Whale Tail	Whale Tail Haul Road KM 177	Caribou	50	Walking	Jacqui Levy		
2019-10-09	11:00:00 AM	Whale Tail	Whale Tail Haul Road KM 173.5	Caribou	200	Grazing	Jacqui Levy		
2019-10-09	10:00:00 PM	Whale Tail	Whale Tail Haul Road KM 154 west	Caribou	50		Nancy D		
2019-10-09	9:30:00 PM	Whale Tail	Whale Tail Haul Road KM 159	Caribou	1	Grazing	Nancy D		
2019-10-09	9:30:00 PM	Whale Tail	Whale Tail Haul Road KM 164	Caribou	20	Walking	Nancy D		
2019-10-09	9:00:00 PM	Whale Tail	Whale Tail Haul Road KM 166 east	Caribou	2	Walking	Nancy D		
2019-10-09	5:00:00 PM	Whale Tail	Whale Tail Haul Road KM 172	Caribou	100	Crossing the road	Nancy D		
2019-10-09	4:00:00 PM	Whale Tail	Whale Tail Haul Road KM 172.5	Caribou	350	Grazing	Nancy D		
2019-10-09	3:30:00 PM	Whale Tail	Whale Tail Haul Road KM 172, east and west	Caribou	90	Walking	Nancy D		
2019-10-09	3:00:00 PM	Whale Tail	Whale Tail Haul Road KM 150	Caribou	75	Crossing the road	Nancy D		
2019-10-09	2:30:00 PM	Whale Tail	Whale Tail Haul Road KM 149 East	Caribou	150	Grazing	Nancy D		
2019-10-09	2:30:00 PM	Whale Tail	Whale Tail Haul Road KM 148	Caribou	100	Swimming	Nancy D		
2019-10-09	11:30:00 AM	Whale Tail	Whale Tail Haul Road KM 147	Caribou	10	Immobile	Nancy D		
2019-10-09	11:30:00 AM	Meadowbank	Vault Haul Road	Caribou	100	Crossing the road	Nancy Duquet		
2019-10-10	5:54:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	JP	NS	
2019-10-10	5:43:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	250	Resting	JP	NS	
2019-10-10	5:37:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Resting	JP	NS	
2019-10-10	4:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	5	Eating	JP	NS	
2019-10-10	4:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	JP	NS	
2019-10-10	4:29:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	5	Walking	JP	NS	
2019-10-10	4:10:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	JP	NS	
2019-10-10	3:51:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	JP	NS	
2019-10-10	3:43:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	125	Walking	JP	NS	
2019-10-10	3:34:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	3	Walking	JP	NS	
2019-10-10	3:26:00 PM	Whale Tail	Whale Tail Haul Road	Fox	1	Walking	JP	NS	
2019-10-10	2:53:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	JP	NS	

2019-10-11	11:00:00 AM	Whale Tail	Whale Tail Haul Road KM 165, 100m east	Caribou	9	Walking	FL		
2019-10-11	10:30:00 AM	Whale Tail	Whale Tail Haul Road KM 169, 150m east	Caribou	20	Walking	FL		
2019-10-11	2:30:00 PM	Meadowbank	AWAR	Ptarmigan	2	Flying	AB	V.U.	
2019-10-11	2:30:00 PM	Meadowbank	AWAR	Arctic hare	1	Dead	AB	V.U.	
2019-10-11	10:45:00 AM	Whale Tail	Whale Tail Haul Road - HOL 5	Wolf	1	Running	JP		
2019-10-11	10:45:00 AM	Whale Tail	Whale Tail Haul Road - HOL 5	Caribou	48	Running	JP		
2019-10-11	10:45:00 AM	Whale Tail	Whale Tail Haul Road - HOL 5	Caribou	200	Eating	JP		
2019-10-11	9:30:00 AM	Whale Tail	Whale Tail Haul Road KM 171 West	Caribou	9	Walking	FL		
2019-10-11	12:36:00 PM	Whale Tail	Whale Tail Haul Road - HOL 4	Caribou	31	Walking	JP		
2019-10-11	4:56:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	42	Walking	JP		
2019-10-11	2:46:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	153	Eating	JP		
2019-10-11	2:41:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	9	Walking	JP		
2019-10-11	12:25:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	31	Walking	JP		
2019-10-11	4:30:00 PM	Whale Tail	Whale Tail Haul Road KM 172	Caribou	200	Crossing the road	FL		
2019-10-11	12:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	6	Eating	JP		
2019-10-11	12:05:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	26	Walking	JP		
2019-10-11	11:59:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	37	Eating	JP		
2019-10-11	11:40:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Eating	JP		
2019-10-11	9:58:00 AM	Whale Tail	Whale Tail Haul Road	Wolf	1	Walking	JP		
2019-10-11	9:52:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Resting	JP		
2019-10-11	9:44:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	40	Eating	JP		
2019-10-11	9:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	35	Eating	JP		
2019-10-11	4:00:00 PM	Whale Tail	Whale Tail Haul Road KM 165, 900 m.	Caribou	20	Walking	FL		
2019-10-11	3:30:00 PM	Whale Tail	Whale Tail Haul Road KM 150	Musk-ox	1	Grazing	FL		
2019-10-12	3:00:00 PM	Whale Tail	Whale Tail Haul Road KM 175 east	Caribou	150	Walking	FL		
2019-10-12	1:30:00 PM	Whale Tail	Whale Tail Haul Road KM 173, 300m east	Caribou	150	Walking	FL		
2019-10-12	11:00:00 AM	Whale Tail	Whale Tail Haul Road KM 150 east	Caribou	30	Grazing	FL		
2019-10-12	10:00:00 AM	Whale Tail	Whale Tail Haul Road KM 169, 300m east	Caribou	200	Grazing	FL		
2019-10-12	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	JP		
2019-10-12	3:24:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	125	Resting	JP		
2019-10-12	10:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	JP		
2019-10-12	9:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	100	Walking	JP		
2019-10-13	1:55:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	JP		
2019-10-13	1:33:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	100	Eating	JP		
2019-10-13	10:00:00 AM	Whale Tail	Whale Tail Haul Road KM 175 east, 300 m	Caribou	175	Walking	FL		
2019-10-14	4:30:00 PM	Whale Tail	Whale Tail Haul Road KM 159, 1.3km east	Caribou	500	Resting	FL		
2019-10-14	3:30:00 PM	Whale Tail	Whale Tail Haul Road KM 139, east 150m	Caribou	50	Immobile	FL		
2019-10-14	3:00:00 PM	Whale Tail	Whale Tail Haul Road KM 158 east, 200m	Caribou	175	Grazing	FL		
2019-10-14	11:00:00 AM	Whale Tail	Whale Tail Haul Road KM 128 east, 700m	Caribou	150	Grazing	FL		
2019-10-14	3:10:00 PM	Meadowbank	Vault Haul Road	Caribou	53	Walking	JP		
2019-10-14	2:31:00 PM	Meadowbank	Vault Haul Road	Caribou	2	Walking	JP		
2019-10-14	2:10:00 PM	Meadowbank	Vault Haul Road	Caribou	2	Walking	JP		
2019-10-14	10:38:00 AM	Meadowbank	Vault Haul Road	Caribou	250	Resting	JP		
2019-10-14	10:21:00 AM	Meadowbank	Vault Haul Road	Caribou	120	Walking	JP		
2019-10-14	10:00:00 AM	Meadowbank	Vault Haul Road	Caribou	11	Eating	JP		
2019-10-14	10:30:00 AM	Whale Tail	Whale Tail Haul Road - HOL 4	Caribou	250	Eating	JP		
2019-10-15	10:14:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	6		AB	JP	
2019-10-16	12:00:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Walking	AB	JP	
2019-10-18	3:28:00 PM	Meadowbank	AWAR	Arctic hare	1	Fleeing	AB	VU	
2019-10-18	3:28:00 PM	Meadowbank	AWAR	Fox	1	Walking	AB	VU	
2019-10-18	3:00:00 PM	Meadowbank	AWAR	Caribou	5	Eating	AB	VU	
2019-10-18	2:21:00 PM	Meadowbank	AWAR	Caribou	70	Eating	AB	VU	
2019-10-18	2:12:00 PM	Meadowbank	AWAR	Caribou	1	Eating	AB	VU	
2019-10-18	2:05:00 PM	Meadowbank	AWAR	Caribou	75	Eating	AB	VU	
2019-10-18	1:52:00 PM	Meadowbank	AWAR	Caribou	2	Eating	AB	VU	
2019-10-18	11:45:00 AM	Meadowbank	AWAR	Caribou	50	Eating	AB	VU	
2019-10-18	11:30:00 AM	Meadowbank	AWAR	Caribou	2	Eating	AB	VU	
2019-10-18	11:24:00 AM	Meadowbank	AWAR	Caribou	50	Eating	AB	VU	

2019-10-19	2:20:00 PM	Meadowbank	AWAR	Caribou	1	Walking	NS		
2019-10-19	2:20:00 PM	Meadowbank	AWAR	Caribou	1	Walking	NS		
2019-10-19	11:00:00 AM	Whale Tail	Whale Tail Haul Road - HOL 2	Ptarmigan	15	Resting	AB	DN	
2019-10-19	1:45:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	50	Eating	AB	DN	
2019-10-19	12:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	20	Walking	AB	DN	
2019-10-19	11:30:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	200	Walking	AB	DN	
2019-10-20	11:45:00 AM	Meadowbank	AWAR	Caribou	1	Resting	DN		
2019-10-20	11:07:00 AM	Meadowbank	AWAR	Caribou	1	Resting	DN		
2019-10-20	10:56:00 AM	Meadowbank	AWAR	Caribou	55	Resting	DN		
2019-10-20	9:00:00 AM	Meadowbank	AWAR	Caribou	1	Resting	DN		
2019-10-20	10:08:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	15	Eating	AB	DN	
2019-10-20	9:45:00 AM	Whale Tail	Whale Tail Haul Road	Caribou	1	Sick or wounded	AB	DN	
2019-10-21	4:00:00 PM	Meadowbank	AWAR	Caribou	6	Resting	AB	DN	
2019-10-21	3:56:00 PM	Meadowbank	AWAR	Caribou	11	Resting	AB	DN	
2019-10-21	3:44:00 PM	Meadowbank	AWAR	Caribou	2	Resting	AB	DN	
2019-10-21	3:13:00 PM	Meadowbank	AWAR	Caribou	4	Resting	AB	DN	
2019-10-21	3:13:00 PM	Meadowbank	AWAR	Caribou	7	Resting	AB	DN	
2019-10-21	3:07:00 PM	Meadowbank	AWAR	Caribou	2	Resting	AB	DN	
2019-10-22	11:12:00 AM	Meadowbank	AWAR	Caribou	2	Resting	DN		
2019-10-22	11:06:00 AM	Meadowbank	AWAR	Caribou	80	Resting	DN		
2019-10-22	10:55:00 AM	Meadowbank	AWAR	Caribou	26	Resting	DN		
2019-10-22	10:48:00 AM	Meadowbank	AWAR	Caribou	5	Resting	DN		
2019-10-22	10:44:00 AM	Meadowbank	AWAR	Caribou	3	Resting	DN		
2019-10-22	10:40:00 AM	Meadowbank	AWAR	Caribou	2	Resting	DN		
2019-10-22	10:25:00 AM	Meadowbank	AWAR	Caribou	50	Resting	DN		
2019-10-22	9:58:00 AM	Meadowbank	AWAR	Caribou	5	Resting	DN		
2019-10-22	9:53:00 AM	Meadowbank	AWAR	Caribou	6	Resting	DN		
2019-10-22	2:22:00 PM	Meadowbank	AWAR	Caribou	10	Crossing the road	VU	DN	
2019-10-22	12:00:00 PM	Meadowbank	AWAR	Caribou	1	Eating	VU	DN	
2019-10-22	12:00:00 PM	Meadowbank	AWAR	Caribou	2	Eating	VU	DN	
2019-10-22	10:00:00 AM	Meadowbank	AWAR	Caribou	12	Walking	VU	DN	
2019-10-22	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	150	Walking	AB	HN	
2019-10-22	5:30:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	10	Crossing the road	AB	HN	
2019-10-22	5:00:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	2	Unknown	AB	HN	
2019-10-22	1:30:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	1	Observing	AB	HN	
2019-10-22	10:30:00 AM	Whale Tail	Whale Tail Haul Road KM 169	Caribou	40	Walking	Kevin Martee		
2019-10-23	10:43:00 AM	Meadowbank	AWAR	Ptarmigan	7	Eating	JK		
2019-10-23	10:32:00 AM	Meadowbank	AWAR	Ptarmigan	5	Flying	JK		
2019-10-23	10:05:00 AM	Meadowbank	AWAR	Caribou	30	Eating	JK		
2019-10-23	10:05:00 AM	Meadowbank	AWAR	Caribou	6	Walking	JK		
2019-10-23	10:00:00 AM	Meadowbank	AWAR	Ptarmigan	3	Flying	JK		
2019-10-23	5:30:00 PM	Meadowbank	Vault Kitchen	Wolverine	1	Walking	Dispatch	AB	
2019-10-24	4:16:00 PM	Meadowbank	AWAR	Caribou	60	Walking	JK		
2019-10-24	4:16:00 PM	Meadowbank	AWAR	Caribou	1	Walking	JK		
2019-10-24	12:17:00 PM	Meadowbank	AWAR	Caribou	1	Walking	JK		
2019-10-24	12:09:00 PM	Meadowbank	AWAR	Caribou	4	Running	JK		
2019-10-24	11:54:00 AM	Meadowbank	AWAR	Caribou	21	Walking	JK		
2019-10-24	11:42:00 AM	Meadowbank	AWAR	Caribou	2	Resting	JK		
2019-10-24	11:37:00 AM	Meadowbank	AWAR	Caribou	9	Walking	JK		
2019-10-25	2:35:00 PM	Meadowbank	AWAR	Caribou	53	Walking	Derek Nateela	V.U.	
2019-10-25	11:46:00 AM	Meadowbank	AWAR	Caribou	150	Walking	Derek Nateela	V.U.	
2019-10-25	11:00:00 AM	Meadowbank	AWAR	Caribou	50	Eating	Derek Nateela	V.U.	
2019-10-25	2:35:00 PM	Meadowbank	AWAR KM 74 700m E from road	Caribou	53	Walking	Victor U.	Darek N.	
2019-10-25	11:46:00 AM	Meadowbank	AWAR KM 73 700m E from road	Caribou	150	Walking	Victor U.		
2019-10-25	11:00:00 AM	Meadowbank	AWAR KM 62 900m E from road	Caribou	50	Immobile	Victor U.		
2019-10-26	5:40:00 PM	Meadowbank	AWAR	Arctic hare	1	Running	Derek Nateela	Isabelle Tétrault	
2019-10-26	5:10:00 PM	Meadowbank	AWAR	Caribou	13	Walking	Deref Nateela	Isabelle Tétrault	
2019-10-26	4:36:00 PM	Meadowbank	AWAR	Fox	1	Running	Derek Nateela	Isabelle Tétrault	
2019-10-26	4:06:00 PM	Meadowbank	AWAR	Caribou	85	Walking	Derek Nateela	Isabelle Tétrault	
2019-10-26	3:42:00 PM	Meadowbank	AWAR	Caribou	10	Resting	Derek Nateela	Isabelle Tétrault	
2019-10-26	12:44:00 PM	Meadowbank	AWAR	Caribou	650	Resting	Derek Nateela	Isabelle Tétrault	
2019-10-26	11:58:00 AM	Meadowbank	AWAR	Caribou	5	Running	Derek Nateela	Isabelle Tétrault	
2019-10-26	10:41:00 AM	Meadowbank	AWAR	Caribou	1	Walking	Derek Nateela	Isabelle Tétrault	
2019-10-26	10:19:00 AM	Meadowbank	AWAR	Caribou	1	Running	Derek Nateela	Isabelle Tétrault	
2019-10-27	6:36:00 PM	Meadowbank	AWAR	Caribou	200	Resting	Derek Nateela		
2019-10-27	6:30:00 PM	Meadowbank	AWAR	Caribou	300	Resting	Derek Nateela		
2019-10-27	6:25:00 PM	Meadowbank	AWAR	Caribou	80	Resting	Derek Nateela		

2019-10-27	6:44:00 PM	Meadowbank	AWAR	Caribou	200	Resting	Derek Nateela		
2019-10-27	4:56:00 PM	Meadowbank	AWAR	Fox	1	Walking	Derek Nateela		
2019-10-27	10:32:00 AM	Meadowbank	AWAR	Caribou	4000	Walking	Derek Nateela		
2019-10-29	6:44:00 PM	Whale Tail	Whale Tail Haul Road	Fox	1	Walking	Christopher Shapka	Isabelle Couture	
2019-10-29	5:20:00 PM	Meadowbank	AWAR	Musk-ox	1	Resting	Derek Nateela		
2019-10-29	5:00:00 PM	Meadowbank	AWAR	Caribou	20	Resting	Derek Nateela		
2019-10-29	4:30:00 PM	Meadowbank	AWAR	Caribou	80	Walking	Derek Nateela		
2019-10-29	3:30:00 PM	Meadowbank	AWAR	Caribou	30	Walking	Derek Nateela		
2019-10-29	2:52:00 PM	Meadowbank	AWAR	Caribou	1	Unknown	Derek Nateela		
2019-10-29	2:07:00 PM	Meadowbank	AWAR	Caribou	650	Walking	Derek Nateela		
2019-10-29	12:43:00 PM	Meadowbank	AWAR	Caribou	1000	Walking	Derek Nateela		
2019-10-29	12:40:00 PM	Meadowbank	AWAR	Caribou	500	Resting	Derek Nateela		
2019-10-29	12:30:00 PM	Meadowbank	AWAR	Caribou	10	Resting	Derek Nateela		
2019-10-29	12:25:00 PM	Meadowbank	AWAR	Caribou	500	Resting	Derek Nateela		
2019-10-29	12:20:00 PM	Meadowbank	AWAR	Caribou	250	Walking	Derek Nateela		
2019-10-29	12:15:00 PM	Meadowbank	AWAR	Caribou	17	Walking	Derek Nateela		
2019-10-29	10:53:00 AM	Meadowbank	AWAR	Caribou	2000	Resting	Derek Nateela		
2019-10-29	10:47:00 AM	Meadowbank	AWAR	Caribou	3	Resting	Derek Nateela		
2019-10-29	9:28:00 AM	Meadowbank	AWAR	Musk-ox	1	Resting	Derek Nateela		
2019-10-29	6:44:00 PM	Whale Tail	Whale Tail Haul Road KM 134 on the road	Fox	1	Walking	Chris Shapka	Isabelle Couture	
2019-10-30	6:30:00 PM	Meadowbank	AWAR	Caribou	200	Walking	DN		
2019-10-30	6:22:00 PM	Meadowbank	AWAR	Caribou	3	Walking	DN		
2019-10-30	6:10:00 PM	Meadowbank	AWAR	Caribou	6	Walking	DN		
2019-10-30	6:00:00 PM	Meadowbank	AWAR	Caribou	100	Walking	DN		
2019-10-30	5:37:00 PM	Meadowbank	AWAR	Caribou	69	Walking	DN		
2019-10-30	5:30:00 PM	Meadowbank	AWAR	Caribou	20	Resting	DN		
2019-10-30	5:30:00 PM	Meadowbank	AWAR	Caribou	40		DN		
2019-10-30	4:20:00 PM	Meadowbank	AWAR	Fox	1		DN		
2019-10-30	10:25:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	CS	IT	
2019-10-30	12:15:00 PM	Whale Tail	Whale Tail Haul Road	Wolverine	1	Running	CS	DN	
2019-10-30	9:53:00 AM	Whale Tail	Whale Tail Haul Road	Musk-ox	6	Immobile	CS	DN	
2019-10-30	3:37:00 PM	Meadowbank	AWAR	Caribou	50	Resting	IT		
2019-10-30	1:23:00 PM	Meadowbank	AWAR	Caribou	200	Running	IT		
2019-10-30	1:27:00 AM	Meadowbank	AWAR	Caribou	350	Walking	IT		
2019-10-30	2:08:00 PM	Meadowbank	AWAR	Caribou	100	Walking	IT		
2019-10-30	10:41:00 AM	Meadowbank	AWAR	Caribou	1000	Resting	IT		
2019-10-30	12:06:00 PM	Meadowbank	AWAR	Caribou	200	Walking	IT		
2019-10-30	11:59:00 AM	Meadowbank	AWAR	Caribou	40	Walking	IT		
2019-10-30	12:27:00 PM	Meadowbank	AWAR	Caribou	5	Running	IT		
2019-10-30	12:28:00 PM	Meadowbank	AWAR	Caribou	200	Running	IT		
2019-10-30	12:52:00 PM	Meadowbank	AWAR	Caribou	20	Running	IT		
2019-10-30	3:08:00 PM	Meadowbank	AWAR	Musk-ox	2	Walking	IT		
2019-10-30	1:01:00 AM	Meadowbank	AWAR	Caribou	300	Walking	IT		
2019-10-30	6:30:00 PM	Meadowbank	AWAR KM 18 200m E from road	Caribou	200	Walking	Derek N.		
2019-10-30	6:22:00 PM	Meadowbank	AWAR KM 20 150m W from road	Caribou	3	Resting	Derek N.		
2019-10-30	6:10:00 PM	Meadowbank	AWAR KM 32 400m E from road	Caribou	6	Walking	Derek N.		
2019-10-30	6:00:00 PM	Meadowbank	AWAR KM 40 200m E from road	Caribou	100	Walking	Derek N.		
2019-10-30	5:37:00 PM	Meadowbank	AWAR KM 46 50m W from road	Caribou	69	Walking	Derek N.		
2019-10-30	5:35:00 PM	Meadowbank	AWAR KM 47 50m E from road	Caribou	20	Walking	Derek N.		
2019-10-30	5:30:00 PM	Meadowbank	AWAR KM 49 400m E from road	Caribou	40	Walking	Derek N.		
2019-10-30	5:15:00 PM	Meadowbank	AWAR KM 60 5m W from road	Fox	1	Running	Derek N.		
2019-10-30	11:30:00 AM	Whale Tail	Whale Tail Haul Road KM 180 20m E from road	Wolverine	1	Walking	DN	CS	
2019-10-30	10:00:00 AM	Whale Tail	Whale Tail Haul Road KM 160 100m E from road	Musk-ox	6	Walking	DN	CS	
2019-10-31	6:40:00 PM	Meadowbank	AWAR	Caribou	1	Walking	JP		
2019-10-31	6:15:00 PM	Meadowbank	AWAR	Caribou	189	Walking	JP		
2019-10-31	5:20:00 PM	Meadowbank	AWAR	Caribou	200	Walking	JP		
2019-10-31	5:11:00 PM	Meadowbank	AWAR	Caribou	200	Walking	JP		
2019-10-31	5:08:00 PM	Meadowbank	AWAR	Caribou	180	Walking	JP		
2019-10-31	4:55:00 PM	Meadowbank	AWAR	Caribou	53	Walking	JP		
2019-10-31	4:50:00 PM	Meadowbank	AWAR	Caribou	200	Walking	JP		
2019-10-31	4:30:00 PM	Meadowbank	AWAR	Caribou	138	Walking	JP		
2019-10-31	4:30:00 PM	Meadowbank	AWAR	Caribou	57	Walking	JP		
2019-10-31	4:17:00 PM	Meadowbank	AWAR	Caribou	32	Walking	JP		
2019-10-31	4:14:00 PM	Meadowbank	AWAR	Caribou	18	Walking	JP		

2019-10-31	4:14:00 PM	Meadowbank	AWAR	Caribou	18	Walking	JP		
2019-10-31	2:45:00 PM	Meadowbank	AWAR	Caribou	30	Walking	JP		
2019-10-31	2:45:00 PM	Meadowbank	AWAR	Caribou	17	Walking	JP		
2019-10-31	2:40:00 PM	Meadowbank	AWAR	Caribou	23	Walking	JP		
2019-10-31	2:30:00 PM	Meadowbank	AWAR	Caribou	13	Walking	JP		
2019-10-31	2:23:00 PM	Meadowbank	AWAR	Caribou	45		JP		
2019-10-31	4:53:00 PM	Whale Tail	Whale Tail Haul Road	Wolverine	1	Running	IT	CS	
2019-10-31	12:06:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	2	Walking	IT	C.S.	
2019-10-31	6:40:00 PM	Meadowbank	AWAR KM 77 75m E from road	Caribou	1	Walking	Joe P.		
2019-10-31	6:15:00 PM	Meadowbank	AWAR KM 73 150m E from road	Caribou	189	Grazing	Joe P.		
2019-10-31	5:20:00 PM	Meadowbank	AWAR KM 55 200m E from road	Caribou	200	Grazing	Joe P.		
2019-10-31	5:11:00 PM	Meadowbank	AWAR KM 53 350m W from road	Caribou	200		Joe P.		
2019-10-31	5:08:00 PM	Meadowbank	AWAR KM 52 200m E from road	Caribou	180	Grazing	Joe P.		
2019-10-31	4:55:00 PM	Meadowbank	AWAR KM 43 250m E from road	Caribou	53		Joe P.		
2019-10-31	4:50:00 PM	Meadowbank	AWAR KM 42 300m E from road	Caribou	200	Grazing	Joe P.		
2019-10-31	4:36:00 PM	Meadowbank	AWAR KM 27 350m E from road	Caribou	138	Grazing	Joe P.		
2019-10-31	4:30:00 PM	Meadowbank	AWAR KM 27 500m E from road	Caribou	57	Grazing	Joe P.		
2019-10-31	4:17:00 PM	Meadowbank	AWAR KM 18 300m W from road	Caribou	32	Grazing	Joe P.		
2019-10-31	4:14:00 PM	Meadowbank	AWAR KM 17 550m E from road	Caribou	18	Walking	Joe P.		
2019-10-31	2:52:00 PM	Meadowbank	AWAR KM 52 350m E from road	Caribou	30	Grazing	Joe P.		
2019-10-31	2:45:00 PM	Meadowbank	AWAR KM 57 500m E from road	Caribou	17	Walking	Joe P.		
2019-10-31	2:40:00 PM	Meadowbank	AWAR KM 60 300m E from road	Caribou	23	Walking	Joe P.		
2019-10-31	2:30:00 PM	Meadowbank	AWAR KM 69 250m E from road	Caribou	13	Walking	Joe P.		
2019-10-31	2:23:00 PM	Meadowbank	AWAR KM 74	Caribou	45	Walking	Joe P.		
NOVEMBER 2019									
2019-11-01	1:07:00 PM	Meadowbank	AWAR - KM 72	Caribou	9		JP	NE	
2019-11-01	1:02:00 PM	Meadowbank	AWAR - KM 66	Caribou	18		JP	NE	
2019-11-01	12:55:00 PM	Meadowbank	AWAR - KM 58	Caribou	16		JP	NE	
2019-11-01	12:41:00 PM	Meadowbank	AWAR - KM 53	Caribou	150	Crossing the road	JP	NE	
2019-11-01	12:34:00 PM	Meadowbank	AWAR - KM 53	Caribou	100	Walking	JP	NE	
2019-11-01	12:11:00 PM	Meadowbank	AWAR - KM 39	Caribou	94	Walking	JP	NE	
2019-11-01	12:02:00 PM	Meadowbank	AWAR - KM 38	Caribou	33	Walking	JP	NE	
2019-11-01	11:53:00 AM	Meadowbank	AWAR - KM 32	Caribou	16	Walking	JP	NE	
2019-11-01	9:36:00 AM	Meadowbank	AWAR - KM 31	Caribou	13	Eating	JP	NE	
2019-11-01	9:22:00 AM	Meadowbank	AWAR - KM 40	Caribou	48	Eating	JP	NE	
2019-11-01	9:17:00 AM	Meadowbank	AWAR - KM 41	Caribou	10	Resting	JP	NE	
2019-11-01	9:10:00 AM	Meadowbank	AWAR - KM 41	Caribou	81	Eating	JP	NE	
2019-11-01	9:05:00 AM	Meadowbank	AWAR - KM 41	Caribou	45	Walking	JP	NE	
2019-11-01	6:36:00 PM	Meadowbank	AWAR KM 33 150m from road	Caribou	40	Walking	JP (HTO)	NE	Monitored the area
2019-11-01	5:42:00 PM	Meadowbank	AWAR KM 27 150m from road	Caribou	30	Walking	JP (HTO)	NE	Monitored the area
2019-11-01	5:40:00 PM	Meadowbank	AWAR KM 29	Caribou	13	Walking	JP (HTO)	NE	Monitored the area
2019-11-01	5:24:00 PM	Meadowbank	AWAR KM 41 150m	Caribou	34	Walking	JP (HTO)	NE	Monitored the area
2019-11-01	5:14:00 PM	Meadowbank	AWAR KM 49 150m from road	Caribou	5	Walking	JP (HTO)	NE	Monitored the area
2019-11-01	5:00:00 PM	Meadowbank	AWAR KM 53	Caribou	150	Walking	Joe P.	Noah E.	Monitored the area
2019-11-01	4:47:00 PM	Meadowbank	AWAR KM 60 150m from road	Caribou	60	Walking	Joe P.	Noah E.	Monitored the area
2019-11-01	4:37:00 PM	Meadowbank	AWAR KM 68	Caribou	20	Resting	Joe P.	Noah E.	Monitored the area
2019-11-02	6:45:00 PM	Meadowbank	AWAR	Caribou	300	Eating	JP	NE	
2019-11-02	11:28:00 AM	Meadowbank	AWAR	Caribou	60	Eating	JP	NE	
2019-11-02	11:21:00 AM	Meadowbank	AWAR	Caribou	1	Walking	JP	NE	
2019-11-02	10:57:00 AM	Meadowbank	AWAR	Caribou	300	Eating	JP	NE	
2019-11-02	10:39:00 AM	Meadowbank	AWAR	Caribou	200	Walking	JP	NE	
2019-11-02	10:34:00 AM	Meadowbank	AWAR	Caribou	150	Walking	JP	NE	
2019-11-02	10:18:00 AM	Meadowbank	AWAR	Caribou	150	Walking	JP	NE	
2019-11-02	10:05:00 AM	Meadowbank	AWAR	Caribou	1	Walking	JP	NE	
2019-11-02	9:23:00 AM	Meadowbank	AWAR	Caribou	200	Walking	JP	NE	
2019-11-02	8:59:00 AM	Meadowbank	AWAR	Caribou	57	Walking	JP	NE	
2019-11-02	8:59:00 AM	Meadowbank	AWAR	Wolf	1	Walking	JP	NE	
2019-11-02	8:54:00 AM	Meadowbank	AWAR	Fox	1	Walking	JP	NE	
2019-11-02	8:28:00 AM	Meadowbank	AWAR	Caribou	60	Walking	JP	NE	
2019-11-02	6:45:00 PM	Meadowbank	AWAR KM 50	Caribou	300	Walking	JP (HTO)		Monitored the area
2019-11-02	11:22:00 AM	Meadowbank	AWAR KM 73 500m W from road	Caribou	60	Eating	JP (HTO)	NE	Monitored the area
2019-11-02	11:21:00 AM	Meadowbank	AWAR KM 67 500m W from road	Caribou	1	Walking	JP (HTO)	NE	Monitored the area
2019-11-02	10:57:00 AM	Meadowbank	AWAR KM 47 800m W from road	Caribou	250	Eating	JP (HTO)	NE	Monitored the area
2019-11-02	10:39:00 AM	Meadowbank	AWAR KM 39 400m E from road	Caribou	200	Walking	JP (HTO)	NE	Monitored the area
2019-11-02	10:34:00 AM	Meadowbank	AWAR KM 37 500m W from road	Caribou	150	Walking	JP (HTO)	NE	Monitored the area

2019-11-02	10:18:00 AM	Meadowbank	AWAR KM 30 350m E from road	Caribou	150	Grazing	JP (HTO)	NE	Monitored the area
2019-11-02	10:05:00 AM	Meadowbank	AWAR KM 23 300m E from road	Caribou	1	Walking	JP (HTO)	NE	Monitored the area
2019-11-02	9:23:00 AM	Meadowbank	AWAR KM 19	Caribou	200	Crossing the road	JP (HTO)	NE	Monitored the area
2019-11-02	9:14:00 AM	Meadowbank	AWAR KM 28 500m E from road	Caribou	57	Walking	JP (HTO)	NE	Monitored the area
2019-11-02	8:59:00 AM	Meadowbank	AWAR KM 38 10m E from road	Wolf	1	Walking	JP (HTO)	NE	Monitored the area
2019-11-02	8:54:00 AM	Meadowbank		Fox	1	Walking	JP(HTO)	NE	No action required
2019-11-02	8:28:00 AM	Meadowbank	AWAR KM 53 125m E from road	Caribou	60	Walking	JP (HTP)	NE	Monitored the area
2019-11-03	3:55:00 PM	Meadowbank	AWAR	Caribou	1000	Walking	JP		
2019-11-03	3:43:00 PM	Meadowbank	AWAR	Caribou	150	Walking	JP		
2019-11-03	3:05:00 PM	Meadowbank	AWAR	Caribou	400	Walking	JP		
2019-11-03	3:00:00 PM	Meadowbank	AWAR	Caribou	44	Eating	JP		
2019-11-03	2:54:00 PM	Meadowbank	AWAR	Caribou	53	Walking	JP		
2019-11-03	3:55:00 PM	Meadowbank	AWAR	Caribou	1000	Walking	JP		Monitored the area
2019-11-03	3:43:00 PM	Meadowbank	AWAR	Caribou	150	Walking	JP		Monitored the area
2019-11-03	1:30:00 PM	Meadowbank	AWAR	Caribou	400	Walking	JP		Monitored the area
2019-11-03	3:00:00 PM	Meadowbank	AWAR	Caribou	44	Unknown	JP		Monitored the area
2019-11-03	2:54:00 PM	Meadowbank	AWAR	Caribou	53	Walking	JP		Monitored the area
2019-11-03	9:42:00 AM	Meadowbank	AWAR KM 53 100m E from road	Caribou	2	Grazing	JP (HTO)		Monitored the area
2019-11-03	9:38:00 AM	Meadowbank	AWAR KM 50 500m E from road	Caribou	74	Walking	JP (HTO)		Monitored the area
2019-11-03	9:30:00 AM	Meadowbank	AWAR KM 42 400m E from road	Caribou	53	Walking	JP (HTO)		Monitored the area
2019-11-03	9:19:00 AM	Meadowbank	AWAR KM 38 75m E from road	Caribou	1	Resting	JP (HTO)		Monitored the area
2019-11-04	11:00:00 AM	Whale Tail	WTHR KM 135	Fox	1	Death	truck driver		No action required
2019-11-04	11:35:00 AM	Meadowbank	AWAR	Caribou	3	Walking	N.E.	C.S.	Monitored the area
2019-11-04	11:26:00 AM	Meadowbank	AWAR	Caribou	40	Walking	N.E.	C.S.	Monitored the area
2019-11-04	10:52:00 AM	Meadowbank	AWAR	Caribou	5	Resting	N.E.	C.S.	Monitored the area
2019-11-04	10:37:00 AM	Meadowbank	AWAR	Caribou	200	Unknown	N.E.	C.S.	Monitored the area
2019-11-04	10:07:00 AM	Meadowbank	AWAR	Caribou	75	Walking	N.E.	C.S.	Monitored the area
2019-11-04	9:35:00 AM	Meadowbank	AWAR	Caribou	90	Unknown	N. E.	C.S.	Monitored the area
2019-11-04	2:00:00 PM	Whale Tail	Whale Tail Haul Road	Caribou	1	Walking	JP		Monitored the area
2019-11-04	9:45:00 PM	Meadowbank	AWAR	Caribou	28	Walking	JP		Monitored the area
2019-11-04	9:20:00 AM	Meadowbank	AWAR	Caribou	52	Walking	JP		Monitored the area
2019-11-04	9:15:00 PM	Meadowbank	AWAR	Caribou	78	Walking	JP		Monitored the area
2019-11-04	8:47:00 PM	Meadowbank	AWAR	Caribou	100	Walking	JP		Monitored the area
2019-11-04	8:33:00 AM	Meadowbank	AWAR	Caribou	100	Unknown	JP		Monitored the area
2019-11-04	8:27:00 AM	Meadowbank	AWAR	Caribou	300	Walking	JP		Monitored the area
2019-11-04	8:10:00 AM	Meadowbank	AWAR	Caribou	29	Walking	JP		Monitored the area
2019-11-05	8:45:00 AM	Whale Tail	WTHR KM 120 100m N from road	Caribou	3	Grazing	Tom T.		Monitored the area
2019-11-05	3:30:00 PM	Meadowbank	AWAR KM 66	Caribou	200	Walking	Chris S	Noah E	
2019-11-05	10:02:00 AM	Meadowbank	AWAR	Caribou	7	Walking	JP		
2019-11-05	9:53:00 AM	Meadowbank	AWAR	Caribou	2	Walking	JP		
2019-11-05	9:48:00 AM	Meadowbank	AWAR	Caribou	2	Walking	JP		
2019-11-05	7:00:00 AM	Meadowbank	AWAR	Caribou	1	Resting	JP		
2019-11-07	10:40:00 AM	Meadowbank	AWAR	Caribou	100	Unknown	Truck driver		No action required
2019-11-07	10:40:00 AM	Meadowbank	AWAR	Caribou	200	Eating	IT		Monitored the area
2019-11-07	7:40:00 AM	Meadowbank	AWAR	Wolf	1		Logan Parker		
2019-11-08	2:50:00 PM	Meadowbank	AWAR	Caribou	11	Walking	IC	VU	
2019-11-08	10:00:00 AM	Meadowbank	AWAR	Caribou	8	Resting	IC	VU	
2019-11-08	2:50:00 PM	Meadowbank	AWAR	Caribou	6		Clinton Anirniq (AFS driver)		No action required
2019-11-08	12:30:00 AM	Whale Tail	WTHR KM 150	Wolf	2	Crossing the road	LHT operator		No action required
2019-11-10	10:30:00 AM	Meadowbank	AWAR KM 88	Musk-ox	3	Resting	Martin Archambault		
2019-11-10	10:30:00 AM	Whale Tail	Exploration camp	Weasel	1		Benjamin Duguay		
2019-11-11	10:20:00 AM	Meadowbank	AWAR KM 84	Wolf	1		Logan Parker (AFS driver)		No action required
2019-11-12	3:05:00 PM	Meadowbank	AWAR KM 30 East from road	Wolf	2		Wamy Kreelak (AFS driver)		No action required
2019-11-12	3:30:00 PM	Meadowbank	AWAR	Musk-ox	5	Eating	JP		
2019-11-12	2:00:00 PM	Meadowbank	AWAR	Musk-ox	6	Walking	JP		
2019-11-12	3:30:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	5	Eating	JP		
2019-11-12	2:25:00 PM	Whale Tail	Whale Tail Haul Road	Musk-ox	6	Eating	JP		
2019-11-13	9:22:00 AM	Whale Tail	Whale Tail Haul Road - Km149	Musk-ox	7	Eating	AB	JP	
2019-11-13	12:30:00 AM	Whale Tail	WTHR KM 140	Musk-ox	8	Grazing	Zach Conner		No action required
2019-11-14	9:10:00 AM	Whale Tail	WTHR KM 148	Musk-ox	7	Eating	DN	JP	
2019-11-15		Meadowbank	AWAR KM 94	Caribou	1	Death	DN		
2019-11-15	12:34:00 PM	Meadowbank	AWAR KM 95	Caribou	1	Resting	DN	VU	
2019-11-15	12:32:00 PM	Meadowbank	AWAR KM 93	Caribou	1	Resting	DN	VU	
2019-11-15	12:30:00 PM	Meadowbank	AWAR KM 95	Wolf	2	Walking	DN		
2019-11-15	11:30:00 AM	Meadowbank	AWAR KM 40	Wolf	2	Walking	DN		
2019-11-15	11:30:00 AM	Whale Tail	WTHR KM150	Musk-ox	7	Sleeping	Louis Dubois	Yves Lesvesque	Monitored the area
2019-11-17	12:18:00 PM	Meadowbank	AWAR KM 52	Caribou	155	Walking	AB		

2019-11-17	11:45:00 AM	Meadowbank	AWAR KM 33	Caribou	21	Walking	AB		
2019-11-17	11:25:00 AM	Meadowbank	AWAR KM 51	Caribou	4	Walking	AB		
2019-11-17	11:11:00 AM	Meadowbank	AWAR KM 66	Caribou	3	Walking	AB		
2019-11-17	11:01:00 AM	Meadowbank	AWAR KM 72	Caribou	4	Walking	AB		
2019-11-17	10:55:00 AM	Meadowbank	AWAR KM 78	Caribou	4	Walking	AB		
2019-11-17	10:53:00 AM	Meadowbank	AWAR KM 79	Caribou	100	Walking	AB		
2019-11-17	10:41:00 AM	Meadowbank	AWAR KM 88	Caribou	350	Walking	AB		
2019-11-18	12:06:00 PM	Meadowbank	AWAR KM 63	Wolf	1	Walking	DN		
2019-11-18	11:17:00 AM	Meadowbank	AWAR KM 63	Caribou	50	Resting	DN		
2019-11-18	11:00:00 AM	Meadowbank	AWAR KM 79	Caribou	300	Resting	DN		
2019-11-18	10:54:00 AM	Meadowbank	AWAR KM 81	Caribou	100	Resting	DN		
2019-11-18	10:37:00 AM	Meadowbank	AWAR KM 88	Caribou	14	Resting	DN		
2019-11-19	2:34:00 PM	Meadowbank	AWAR KM 53	Caribou	200	Walking	DN	VU	
2019-11-19	11:26:00 AM	Meadowbank	AWAR KM 45	Caribou	150	Walking	DN	VU	
2019-11-19	11:13:00 AM	Meadowbank	AWAR KM 45	Caribou	50	Running	DN	VU	
2019-11-19	3:47:00 PM	Whale Tail	WTHR	Musk-ox	6	Eating	DN		
2019-11-19	4:39:00 AM	Meadowbank	AWAR KM 9	Caribou	1	Walking	DN		
2019-11-19	2:35:00 PM	Meadowbank	AWAR KM 32	Caribou	250	Resting	DN		
2019-11-19	12:13:00 PM	Meadowbank	AWAR KM 94	Caribou	5	Walking	DN		
2019-11-19	12:05:00 PM	Meadowbank	AWAR KM 88	Caribou	1	Walking	DN		
2019-11-19	11:53:00 AM	Meadowbank	AWAR KM 50	Caribou	200	Resting	DN		
2019-11-19	11:26:00 AM	Meadowbank	AWAR KM 50	Caribou	200	Walking	DN		
2019-11-19	11:25:00 AM	Meadowbank	AWAR KM 48	Caribou	60	Resting	DN		
2019-11-19	11:12:00 AM	Meadowbank	AWAR KM 39	Caribou	50	Walking	DN		
2019-11-19	10:11:00 AM	Meadowbank	AWAR KM 20	Caribou	1	Walking	DN		
2019-11-19	9:54:00 AM	Meadowbank	AWAR KM 33	Caribou	1	Walking	DN		
2019-11-20	12:30:00 PM	Meadowbank	AWAR KM 82	Caribou	15	Walking	DN		
2019-11-20	11:40:00 AM	Meadowbank	AWAR KM 50	Musk-ox	25	Resting	DN		
2019-11-22	2:43:00 PM	Meadowbank	AWAR KM 51	Caribou	10	Eating	DN	VU	
2019-11-22	11:31:00 AM	Meadowbank	AWAR KM 73	Caribou	25	Walking	DN	VU	
2019-11-22	11:05:00 AM	Meadowbank	AWAR KM 51	Caribou	12	Eating	DN	VU	
2019-11-22	11:21:00 AM	Whale Tail	WTHR KM 135	Caribou	7	Walking	JP		
2019-11-22	10:19:00 AM	Whale Tail	WTHR KM 154	Musk-ox	6	Eating	JP		
2019-11-22	10:02:00 AM	Whale Tail	WTHR KM 165	Musk-ox	1	Eating	JP		
2019-11-22	11:45:00 AM	Meadowbank	Meadowbank AWAR KM 75	Caribou	20	Resting	AB		
2019-11-22	11:45:00 AM	Meadowbank	Meadowbank AWAR - KM 75	Caribou	20	Running	AB		
2019-11-22	11:00:00 AM	Meadowbank	AWAR	Caribou	40	Eating	AB		
2019-11-23	10:35:00 AM	Meadowbank	AWAR KM 88 400m W from road	Caribou	6	Walking	Derek N.		Monitored the area
2019-11-23	2:30:00 PM	Meadowbank	Cat Dome	Weasel	1	Running	E&I worker		No action required
2019-11-23	11:00:00 AM	Meadowbank	Tailing road	Wolverine	1	Running	Isabelle Couture		Deterred. Successful
2019-11-23	9:30:00 AM	Meadowbank	Landfill	Wolverine	1	Running	Roll-off operator		No action required
2019-11-23	11:45:00 AM	Whale Tail	WTHR KM 165	Musk-ox	1	Walking	AB		
2019-11-23	10:31:00 AM	Whale Tail	WTHR KM 154	Musk-ox	5	Walking	AB		
2019-11-24	10:40:00 AM	Meadowbank	AWAR KM 91	Caribou	1	Sick or wounded	DN		
2019-11-25	12:00:00 PM	Meadowbank	China Sump	Wolverine	1	Running	Derek Nateela		Monitored the area
2019-11-26	5:42:00 PM	Whale Tail	WTHR	Fox	1	Walking	DN	JP	
2019-11-26	3:17:00 PM	Whale Tail	WTHR KM 169	Musk-ox	2	Resting	DN	JP	
2019-11-26	5:40:00 PM	Meadowbank	Landfill	Wolverine	1	Running	Roll-Off operator		
2019-11-27	10:38:00 AM	Whale Tail	WTHR KM 168	Musk-ox	2	Resting	JP	DN	
2019-11-28	9:13:00 AM	Whale Tail	WTHR KM 133 on road	Fox	1	Crossing the road	NE/JP		Monitored the area
2019-11-29	3:01:00 PM	Meadowbank	AWAR KM 50	Caribou	25	Walking	VU		
2019-11-29	2:35:00 PM	Meadowbank	AWAR KM 76	Caribou	45	Walking	VU		
2019-11-29	10:57:00 AM	Meadowbank	AWAR KM 30	Caribou	50	Walking	VU		
2019-11-29	10:50:00 AM	Meadowbank	AWAR KM 26	Caribou	50	Walking	VU		
2019-11-29	10:30:00 AM	Meadowbank	AWAR KM 15	Caribou	15	Walking	VU		
2019-11-30	10:15:00 AM	Whale Tail	WTHR KM 165	Musk-ox	2	Walking	Jeremy Cousin		
2019-11-30	12:00:00 PM	Whale Tail	Energy & Infrastructure Garage	Fox	1	Running	Jacqui Levy		Deterred. Successful
DECEMBER 2019									
2019-12-01	11:00:00 AM	Whale Tail	WTHR KM 167	Musk-ox	2	Grazing	Jacqui Levy	samuel Tapp	
2019-12-01	11:00:00 AM	Meadowbank	Landfill	Wolverine	1	Running	Mario Cote		No action required
2019-12-02	11:00:00 AM	Meadowbank	Tankfarm	Fox	2	Walking	Isabelle Couture	Noah Enowyak	Monitored the area
2019-12-02	11:00:00 AM	Whale Tail	Parking lot	Fox	2	Walking	Jacqui Levy		
2019-12-03	12:00:00 PM	Meadowbank	Landfill	Wolverine	1	Running	Isabelle Couture	Noah Enowyak	Deterred. Unsuccessful
2019-12-04	2:00:00 PM	Whale Tail	WTHR KM 130 450m E from road	Caribou	1	Walking	JP		Monitored the area
2019-12-04	9:00:00 AM	Meadowbank	Assay Lab	Wolverine	1	Running	E&I field crew		Monitored the area but no sight

2019-12-05	7:00:00 AM	Whale Tail	Whale Tail Dike	Fox	1	Running	Jacqui Levy	Fanny Laporte	
2019-12-12	10:00:00 AM	Whale Tail	WTHR KM 168	Musk-ox	2	Resting	DN	JP	
2019-12-13	1:00:00 AM	Meadowbank	Fuel Farm/Incinerator	Wolverine	1	Crossing the road	G. Boulianne		No action required
2019-12-13	12:31:00 PM	Meadowbank	AWAR KM 93	Musk-ox	11	Observing	DN	VU	
2019-12-14	6:00:00 PM	Meadowbank	Incinerator	Wolverine	1	Running	N. Saucier	A. Blake	Deterred. Successful
2019-12-14	10:30:00 AM	Meadowbank	Incinerator	Wolverine	1	Running	B. Ikoe	N. Saucier	Deterred. Successful
2019-12-14	11:30:00 AM	Meadowbank	Winter Parking	Wolverine	1	Running	P. Gautier		Monitored the area but no sight
2019-12-14	7:30:00 PM	Meadowbank	Fuel Farm/Incinerator	Wolverine	1	Unknown	Mine Dispatch		Monitored the area but no sight
2019-12-18	11:00:00 AM	Whale Tail	WTHR KM 143 1km E from road	Caribou	5	Walking	TomT.	Derek N.	Monitored the area
2019-12-19	8:30:00 AM	Meadowbank	Tailings road	Wolverine	1	Running	E&I operator	Anthony Blake	Monitored the area but no sight
2019-12-19	11:00:00 AM	Meadowbank	Meadowbank	Wolverine	1	Unknown	Mine Operations	AB	
2019-12-21	8:00:00 AM	Meadowbank	Nova Camp	Wolverine	1	Walking	E&I operator		Monitored the area but no sight
2019-12-21	10:45:00 AM	Meadowbank	HAZMAT	Fox	1	Dead	G. Niutuq	I. Couture	Monitored the area
2019-12-23	4:24:00 PM	Whale Tail	WTHR KM 134 25m E from road	Caribou	15	Grazing	D. Nateela		Monitored the area
2019-12-23	11:07:00 AM	Whale Tail	WTHR KM 111 550m E from road	Caribou	10	Resting	D.Nateela		Monitored the area
2019-12-23	11:25:00 AM	Whale Tail	WTHR KM 117 100m E from road	Caribou	3	Resting	D. Nateela		Monitored the area
2019-12-24	10:00:00 AM	Whale Tail	Whale Tail Pit	Wolverine	1	Walking	Mine operation operator		Monitored the area but no sight
2019-12-24	2:58:00 PM	Meadowbank	AWAR KM 35 150m W from road	Fox	1	Walking	V. Utatnaaq	Bus passenger	No action required
2019-12-24	12:07:00 PM	Meadowbank	AWAR KM 97 300m W from road	Musk-ox	5	Grazing	D. Nateela	I. Couture	Monitored the area
2019-12-24	2:00:00 PM	Meadowbank	AWAR KM 17	Arctic hare	1	Crossing the road	D. Nateela	I. Couture	No action required
2019-12-25	9:20:00 AM	Meadowbank	Incinerator	Wolverine	1	Running	Incinerator operator		Monitored the area but no sight
2019-12-26	4:30:00 AM	Meadowbank	Assay Lab	Wolverine	1	Running	Assay Lab worker		Monitored the area
2019-12-27	11:46:00 AM	Meadowbank	AWAR KM 80 200m W from road	Wolverine	1	Walking	V. Utatnaaq		No action required
2019-12-27	11:59:00 AM	Meadowbank	AWAR KM 90 200m W from road	Caribou	4	Walking	V. Utatnaaq	Bus passenger	Monitored the area
2019-12-27	1:40:00 PM	Meadowbank	AWAR KM 95 600m W from road	Musk-ox	1	Grazing	V. Utatnaaq	I. Couture	No action required
2019-12-27	12:09:00 PM	Meadowbank	AWAR KM 93 400m W from road	Musk-ox	3	Immobile	V. Utatnaaq	Bus passenger	No action required
2019-12-27	7:00:00 PM	Meadowbank	Nova Camp	Wolverine	1	Running	I. Couture		Monitored the area
2019-12-27	8:30:00 AM	Meadowbank	Nova Camp	Wolverine	1	Running	F. Gauthier		Monitored the area but no sight
2019-12-28	5:00:00 PM	Meadowbank	Assay Lab	Wolverine	1	Running	S. Beaudoin	I. Couture	Deterred. Successful
2019-12-28	11:40:00 AM	Meadowbank	AWAR KM 52 W from road	Wolverine	1	Running	T. Chapple		No action required
2019-12-28	7:15:00 AM	Meadowbank	Airport	Wolverine	1	Running	E&I worker		Monitored the area
2019-12-28	4:30:00 PM	Meadowbank	Airport	Wolverine	1	Running	L. Provencher		Monitored the area but no sight
2019-12-29	1:00:00 PM	Meadowbank	FGL	Wolverine	1	Running	Dispatcher		Monitored the area but no sight
2019-12-29	2:00:00 PM	Meadowbank	Airport	Wolverine	1		I. Couture	Airport controler	Deterred. Successful
2019-12-31	2:00:00 PM	Meadowbank	Main Camp, Nova, Dorm 12	Wolverine	1	Walking	I. Couture	B. Owingayak	Deterred. Successful
2019-12-31	7:15:00 AM	Meadowbank	Main entrance	Wolverine	1	Walking	R. Allard	I. Couture	Deterred. Successful
2019-12-31	8:00:00 AM	Meadowbank	Nova Camp	Wolverine	1	Running	I. Couture		Deterred. Successful

APPENDIX F

2019 Wildlife Notifications

AGNICO EAGLE
MEADOWBANK

Wildlife Memorandum

To all AEM employees and Contractors on the Meadowbank Complex Site

As you know it's a time of the year where we see more wildlife around the camps (AMQ and MBK). It's why it's important to make this reminder to all employees of the Meadowbank Complex.

IMPORTANT: Any person caught feeding animals or disposing of food related waste in an improper manner, including not disposing of food waste in the proper containers or disposing at the landfill, will be met with disciplinary measures and it could be charge by the Government of Nunavut.

We did a Wildlife survey yesterday and we were surprise to see some food along the road. We asked a few question and it seem that somebody feed the wildlife.

Please be sure to properly dispose of all food in the appropriate waste containers to ensure there are no food attractants for these creatures.

All personnel seeing someone feeding an animal should report this to the Environment Department. Do not hesitate to call us if you have more questions.

Thank you all for collaboration!

Martin Archambault
Sr Environmental Coord.

Sustainable Development Policy

AGNICO EAGLE

Our Commitment

At the core of our Policy we are committed to creating value for our shareholders while operating in a safe, socially and environmentally responsible manner, contributing to the prosperity of our employees, their families and the communities and respecting human rights culture, custom and values of those impacted by our activities. This has translated into the fundamental values of our Sustainable Development Policy: operate safely and maintain a healthy workplace, protect the environment, and treat our employees and communities with respect.

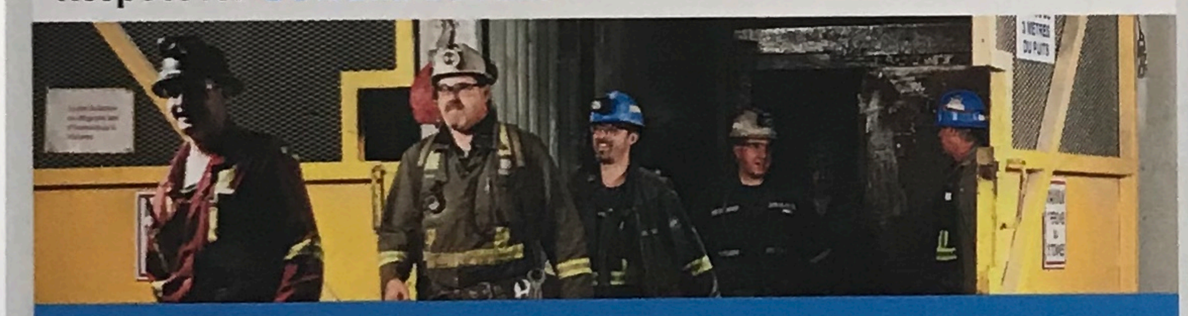
James D. Nasso
Chairman
July 2016

Sean Boyd
President & CEO
July 2016

This means we commit to:

- Promote leadership, personal commitment and accountability to these principles from all employees and contractors, both on and off the job;
- Assess potential impacts and risks associated with our activities throughout the life cycle of our projects or operations, including impacts of purchasing or acquisition decisions on the basis of our sustainability values;
- Ensure sufficient resources are allocated to implement and manage these commitments;
- Design and operate our facilities to ensure that effective controls and technologies are in place to minimize and mitigate the identified risks;
- Evaluate, control, eliminate or minimize risks through the implementation of a Responsible Mining Management System;
- Measure and verify regularly our performance;
- Strive for continuous improvement by setting targets, measuring results against those targets and recognizing and rewarding performance;
- Comply in full with our internal policies, Code of Business Conduct and Ethics, with the laws and regulations in each country in which we operate as well as other industry standards to which the company subscribes;
- Uphold fundamental human rights as defined in the United Nations Universal Declaration of Human Rights;
- Implement emergency and crisis response plans to eliminate or minimize and mitigate the impacts of unforeseen events;
- Build a relationship with our stakeholders based on trust through open and transparent communication and full disclosure of payments to all levels of government;
- Provide appropriate planning and supervision to ensure that our policies, procedures and Responsible Mining Management System are implemented by all.

Respect for OUR EMPLOYEES



We aim to maintain a safe and healthy workplace that is based on mutual respect, fairness and integrity. To achieve this, we:

- Ensure that no discriminatory conduct is tolerated in the workplace;
- Provide a fair and non-discriminatory employee grievance system;
- Value diversity and treat all employees and contractors fairly, providing equal opportunity at all levels of the organization without bias;
- Employ and promote employees on the basis of merit;
- Provide fair and competitive compensation;
- Enforce a drug and alcohol free workplace;
- Maintain the confidentiality of collected personal and private information about employees;
- Recognize the right of employees to freedom of association;
- Provide appropriate training and development opportunities;
- Consult, communicate and provide appropriate support to employees during their association with Agnico Eagle.

Respect for OUR ENVIRONMENT

We aim to eliminate, minimize and mitigate the impacts of our operations on the environment and maintain its viability and its diversity. To achieve this, we:

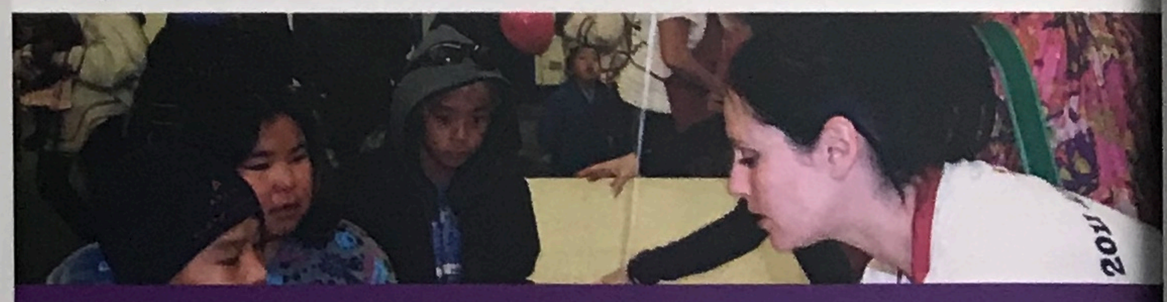
- Minimize the generation of waste and ensure its proper disposal;
- Minimize all risks associated with managing tailings and water;
- Manage waste rock and overburden to ensure environmental protection;
- Implement measures to conserve natural resources such as energy and water;
- Implement measures to reduce emissions to air, water and land, and to minimize our footprint;
- Implement measures to reduce our greenhouse gas emissions and address climate change;
- Integrate biodiversity conservation and land use planning considerations through all stages of business and production activities;
- Rehabilitate sites to ensure physical and chemical stability and in consultation with the communities in a timely manner.

Operate a SAFE AND HEALTHY WORKPLACE

We believe that all loss due to accidents/incidents is preventable. We aim to operate a safe and healthy work place that is injury and fatality free. We believe that if we all work together, we can achieve zero accidents in the work place and enhance the well-being of employees, contractors and communities. To achieve this, we:

- Use sound engineering principles in the design and operation of our facilities;
- Promote overall health and wellness and establish programs to protect them;
- Provide appropriate training for all employees, at all levels of exploration, development, construction, and operations;
- Identify, prevent, eliminate or mitigate the risks to health, safety and industrial hygiene;
- Maintain occupational health and industrial hygiene programs;
- Provide appropriate tools to carry out the work safely and efficiently;
- Maintain a high degree of emergency preparedness to effectively respond to emergencies.

Respect for OUR COMMUNITY



We aim to contribute to the social and economic development of sustainable communities associated with our operations. To achieve this, we:

- Provide a confidential complaint reporting mechanism to report unethical, illegal or irresponsible behaviour;
- Ensure that no child labour and any form of forced and compulsory labour are permitted in the workplace;
- Foster an open, transparent and respectful dialogue with all communities of interest and ensure that activities on private lands and indigenous lands are performed with the free prior informed consent of the land owners;
- Support local communities and their sustainability through measures such as development programs, locally sourcing of goods and services and employing local people;
- Provide assurance that our operations will not support, benefit or contribute to unlawful armed conflict, serious human rights abuses, or breaches of international humanitarian law.

AGNICO EAGLE

SAFETY PRACTICES DURING CARIBOU MIGRATION

Agnico Eagle is sensitive to the concerns about the caribou and believes in working together toward a long lasting partnership; we recognize that caribou are an integral part of the Inuit culture and need to be protected.

Agnico has developed a Wildlife Management and Response Plans for both Meadowbank and Meliadine. These Plans were reviewed and approved by the NIRB, KIA, GN and local HTO's. The Plans are implemented by Agnico's Environment department at both sites.

AS PART OF AGNICO EAGLE'S PROTOCOL, CARIBOU HAVE THE RIGHT-OF-WAY ON ALL ROADS;

SPEED LIMIT ON THE ALL WEATHER ACCESS ROAD (AWAR) IS:

- **50 Km / hr**
- **Traffic is suspended when 1 - 50 caribou are within a 100 m of the road;**

TRAFFIC AND MINING ACTIVITIES ARE SUSPENDED WHEN CARIBOU ARE IN CLOSE PROXIMITY TO THE AWAR AND THE MINE SITE;

WEEKLY WILDLIFE SURVEYS ARE COMPLETED ALONG THE AWAR AND THE RESULTS ARE REPORTED YEARLY TO AUTHORITIES AND COMMUNITIES;

THE AWAR IS NOT A PUBLIC ROAD AND PUBLIC TRAFFIC IS NOT ALLOWED WITHIN MINING AREAS;

HUNTING IS PROHIBITED WITHIN 1 KM OF THE AWAR AND THE PROJECT

- **All hunting activity must avoid shooting directly across the road;**
- **Shooting around the work area is strictly forbidden.**

The safety of our employees and members of the community is our priority. Please, be safe!

FOR ALL WILDLIFE SIGHTINGS AND INCIDENTS, PLEASE CONTACT THE MINE SITE ENVIRONMENT DEPARTMENT:

Meadowbank: 819-759-3555 ext 6747, 6759 or 6744

Meliadine: 819-759-3555 ext 3925 or 3928.

AGNICO EAGLE

FOR ALL WILDLIFE SIGHTINGS AND INCIDENTS, PLEASE CONTACT THE ENVIRONMENT DEPARTMENT

Meadowbank:
AEM Surface Channel (9)
EXT. 6759/6747/6744

Amaruq:
Exploration channel (9)
EXT. 6808

Meliadine:
CAMP channel
EXT. 3903/3925

ANY WILDLIFE SIGHTINGS OR INCIDENTS AFTER HOURS SHOULD BE REPORTED TO:

Meadowbank:
Mine Dispatch
Mine ops Channel
EXT. 6949

Meliadine:
CAMP channel
EXT. 3903/3925

WILDLIFE SIGHTINGS/INCIDENTS OR QUESTIONS CAN ALSO BE EMAILED TO:

meadowbank.environment@agnicoeagle.com

meli.environment@agnicoeagle.com

Amaruqenvironment@agnicoeagle.com

AGNICO EAGLE

WORKING IN THE WILD

Ensuring Employee Safety and Wildlife Protection

A person who does not respect the policy and procedures, who is caught feeding or coaxing animals or disposing of food-related waste in an improper manner, including not disposing of food waste in the proper containers or disposing at the landfill, will be met with disciplinary measures.

Agnico Eagle is committed to providing a safe working environment. The Agnico Eagle Wildlife Protection and Response Plan & Procedure was developed to ensure employee safety when encountering wildlife on site. The purpose of the plan is to avoid incidents arising from the cohabitation of humans and wildlife, ensure wildlife protection and personal safety.

REPORT WILDLIFE SIGHTINGS TO THE ENVIRONMENT DEPARTMENT

As employees of Agnico Eagle, we each have the responsibility to observe and uphold the procedures in place that protect employees and safeguard the environment and wildlife.

It is equally important that all sightings or observations of wildlife around the site and the All Weather Access Road (AWAR) be reported immediately to the Environmental Department.

Should you have any questions on this matter, please do not hesitate to contact the Environmental Department.

RULES TO FOLLOW:

- **WILDLIFE HAS THE RIGHT-OF-WAY** except when unsafe to do so.
- **RESPECT** the animals – they are wild.
- **BE ALERT** at all times.
- **BACK AWAY SLOWLY** if you encounter an animal.
- **MAKE NOISE** – don't surprise animals.
- **CLOSE** sea can doors.
- **BE CAUTIOUS** in noisy areas.
- **DO NOT APPROACH THEM** or coax them to come closer.
- **DON'T TAKE CLOSE-UP PICTURES.**
- **NON-MINE-REGISTERED FIREARMS** are not permitted on site.
- **IT IS PROHIBITED** to feed, harass, deliberately disrupt or compromise wildlife at all times.
- **IT IS PROHIBITED** to hunt and fish at all times.
- **MAXIMUM SPEED LIMIT** signs are posted on all site roads for wildlife protection.

WHAT TO DO IF...

YOU ARE PERFORMING A TASK WHERE THERE IS NO SHELTER OF ANY KIND

- Bring a wildlife kit.
- Wildlife kits are available at the Environment Department.
- Training is mandatory before using the wildlife kit.

A WOLVERINE, WOLF, OR BEAR IS NOT AWARE OF YOU?

- Leave the area quietly in the same direction that you came from.
- Move while the predatory animal is not aware of you and stop moving when the animal lifts its head to check its surroundings.
- Stay downwind, so the wolverine, wolf or bear does not pick up your scent.
- Move a safe distance away and preferably to your truck or shop where you can watch and wait until the animal leaves.
- Report the event to Environment Department immediately.

YOU ARE FACE TO FACE WITH A BEAR, WOLVERINE, WOLF OR ARCTIC FOX

- Back away slowly and do not turn your back on the animal.
- Do not make sudden movements.
- Do not make loud noises or attempt to scare the animal if it is simply travelling through the area.
- Use radio or phone to report the presence of the animal to the Environment Department.
- Stay in radio/phone contact until the animal moves away or you have returned to a safe area.
- Wait for the animal to pass before continuing work in the area.

YOU ARE BITTEN BY AN ARCTIC FOX

- Contact the Health & Safety department immediately.
- Offsite treatment to protect you against rabies will be required.
- A Fox looks cute and cuddly, but carries disease and bacteria that can seriously harm humans.

THE WOLVERINE, WOLF OR BEAR IS AWARE OF YOU BUT REMAINS AT A DISTANCE

- Continue walking at the same general pace and towards a safe area.

THE ANIMAL DOES NOT BACK AWAY, OR SHOWS INTEREST IN YOU

- Continue to back away slowly and ensure a minimum of 20 m distance between yourself and the animal.
- Make sure the animal has a safe route of escape.
- Act as non-threatening as possible; do not make direct eye contact or sudden movements. **DO NOT RUN.**
- Avoid provoking it.
- If the animal follows you, drop your jacket, or pack, it may distract it long enough for you to escape.
- Return to a safe area as soon as possible.
- Keep the Environment Department informed of the situation using the radio or phone.

YOU CANNOT LEAVE UNDETECTED

- Move up-wind so animals can pick up your scent. This will help them identify you as humans.
- Try to keep the predatory animal in your sight.
- Watch to see if the predatory leaves when it senses that a person is nearby.
- Report events to the Environmental Department.

WILDLIFE ATTRACTANTS

- **Food waste and garbage**
- **Chemicals and refuse**
- **Wildlife carcasses**
- **Human activity around site**
- **Roads, which may create preferential travel corridors for wildlife**
- **Cigarette butts**

WILDLIFE FACTS

- **WOLVERINES** have powerful jaws designed for crushing things such as bones and frozen foods. They are good climbers that run fast and can swim.
- Human **FOOD AND GARBAGE** are the biggest attractions for bears. Bears have a sense of smell 1000 times more acute than humans.
- **WOLVES** have a great sense of smell and excellent hearing but their eyesight is not as keen.
- **THE ARCTIC FOX** has a great sense of smell and are curious little creatures. They are the most common predatory animal seen on the Agnico Eagle. These animals look cute and cuddly, but there are recorded instances of them biting humans.

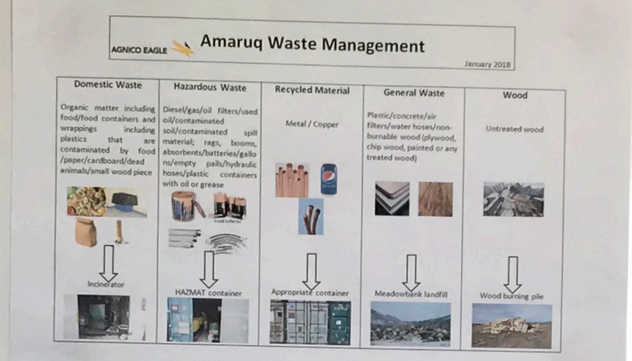
TEAM MEMBER ON SITE

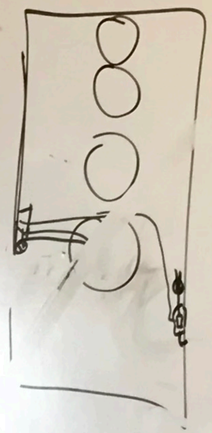
FANNY LAPORTE
LOUIS DUBOIS

Surface
Channel #AMQ
460-6808

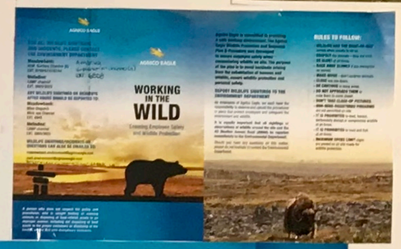
WATER RESULTS

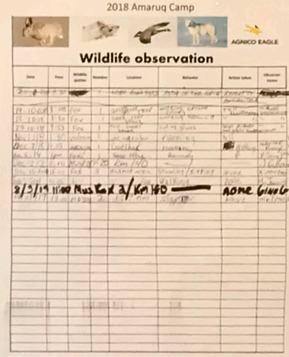
WASTE MANAGEMENT

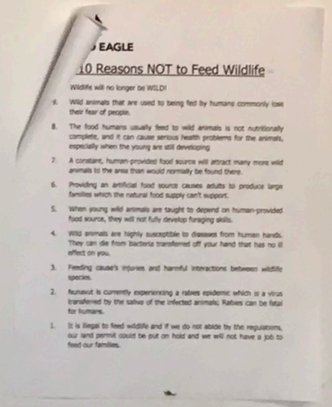




WILDLIFE







APPENDIX G

Whale Tail Viewshed Analysis – Roadside Survey Points

TECHNICAL MEMORANDUM

DATE 4 February 2020 **Project No.** 19130696-413-TM-Rev1

TO Manon Turmel
Agnico Eagle Mines Limited

CC Michel Groleau, Robin Allard, Carolina Leseigneur Torres, Jen Range

FROM Corey De La Mare **EMAIL corey_delamare@golder.com**

WHALE TAIL VIEWSHED ANALYSIS – ROADSIDE SURVEY POINTS (KIVIA-TERRESTRIAL-02)

DRAFT

Introduction

During the development and revisions of the Terrestrial Ecosystem Management Plan (TEMP) for the Whale Tail Project and subsequent Expansion Project (the Project), several discussions revolved around caribou detection within and around the mine site and along the Whale Tail Haul Road (Haul Road). A commitment (KivIA-Terrestrial-02) was made by Agnico Eagle during the Expansion Project process as follows: "*AEM shall work through the Terrestrial Advisory Group to update the Terrestrial Ecosystem Management Plan to increase the frequency and efficacy of road monitoring to implement mitigation. The updates will identify appropriate Road survey sites, map these for viewshed, and increase the frequency of Road surveys to cover a greater proportion of each day when long-distance data (generally collared caribou) indicate that migrating caribou may be approaching. The enhanced monitoring will provide a basis for describing the effects of caribou response to traffic which in turn will improve the effectiveness of mitigation*".

The Haul Road is a 65 km all weather haul road between the existing Meadowbank Operations (i.e., Vault Pit) and Whale Tail Pit. As part of the caribou monitoring component for this haul road, five height of land (HOL) survey locations are used in areas where caribou have been observed based on collar data, presence of caribou trails, caribou sign, and where topographic relief is greatest. Currently, caribou monitoring is achieved through roadside surveys while driving along the Haul Road and informally stopping where necessary for a better vantage point, and through HOL surveys. Viewsheds from HOL surveys have been shown in previous versions of the TEMP (see Appendix A). However, although originally perceived to offer the best vantage points for caribou monitoring during migration periods, the HOL locations have some constraints as follows:

- small sample size of 5 observation points;
- length of time to access, complete the survey and return back to the vehicle is on average an hour or greater because of the distance of these survey points from the road, which limits the number of monitoring surveys that can be completed within a day; and
- health and safety risks related to exposure and physical strain to access the survey points given they are removed from the road and caribou monitoring occurs during spring and fall migration, when extreme winter conditions are common (i.e., cold temperatures, high winds, snow accumulation).

Golder Associates Ltd.
16820 107 Avenue, Edmonton, Alberta, T5P 4C3, Canada T: +1 780 483 3499 F: +1 780 483 1574

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An alternative roadside survey design is being proposed to replace the HOL based surveys. This is largely based on the reasons above and to increase monitoring along the Haul Road so that each survey point can be completed twice per day during periods of peak caribou migration. These roadside surveys will consist of caribou monitoring surveys being completed at fixed roadside survey locations recording observations for 10 minutes, and will be used for the single purpose of informing the location and intensity of mitigation actions and implementing caribou protection measures. This approach may be the most beneficial in terms of achieving maximum monitoring frequency or the appropriate and specific implementation of mitigation. Information on caribou abundance and distribution will also be collected during driving between these roadside survey locations, and HOL surveys may still be considered where they may provide additional coverage of caribou distribution and movement, based on known caribou distribution from maps of collared animals. Selected roadside surveys could be focused on during periods of caribou migration based on the distribution of animals (i.e., limit roadside surveys to those locations that overlap with caribou locations) to inform site-specific mitigation along the Haul Road.

To determine the extent of visibility from these locations, a viewshed analysis was completed within a GIS platform. The results of this memo are intended to validate the distance of visible detection using roadside survey points as one line of information to be considered by Agnico Eagle for the implementation of caribou protection measures.

Methods

Twelve roadside survey points, in addition to a Height-of-Land (HOL) survey location at the Vault Waste Rock Storage Area (WRSA), were selected based on a set of criteria as follows:

- the roadside survey locations were selected based on an analysis of caribou crossing/observations along the haul road (Commitment #8 – Whale Tail Expansion Technical Meeting; Golder 2019);
- points identified by the KivIA from June 2019 based on ground-based viewsheds (vantage points) (map provided by K. Poole);
- previously identified viewsheds out to 1 km from the centreline of the haul road to understand the viewshed from a truck for scan and drive surveys; and
- locations were fine-tuned based on elevation contours (i.e., highest points along the road in these sections).

The HOL survey location was chosen on top of the Vault WRSA to capitalize on the elevation of the WRSA and vantage point in an area where caribou crossing is frequent. The viewshed analysis shows the area where there is a line of sight based on evaluation from elevations within the landscape, the observer height, and the height of the target, in this case caribou. Visual aids, such as binoculars and spotting scopes, aid the observer to see at the extreme ends of the lines of sight so that caribou can be detected but the line of sight is not changed based on visual aids. The following assumptions were included in this viewshed analysis:

- An observer height of 1.7 m was added to each of the roadside locations.
- A surface offset to simulate the height of caribou was added at 1.5 m.
- The observer height is set as: 1.7 m for the points and the actual road elevations based on the as-built CAD profile.
- Viewshed extended out to a maximum observer sight line of 1 km for the road drive and scan surveys.

DRAFT

- Viewshed extended out to a maximum observer sight line of 4 km for the roadside survey locations.

The viewshed was required for the Regional Study Area; however, the availability of datasets was not consistent for the entire Regional Study Area in terms of data format and data resolution. Consequently, the datasets used and methods for harmonization are as follows:

- Road centerlines: Haul Road centerline and elevations (profile) provided by CAD, all weather road centerline generated semi-automatically using its footprint and linking its northern extremity to the Haul Road.
- Digital Elevation Model (DEM) for the Haul Road survey points used a high resolution DEM (1 m). The DEM was down-sampled to 3 m resolution and merged with CDEM that has a 20 m resolution and then re-sampled back to 3 m resolution, but this is only to keep the 3 m precision where it exists and it does not make the CDEM more precise. Using a merging process avoiding edge effects and creates a smooth transition from one DEM source to the other.
- The high resolution DEM only covers the haul road (approximatively 500 m on each side) and a large portion of the Whale Tail Pit and development area.

The viewshed analysis was run on an ESRI ArcGIS platform using the 3D analyst tool – Viewshed. The visibility analysis does not take into account any potential vegetation or any other obstructions (natural/human) that are not part of the bare ground. A viewshed was developed for the existing Haul Road roadside survey locations.

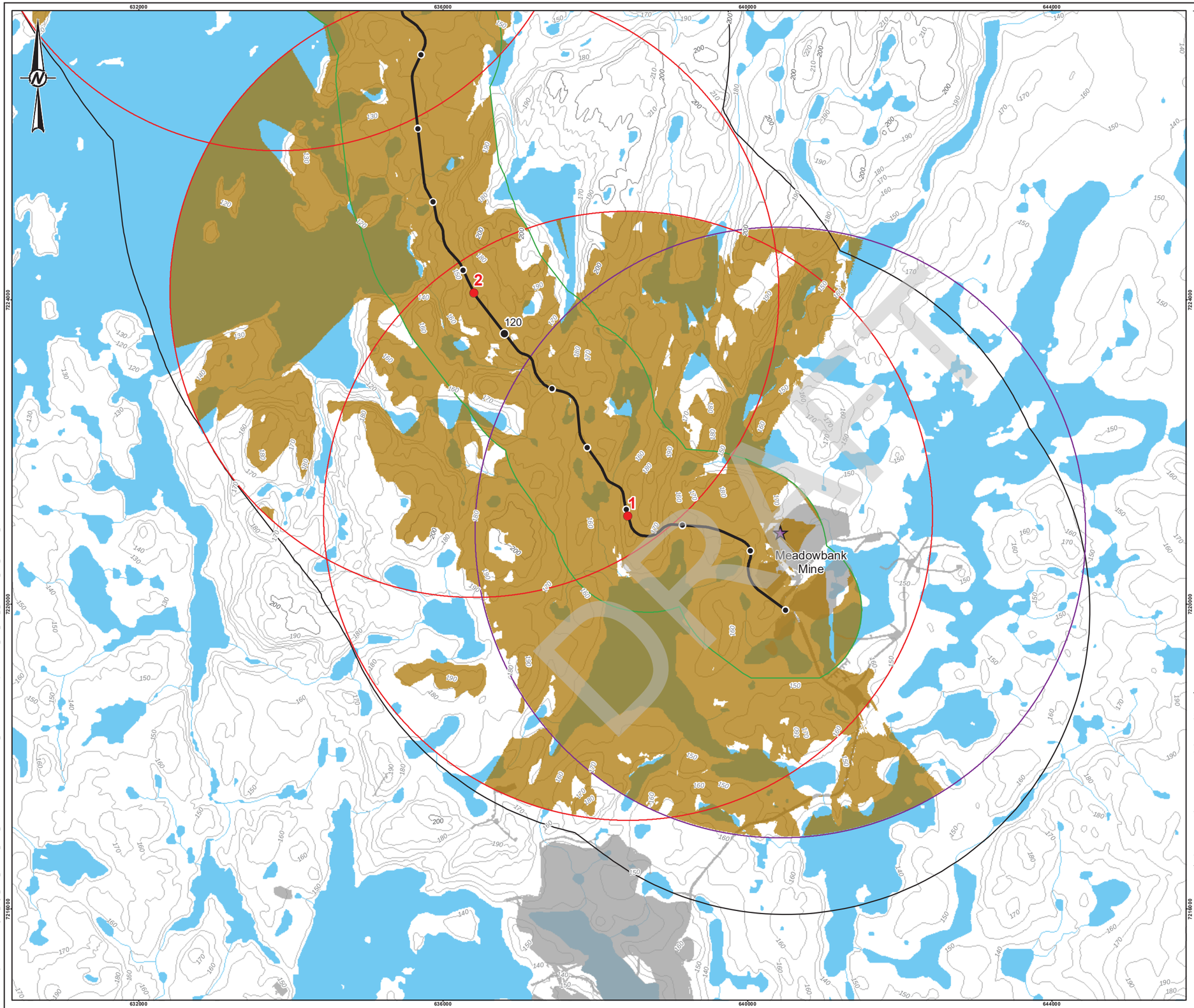
Results

The results of the viewshed analysis can be found in Figures 1A to 1E, which each show the viewshed from the 12 roadside survey locations along the existing Haul Road. Table 1 lists the coordinates for the 12 roadside locations that are numbered in sequential order from south to north. These figures illustrate the theoretical sight lines from the roadside survey points but do not consider the areas that can be viewed from scanning surveys during driving between points where the viewshed will be increased (see Appendix A for the viewshed [1 km on either side of the road] highlighting the HOL survey locations and scanning surveys along the Haul Road). The following are summary statistics of the viewshed analysis:

- total area within 4 km of the Haul Road = 52,709 ha (73% land and 23% water);
- total area within 4 km of the 12 roadside survey locations, the WRSA HOL location and 1 km from the haul road centreline = 44,187 ha or 84% of the total area available within 4 km of the Haul Road (75% land and 25% water), which suggests good coverage from these survey locations;
- total area visible from the roadside survey locations = 24,273 ha or 55% of the available area.

The viewshed analysis is an important component of the overall monitoring program as it provides direction for monitoring locations that best capture caribou movements through the Project area during the spring and fall migration periods. Consequently, the survey locations chosen based on the results of the viewshed analysis will be continually reviewed and updated with the Terrestrial Advisory Group.

DRAFT



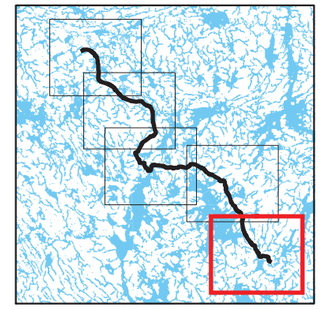
LEGEND

- VAULT WRSA SURVEY POINT
- ROADSIDE SURVEY POINT
- KILOMETRE MARKER
- HAUL ROAD
- 4 km BUFFER OF VAULT WRSA SURVEY POINT
- 4 km BUFFER OF ROADSIDE SURVEY POINTS
- 4 km BUFFER OF HAUL ROAD
- 1 km HAUL ROAD VISIBILITY ANALYSIS AREA
- AREA VISIBLE FROM ROADSIDE SURVEY POINT
- INFRASTRUCTURE

BASE DATA

- CONTOUR (10 m)
- CONTOUR (100 m)
- WATERCOURSE
- WATERBODY

DRAFT



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REFERENCE(S)

1. HAUL ROAD AND BASE DEVELOPMENT DATA OBTAINED FROM AEM.
2. CONTOURS, WATERCOURSE AND WATERBODY DATA OBTAINED FROM CANVEC © DEPARTMENT OF NATURAL RESOURCES CANADA. ALL RIGHTS RESERVED.

DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED: MEADOWBANK DIVISION

PROJECT

WHALE TAIL PIT - EXPANSION PROJECT

TITLE

VIEWSHED FROM ROADSIDE SURVEY POINTS

CONSULTANT

GOLDER

YYYY-MM-DD	2020-01-30
DESIGNED	CDM
PREPARED	JP
REVIEWED	
APPROVED	

PROJECT NO.	CONTROL	REV.	FIGURE
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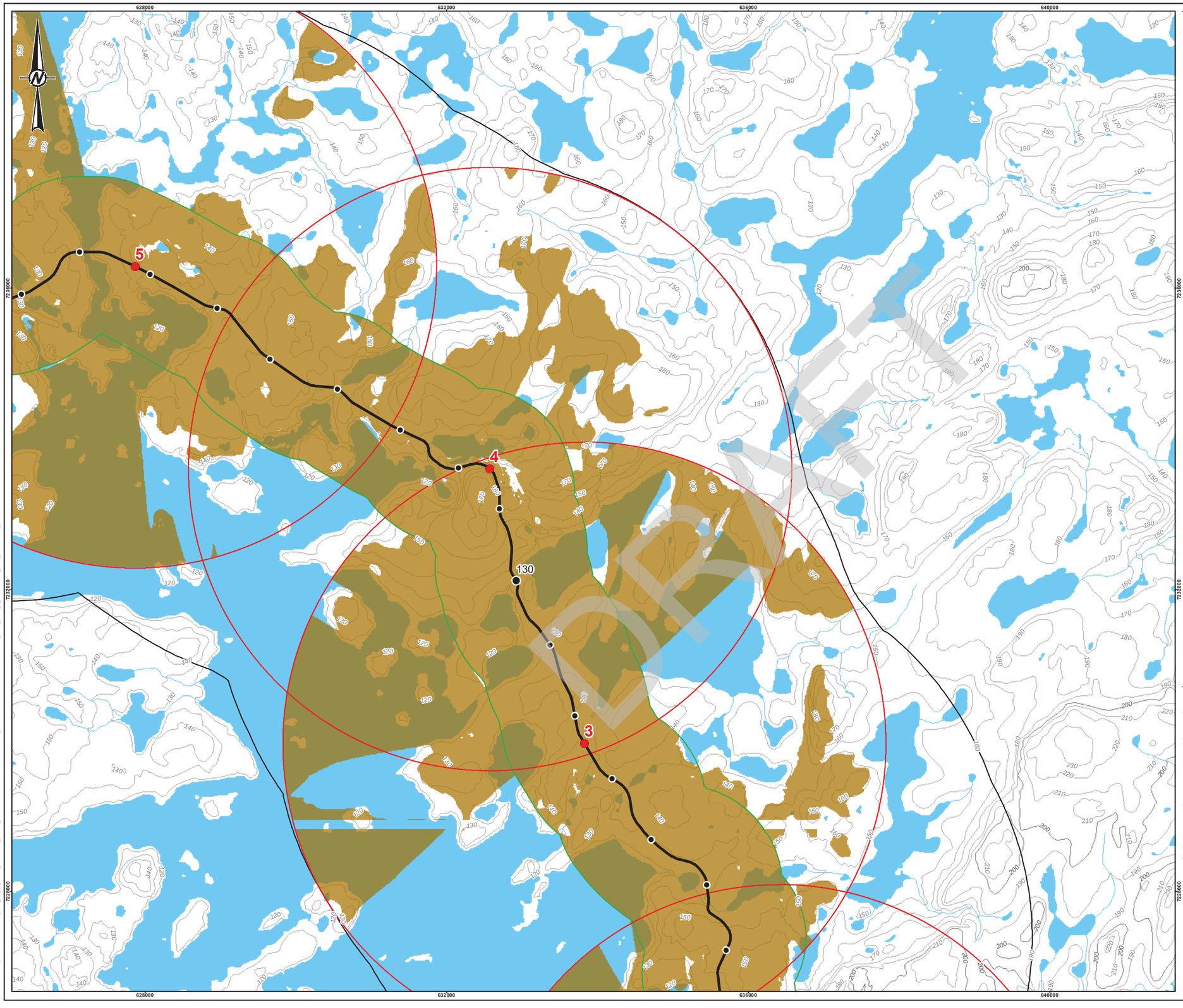

LEGEND

- ROADSIDE SURVEY POINT
- KILOMETRE MARKER
- HAUL ROAD
- 4 km BUFFER OF ROADSIDE SURVEY POINTS
- 4 km BUFFER OF HAUL ROAD
- 1 km HAUL ROAD VISIBILITY ANALYSIS AREA
- AREA VISIBLE FROM ROADSIDE SURVEY POINT
- INFRASTRUCTURE

BASE DATA

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- CONTOUR (100 m)
- WATERCOURSE
- WATERBODY

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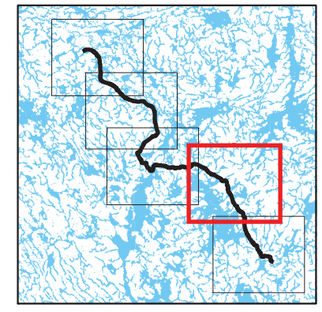

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APPROVED	

PROJECT NO.	CONTROL	REV.	FIGURE
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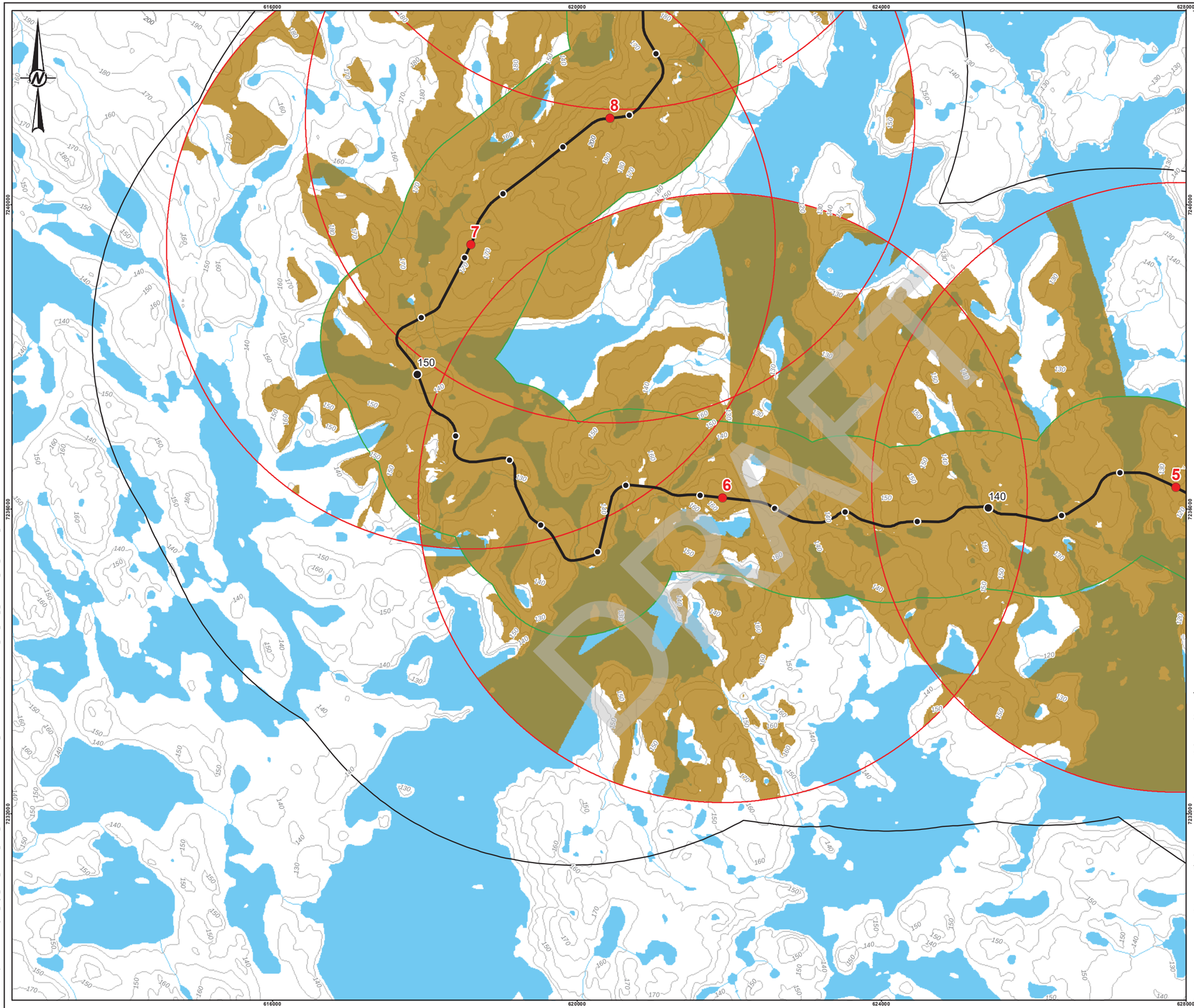

LEGEND

- ROADSIDE SURVEY POINT
- KILOMETRE MARKER
- HAUL ROAD
- 4 km BUFFER OF ROADSIDE SURVEY POINTS
- 4 km BUFFER OF HAUL ROAD
- 1 km HAUL ROAD VISIBILITY ANALYSIS AREA
- AREA VISIBLE FROM ROADSIDE SURVEY POINT
- INFRASTRUCTURE

BASE DATA

- CONTOUR (10 m)
- CONTOUR (100 m)
- WATERCOURSE
- WATERBODY

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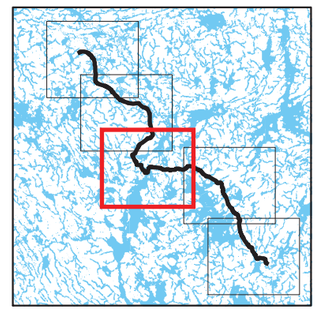

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MEADOWBANK DIVISION

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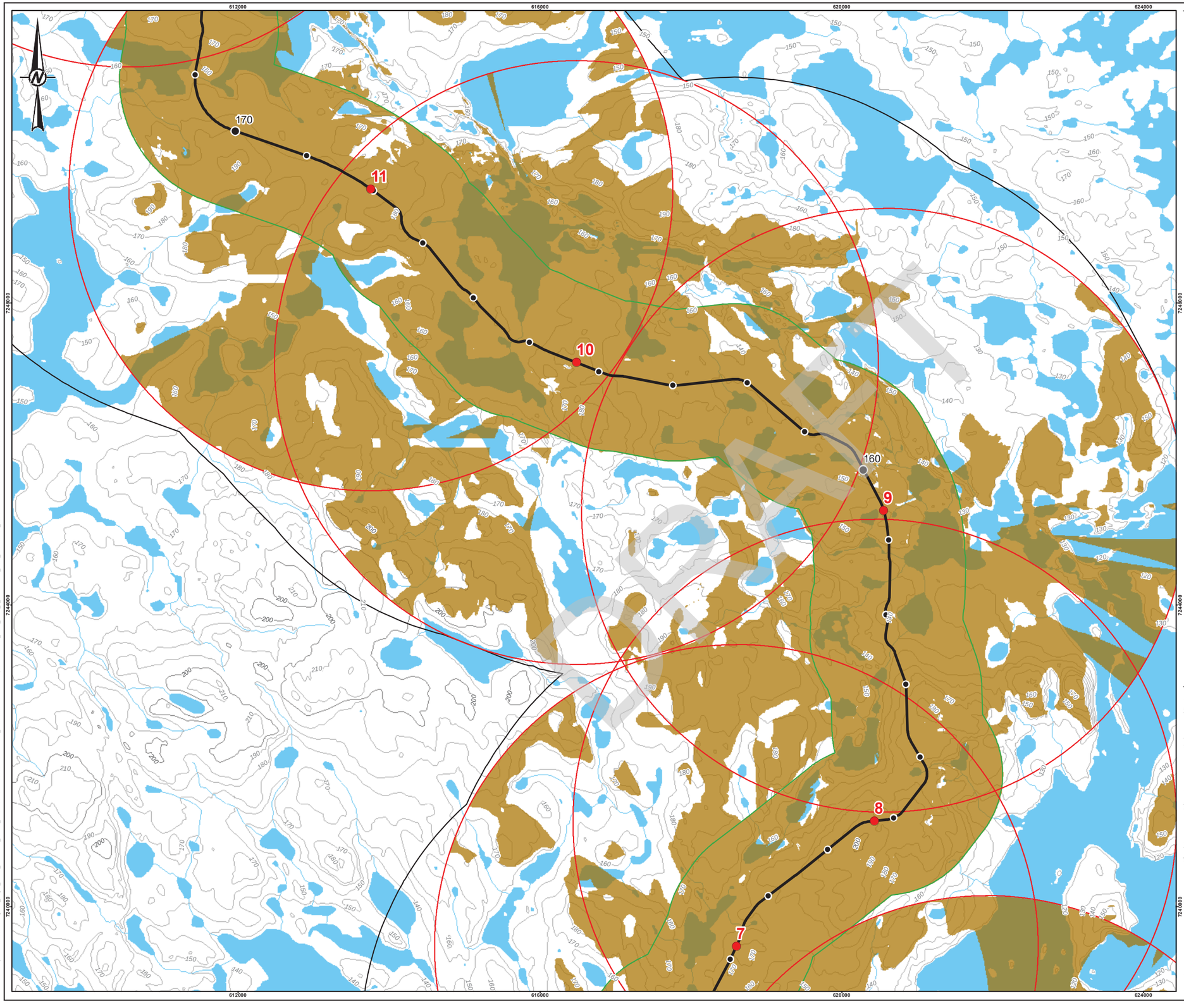

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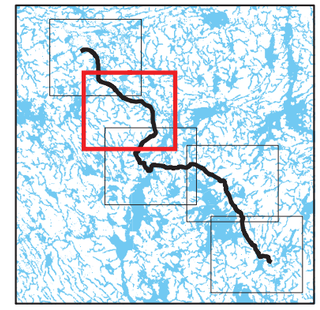

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APPROVED	

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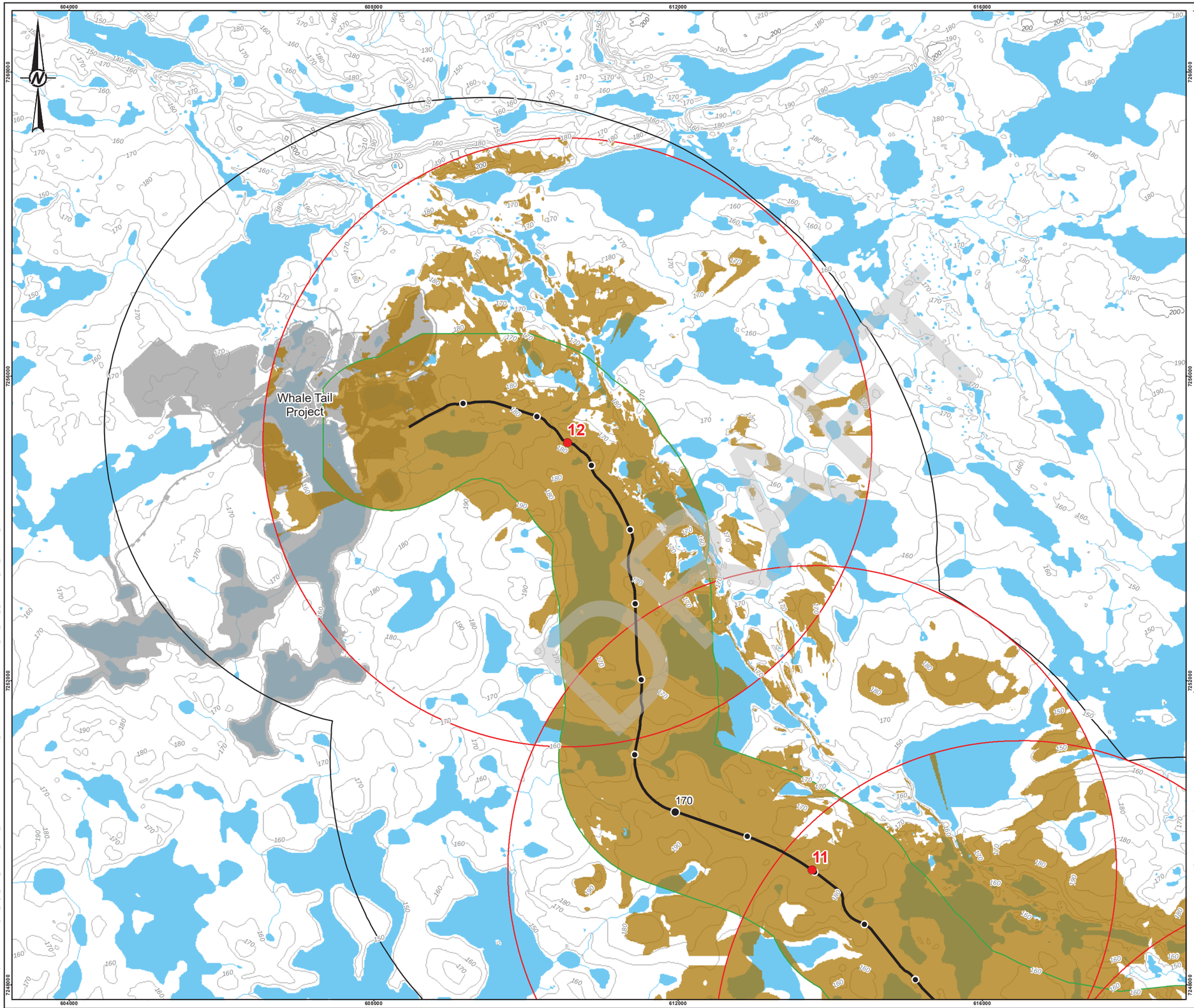

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BASE DATA

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- WATERBODY

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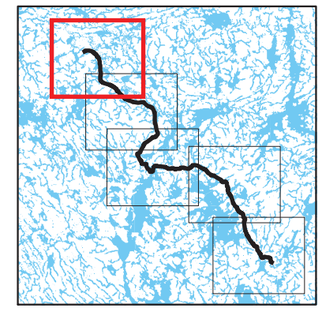

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CLIENT

AGNICO EAGLE MINES LIMITED: MEADOWBANK DIVISION

AGNICO EAGLE

PROJECT

WHALE TAIL PIT - EXPANSION PROJECT

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Table 1: Roadside Survey Location Coordinates

Roadside Survey Point	Easting[1]	Northing[1]
1	638429	7221162
2	636407	7224092
3	633827	7229959
4	632575	7233600
5	627867	7236286
6	621911	7236148
7	618602	7239477
8	620433	7241136
9	620553	7245253
10	616483	7247210
11	613760	7249510
12	610545	7255129

[1] UTM Zone 14 NAD83

DRAFT

Closure

We trust this meets your needs, if you have any questions or concerns, feel free to contact the undersigned.

Regards,

DRAFT

Corey De La Mare, P.Biol.
Principal, Senior Wildlife Ecologist

CDM/jr

https://golderassociates.sharepoint.com/sites/115643/project files/5 technical work/01_road_point_survery_analysis/rev1/19130696-413-tm-viewshedanalysis-roadsidesurveypoints-rev1.docx

Citation

Golder (Golder Associates Ltd.). 2019. Crossing Analysis – Assessment of Effects from the Haul Road to Caribou. Prepared by Golder Associates Ltd. for Agnico Eagle: August 26, 2019.

DRAFT

APPENDIX A

2017 Viewshed Anaysis (submitted with v7 of the TEMP)

APPENDIX H

2019 Height of Land Survey Forms

AGNICO EAGLE 2019-01-09 N.S, K.N, M.K.

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
14:40 **4** Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 12:20 Time : Did it? : Y/N Wildlife? Y/N	North	0							
	East	0							
	South	0							
	West	0							

January 10, 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
3 11:00 Time : Did it? : (Y)/N Wildlife? Y/N	North								
	East								
	South								
	West	Muskox	30	Tundra	resting	NW	W	400	350
4 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-01-30 **Field Team:** Martin Kreciak, Isabelle Couture

Temperature: -40°C **Wind Speed:** No wind **Wind Direction:** n/a

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** No

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : 2:30pm Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 10:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 1:20pm Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

2019-02-06 KN et NS

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 15:40 Did it? : (Y)/N Wildlife? Y/(N)	North	0	0						
	East								
	South								
	West								
2 Time : 15:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 14:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 13:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 12:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-02-27 **Field Team:** Martin Kreelak, Isabelle Couture

Temperature: ≈ -35 **Wind Speed:** ≈ 15Km/h **Wind Direction:** North

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 9:25 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 10:10 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 14:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 13:50 Did it? : (Y)/N Wildlife? (Y)/N	North	Wolverine	1	tundra	walking	east	east	900m	> 1 Km
	East	musk-ox	2	tundra	resting	not moving	west	800m	> 1.5Km
	South								
	West								
5 Time : 13:15 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

2019-03-13
Kathleen and Martin.

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 17:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South					9:30	visibility	very poor.	
	West								
2 Time : 16:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 15:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 11:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 13:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

NO WILDLIFE

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Thursday, April 04, 2019.

Date: _____ **Field Team:** Martin. K., & Kevin. M.

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : 16:30 pm Did it? : Y/N Wildlife? Y/N	North								
	East								
	South	CARIBOU	11	L.R	W.S	SOUTH	WEST	450	850
	West	CARIBOU	11	LR	W.S	SOUTH	WEST	250	700
3 Time : 14:55 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 11:10 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 12:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

April 06, 2019

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : 8:45 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 9:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 20/04/2019 **Field Team:** ST JA

Temperature: -18 **Wind Speed:** 11 **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** Ø

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 12:00 Did it? : (Y)/N Wildlife? (Y)/N	North	Ø							
	East	Ø							
	South	CARIBOU	43	TUNDRA	RE	N/A	W	200	1100
	West	Ø							
2 Time : 12:36 Did it? : (Y)/N Wildlife? Y/(N)	North	CARIBOU	45	TUNDRA	WS/RU	EAST	W	300	1400
	East	Ø							
	South	CARIBOU	37	TUNDRA	WS	SOUTH	W	150	1200
	West	Ø							
3 13:40 Time : Did it? : (Y)/N Wildlife? Y/(N)	North	Ø							
	East	Ø							
	South	Ø							
	West	Ø							
4 Time : 14:18 Did it? : (Y)/N Wildlife? (Y)/N	North	CARIBOU	9	TUNDRA	WS	WEST	W	350	2000
	East	Ø							
	South	Ø							
	West	Ø							
5 Time : 15:18 Did it? : (Y)/N Wildlife? (Y)/N	North	Ø							
	East	Ø							
	South	Ø							
	West	CARIBOU	72	TUNDRA	RE/WS	N	W	400/800	650/1050

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019/09/21 **Field Team:** ST SA

Temperature: -22 **Wind Speed:** 17 **Wind Direction:** N

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** Ø

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 9:10 Did it? : Y/N Wildlife? Y/N	North	Ø							
	East	Ø							
	South	CARIBOU	160	TUNDRA	WS	NORTH	W	200	2500
	West	CARIBOU	117	TUNDRA	WS	NORTH	W	750	1000
2 Time : 9:05 Did it? : Y/N Wildlife? Y/N	North	MUSKOX	6	TUNDRA	WS	WEST	W	200	1900
	East	Ø							
	South	Ø							
	West	MUSKOX	9	TUNDRA	RESTING	Ø	E	1500	3000
3 Time : 10:05 Did it? : Y/N Wildlife? Y/N	North	Ø							
	East	Ø							
	South	Ø							
	West	CARIBOU	14	TUNDRA	WS	WEST	W	1200	1000
4 Time : 11:05 Did it? : Y/N Wildlife? Y/N	North	CARIBOU	40	TUNDRA	WS	N	W	600	2000
	East	Ø							
	South	Ø							
	West	CARIBOU	68	TUNDRA	WS	N	W	800	2500
5 Time : 11:40 Did it? : Y/N Wildlife? Y/N	North	Ø							
	East	Ø							
	South	CARIBOU	29	TUNDRA	WS	EAST	W	900	1900
	West	Ø							

AGNICO EAGLE

May 08, 2019

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North	caribou	40	tundra	grazing	none	~~EAST~~	~1km	~1km
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East	caribou	40	tundra	grazing	none	EAST	~1km	~800m
	South	caribou	20	tundra	moving	south-east	west	800	~1km
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

May 09, 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North	Caribou	0	HT					>2
	East	"	—	Tundra					
	South	"	—	"					
	West	"	—	"					
2 Time : Did it? : Y/N Wildlife? Y/N	North	Caribou	6	Tundra					
	East	"	—	"					
	South	"	—	"					
	West	"	—	"					
3 Time : 1400 Did it? : Y/N Wildlife? Y/N	North	Caribou	0	Tundra					
	East	"	—	"					
	South	"	—	"					
	West	"	—	"					
4 Time : 1330 Did it? : Y/N Wildlife? Y/N	North		—	"					
	East	Caribou	0	Tundra					
	South	"	—	"					
	West	"	—	"					
5 Time : 1230 Did it? : Y/N Wildlife? Y/N	North	Caribou	0	Tundra					
	East	"	—	"					
	South	"	—	"					
	West	"	—	"					

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-05-10 **Field Team:** MICKAEL BUTTET-ALLARD / GABRIEL

Temperature: -3.8 **Wind Speed:** 14.3 km **Wind Direction:** SE

Visibility (check): ☐ 100m ☑ 500m ☐ 1 km **Precipitation:** Fossy

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-05-15 **Field Team:** SM & GJ

Temperature: -5°C **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** Ø

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 11:30 Did it? : (Y)/N Wildlife? (Y)/N	North	Artic Hare	1	HT	Resting	—			
	East								
	South	muskox	2	HT	Resting	—	W	500m	1 km
	West	Caribou	65	HT	WS	~~W~~ E	W	1km	2.5 km
2 Time : 0800 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 0900 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 0930 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 1015 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

May 16, 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North	Caribou	0	HT					>2
	East	"	—	Tundra					
	South	"	—	"					
	West	"	—	"					
2 Time : Did it? : Y/N Wildlife? Y/N	North	Caribou	0	Tundra					
	East	"	—	"					
	South	"	—	"					
	West	"	—	"					
3 Time : 1400 Did it? : Y/N Wildlife? Y/N	North	Caribou	0	Tundra					
	East	"	—	"					
	South	"	—	"					
	West	"	—	"					
4 Time : 1330 Did it? : Y/N Wildlife? Y/N	North		—	"					
	East	Caribou	0	Tundra					
	South	"	—	"					
	West	"	—	"					
5 Time : 1230 Did it? : Y/N Wildlife? Y/N	North	Caribou	0	Tundra					
	East	"	—	"					
	South	"	—	"					
	West	"	—	"					

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-05-16 **Field Team:** Gabriel Jodoin & Stephanie M

Temperature: -10°C **Wind Speed:** **Wind Direction:** SW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Ø

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 0980 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South								
	West	~~Caribou~~	~~12~~	~~HT~~	~~Grazing~~	—	W	20	500m
14W 0636034 7224756 2 Time : 1018 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South	Hare	1	HT	Jumping	W	E	500m	20m
	West	Caribou	12	HT	Grazing	—	W	20	500m
3 Time : Did it? : Y/(N) Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-05-19 **Field Team:** SM & LA

Temperature: -10°c **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 10h30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 9h40 Did it? : (Y)/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : 9h30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019/05/22 **Field Team:** Laurence Archambault and Gabriel Joedee

Temperature: -4 **Wind Speed:** 60 km/h **Wind Direction:** N

Visibility (check): ☐ 100m ☒ 500m ☒ 1 km **Precipitation:** Snow near amaruq

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 16h06 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South								
	West	caribou	20	HT	Food	—	W	1500	2000
2 Time : 15h23 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 14h50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 14h00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 13h00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: May 28 2019 **Field Team:** Gabriel Joseph Joe Angatisiak

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 13:20 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 14:10 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 15:15 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 16:45 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 17:15 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

No wildlife

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: May 30, 2019 **Field Team:** Jonathan Pamalik / Gabriel Jodic

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 16:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 15:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 12:58 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South								
	West	Ptarmigan	1	Air	Flying	west	west		100M
4 Time : 11:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 10:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-06-05 **Field Team:** MBA & Martin

Temperature: 6C° **Wind Speed:** **Wind Direction:** North west

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** NONE

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : (Y)/N Wildlife? Y/(N)	North	caribou	2	tundra	walking	North	West	1000	500
	East								
	South								
	West								
2 Time : Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : Did it? : (Y)/N Wildlife? (Y)/N	North	caribou	3	tundra	walking	North	West	2000	2000
	East								
	South								
	West								
4 Time : Did it? : (Y)/N Wildlife? (Y)/N	North	Geese	~15	Flying	Flying	North	east	~400	200
	East	caribou	6	tundra	walking	North	east	1200	1000
	South								
	West	arctic hare	1	tundra	walking	north	east	0	200
5 Time : Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 20/06/2019 **Field Team:** M.G. C.G. P.

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 13:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 11:20 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 10:30 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South	canada goose	6	N/A	FL	East to west	east	300	50
	West	Ptarmagan	2	tundra	RE	N/A	West	500	100
4 Time : 9:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 8:30 Did it? : (Y)/N Wildlife? (Y)/N	North	Artic Hare	1	tundra	WS	N/A	East	300	150
	East	Ptarmagan	1	tundra	RE	N/A	East	300	150
	South								
	West								

July 17, 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 14:43 Time : Did it? : (Y)/N Wildlife? (Y)/N	North	X							
	East	Musk ox	1	Tundra	WS	N	E	1000	500
	South	x							
	West	x							
2 Time : Did it? : (Y)/N Wildlife? Y/(N)	North	x							
	East	x							
	South	x							
	West	x							
3 Time : Did it? : (Y)/N Wildlife? Y/(N)	North	x							
	East	x							
	South	x							
	West	x							
4 Time : Did it? : (Y)/N Wildlife? (Y)/N	North	Muskox	1	Tundra	WS	E	E	2000	1000
	East	x							
	South	x							
	West	x							
5 Time : Did it? : (Y)/N Wildlife? Y/(N)	North	x							
	East	x							
	South	x							
	West	x							

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: July 24 2019 **Field Team:** M, G, J. P.

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** 0

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 7:31 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East	Arctic HARE	1	HT	WS		6	600	200
	South								
	West	musk ox	14	HT	FO	N/A	W	600m	1000
2 Time : 8:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 9:43 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East	Seagull	1	NA	FI	N	6	200	600
	South							300	
	West								
4 Time : 10:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 11:55 Did it? : Y/N Wildlife? (Y)/N	North								
	East								
	South								
	West	Seagull	1		FI	N		300	600

July 29, 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
	North								
40	East								
/N	South								
/N	West								
	North								
866	East								
/N	South								
/N	West								
	North								
10	East								
/N	South								
/N	West								
	North								
30	East								
/N	South								
/N	West								
	North								
	East								
/N	South								
/N	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: Aug 14 2019 **Field Team:** J.P J.A

Temperature: 6.5°C **Wind Speed:** 0 **Wind Direction:** Ø

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 3:15 Did it? : (Y)/N Wildlife? Y/(N)	North					S			
	East								
	South								
	West								
2 Time : 2:45 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East					S			
	South								
	West								
3 Time : 8:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East	0				N			
	South								
	West								
4 Time : 9:05 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East	0				N			
	South								
	West								
5 Time : 10:10 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: Aug 21 2019 **Field Team:** J.P & L.A

Temperature: 17°C **Wind Speed:** 20 Km/hr **Wind Direction:** SSW

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 8:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 8:40 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 3:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South	Caribou	1	HT	FO	S	~~E~~ W	400	400
	West								
4 Time : 1:45 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East	C							
	South								
	West								
5 Time : 1:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East	Caribou	1	HT	WS	S		700	600
	South								
	West	Caribou	4	HT	WS	S		1 km	1 1/2 km

Aug 26 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time 1230 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time :119 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time :1009 Did it? : Y/N Wildlife? Y/N	North	Caribou	57	HT	Re/fo	S	W	950	706
	East								
	South								
	West	-	48	HT	Fo	S	W	1km	800
4 Time :9.00 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

4 3.50 Hol4 1 caribou W S N 850m 450 from Hol 4

Aug 27 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : 1:30 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South	Caribou	6	HT	Fo	5	E	1km	2km
	West	–	1	Road	RE	5	Road	on Road	900

Aug 29 2019

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 1:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 2:16 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 3:20 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South								
	West	Caribou	2	HT	fo	S	W	1.5km	1km
4 Time : 10:20 Did it? : (Y)/N Wildlife? Y/N	North								
	East	Owl	1	FI	fl	S	E	1km	500m
	South								
	West								
5 Time : 9:20 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East	Caribou	13	HT	ws/fo	S	L	3km	2k
	South								
	West	Caribou	14	HT	WS/fo	S	R	1km	2km

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: Sept. 4, 2019 **Field Team:** Isabelle T / Hugh N

Temperature: 5°C **Wind Speed:** 14 Km/hr **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time: 4:55 Did it? : Y/N Wildlife? Y/N	North	Snow Geese	30-40	Tundra	Feeding	—	East	200-300m	1 Km
	East	Snow Geese	30-40	Tundra	Feeding	—			
	South								
	West								
2 Time: 4:05 Did it? : Y/N Wildlife? Y/N	North								
	East	Snow Geese	15-20	Tundra	Feeding	—	East	1-2 Km	1 Km
	South								
	West								
3 Time: 2:45 Did it? : Y/N Wildlife? Y/N	North	Snow Geese	80	Tundra	Flying Resting	East	East	500 m	800 m
	East	Caribou	2	Tundra	Grazing	East	west	1-2 Km	1-2 Km
	South	Snow Geese	20		FL	west	west	Flew over	Flew over
	West								
4 Time: 10:45 Did it? : Y/N Wildlife? Y/N	North								
	East	Snow geese	⇑60	Near lake Tundra	Resting/ feeding	N-W	East	≈1 Km	≈1 Km
	South								
	West	Owl	⇑1	Tundra	Hovering Hunting	N	West	⇑1 Km	≈1 Km
5 Time: 11:40 Did it? : Y/N Wildlife? Y/N	North								
	East	Snow geese	10	Tundra	Flying	N	East	1 Km	1 KM
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: Sept 11 2019 **Field Team:** J.P.

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : 4:30 Did it? : Y/N Wildlife? Y/N	North								
	East	Caribou	33	HT	fo	S	L	900	20
	South								
	West								
3 Time :443 Did it? : Y/N Wildlife? Y/N	North								
	East	Goose	32/16	HT	FI	S	E	1km	50m
	South								
	West	Goose	10		FI				
Km 158 **4** Time : 2:10 Did it? : Y/N Wildlife? Y/N	North	Geese	30	HT	fo/fl	S	W	200	1km
	East								
	South								
	West	Caribou	25	HT	fo	S	W	100	700
176 **5** 177 Time : 12:50 Did it? : Y/N Wildlife? Y/N	North								
	East	Caribou/SG	3/6 flying	HT	fo/ws	S	Right/west	1km	2km
	South	SG Caribou	16/2	HT	fo/RE	S	Left/East	1km/1k	1km/2km
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: Sept 12 2019 **Field Team:** D.T. J.P.

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 7:09 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South		5						
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Sept 19 2019 **Time Started:** 8:00am **Time Ended:**

Temperature: 2.5 **Wind Speed:** 23 **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☐ >1 km **Precipitation:** **Field Team:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 8:30 Did it? (Y)/N Wildlife? Y/N	North	Snow Bunting	10					300	On Top
	East								
	South	Geese	20		Flying	South	East		
	West								
2 Time : 9:15 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 10:15 Did it? : (Y)/N Wildlife? (Y)/N	North	Geese	6	—	Flying	South	—	—	—
	East								
	South	Ptarmigan	15		Feeding	—	West	300	20
	West								
4 Time : 11:10 Did it? (Y)/N Wildlife? (Y)/N	North	Snow Geese	20	Turn	Feeding	—	East	300	100
	East								
	South	Snow Geese	50	—	Flying	North	East	50	Flew over
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019-09-25 **Time Started:** 10:15 **Time Ended:** 13:45

Temperature: 6°C **Wind Speed:** 65 Km/H **Wind Direction:** NNE

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km ☐ >1 km **Precipitation:** **Field Team:** M.A. A.B

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time :10:30 Did it? : (Y)/N Wildlife? (Y)/N	North	NOTHING							
	East	ARTIC HARE	3	LICHEN-ROCK	RESTING	—	E	500m	100m
	South	NOTHING							
	West	NOTHING							
3 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time :13:30 Did it? : (Y)/N Wildlife? Y/(N)	North	NOTHING							
	East	"							
	South	"							
	West	"							

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: Oct 11 2019 **Field Team:** J.P.

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:** Clear

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : 11:36 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East	Caribou	31	HT	WS	N	East Tomest	150	950
	South								
	West								
5 Time : 9:45 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East								
	South	Caribou	200+	HT	FO/WS	S	E	3 km	1.5
	West	Caribou/Wolf	48/1	HT	RN	S	W	1.5 km	2.5 km

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Oct 14 2019 **Time Started:** 8:25 **Time Ended:**

Temperature: -14 **Wind Speed:** 30 km **Wind Direction:** North

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☒ >1 km **Precipitation:** **Field Team:** J.P.

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 8:25 Time : Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 9:35 Did it? : (Y)/N Wildlife? (Y)/N	North								
	East	Caribou	250+	HIT	FO/RG	Road		1.5km	1. km
	South								
	West								
5 Time : 10:11 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-10-18 **Field Team:** ABIDN

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 9:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : 10:00 Did it? : (Y)/N Wildlife? (Y)/N	North	Ptarmigan	15	snow	resting	/	east	300m	300
	East								
	South								
	West								
3 Time : 10:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 2019-10-23 **Time Started:** 8:00 **Time Ended:** 15:00

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☒ >1 km **Precipitation:** **Field Team:** ARI HN

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Oct. 24, 2019 **Time Started:** 9:00 am **Time Ended:** 3:00 pm

Temperature: -7 **Wind Speed:** 15K **Wind Direction:** WNW

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☑ >1 km **Precipitation:** **Field Team:** DN/AN

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 9:15 Did it? (Y)/N Wildlife? Y/(N)	North								
	East					Visibility went down (Fog)			
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : 10:15 Did it? (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 11:12 Did it? (Y)/N Wildlife? Y/(N)	North								
	East						Visibility went down		
	South						~~to the~~ (Fog came in)		
	West								
5 Time : Did it? : Y/(N) Wildlife? Y/N	North								
	East						Visibility went down (Fog)		
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 19-10-30 **Field Team:** DN / ES

Temperature: -9 **Wind Speed:** 6.2 **Wind Direction:** NNW

Visibility (check): ☐ 100m ☒ 500m ☐ 1 km **Precipitation:** None

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : 10:15 AM Did it? : (Y)/N Wildlife? (Y)/N	North	Wolverine	1	HT	WQ	N	E	50m	2m
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 2019-10-30 **Field Team:** Chris Shapka, Isabelle Couture

Temperature: -9°C **Wind Speed:** 4 km/h **Wind Direction:** SW

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** None

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : 17:00 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 16:15 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

(2)

Date: NOV 13 2019 **Field Team:** J.P. A.B.

Temperature: -25 **Wind Speed:** 40 to 60 **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km **Precipitation:** Poor visibility/Clear

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : 1:05 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
2 Time : Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : 2:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 3:20 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 19-11-16 **Time Started:** 13:00 **Time Ended:** 17:00

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☒ 500m ☐ 1 km ☐ >1 km **Precipitation:** **Field Team:** Derek N HN

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : 13:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 14:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 19-11-17 **Field Team:** Derek N

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☒ 100m ☐ 500m ☐ 1 km **Precipitation:** Fog

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : 14:30 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
3 Time : 13:55 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : 12:52 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

Height-of-lands Field Sheet (Whale Tail Haul Road)

AGNICO EAGLE

Date: 2019-11-24 **Field Team:** Kevin Martee & Marilyne Arcand

Temperature: -24C (day average) **Wind Speed:** 10.9 Km/h (day average) **Wind Direction:** West

Visibility (check): ☐ **100m** ☐ **500m** ☒ **1 km** **Precipitation:** N/A

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : **13:50** Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : **14:55** Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: Nov 27 2019 **Time Started:** 9:00 **Time Ended:**

Temperature: **Wind Speed:** **Wind Direction:** N

Visibility (check): ☐ 100m ☒ 500m ☐ 1 km ☐ >1 km **Precipitation:** BS **Field Team:** J.P. D.N.

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : 9:50 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 9:17 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: NOV 28 2019 **Time Started:** 8:50 **Time Ended:**

Temperature: **Wind Speed:** **Wind Direction:** NW

Visibility (check): ☐ 100m ☐ 500m ☒ 1 km ☐ >1 km **Precipitation:** Blowing Snow **Field Team:** N.E. J.P.

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
km 118 **1** Time : 8:50 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
km 122 **2** Time : 9:20 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
km 142 **3** Time : 10:50 Did it? : Y/N Wildlife? Y/N	North	Visibility Poor							
	East								
	South								
	West								
km 158 **4** Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
km 177 **5** Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

AGNICO EAGLE

Height-of-lands Field Sheet (Whale Tail Haul Road)

Date: 12/12/2019 **Field Team:** JP ON

Temperature: Cold -27 **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☑ 1 km **Precipitation:**

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behaviour	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : 13:26 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
4 Time : 10 45 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								
5 Time : 9130 Did it? : (Y)/N Wildlife? Y/(N)	North								
	East								
	South								
	West								

AGNICO EAGLE

Whale tail Road Wildlife Survey Field Sheet

This form is for collaborative systematic monitoring of the access; it is important all fields in the table below are completed

Date: 19.12.15 **Time Started:** 10:45 **Time Ended:** 13:00

Temperature: **Wind Speed:** **Wind Direction:**

Visibility (check): ☐ 100m ☐ 500m ☐ 1 km ☒ >1 km **Precipitation:** **Field Team:** D N

H.O.L	Cardinal point	Species	Qty	Habitat Type	Behavior	Direction of Travel	Side of the road Road	Distance from Road (m)	Distance from H.O.L(m)
1 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
2 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
3 Time : Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
4 Time : 11:35 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								
5 Time : 10:45 Did it? : Y/N Wildlife? Y/N	North								
	East								
	South								
	West								

NADA

APPENDIX I

Remote Camera Protocol – Whale Tail Haul Road

TECHNICAL MEMORANDUM

DATE 27 November 2019 **Project No.** 19124290-412-TM-Rev0

TO Robin Allard
Agnico Eagle

CC Nancy Duquet-Harvey (Agnico Eagle)
Corey De La Mare, Daniel Coulton (Golder)

FROM Carolina Leseigneur Torres and Lynnette Dagenais **EMAIL** **Carolina_LeseigneurTorres@golder.com**

REMOTE CAMERA PROTOCOL – WHALE TAIL HAUL ROAD

1.0 INTRODUCTION

This technical memorandum outlines a standard protocol for the remote camera program for the Whale Tail Haul Road. The remote camera program is part of the on-site caribou monitoring program as outlined in the Terrestrial Ecosystem Management Plan (TEMP; Agnico Eagle 2019). A pilot camera monitoring program was initiated in October 2018 to assess the suitability of the use of remote cameras to collect supplemental data on caribou crossings along the Whale Tail Haul Road. For reference, details on the 2018 program are included in Appendix A.

During the Technical Meetings for the Whale Tail Pit Expansion Project that were held from June 11 to 13, 2019 in Baker Lake, Nunavut, Agnico Eagle Mines Limited (Agnico Eagle) committed to develop a study design to examine the permeability of the Whale Tail Haul Road to caribou movement as those interactions relate to the physical parameters of the road, including backfill height, slope and material grain size (Commitment #13). As the 2018 program was not designed to monitor caribou use relative to the physical parameters of the Haul Road, a new program design was required. The 2019 protocol outlined in this document allows for comparisons to determine if caribou crossing locations along the Whale Tail Haul Road are related to the physical parameters of the road. Further details about the design of the 2019 camera monitoring program are provided in the sections below.

2.0 OVERVIEW AND BACKGROUND INFORMATION

The Whale Tail Haul Road (hereafter referred to as the 'Haul Road') is approximately 65 kilometres (km) in length and connects the Meadowbank Mine to the Whale Tail Pit. The Haul Road is an extension of the All-Weather Access Road (AWAR) that connects the Meadowbank Mine to the community of Baker Lake, Nunavut. As described in the Final Environmental Impact Statement (FEIS) and FEIS Addendum for the Whale Tail Project (Golder 2016, 2018), the general area around the Meadowbank Mine (including the Whale Tail Pit) is largely composed of low sloping uplands, plains, and valleys, with frequent lichen-covered rock outcrops and tundra vegetation. Closer to the mine, Whale Tail Pit, and the Haul Road there are rolling hills with abundant lakes and ponds.

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Barren-ground caribou (*Rangifer tarandus tarandus*) cross the Haul Road during the spring and fall migrations to reach calving and wintering areas, respectively (Golder 2016). Per the FEIS Addendum for the Whale Tail Expansion Project (Golder 2018), the Haul Road is currently 9.5 metres (m) wide but is proposed to be expanded to 15 m in width for improved traffic safety. If the road is expanded, it will maintain design parameters that allow caribou and other wildlife to cross (i.e., a 4:1 slope). The majority of the Haul Road has an average height of 1.2 m, with approximately 75% of the Haul Road having a height of less than 1.5 m from the ground surface. The Whale Tail and IVR pits, the underground mine, and associated components will operate as a satellite of the main Meadowbank Mine and will be accessed via the Haul Road. Haul Road traffic volumes will remain the same as those previously assessed under the FEIS for the Whale Tail Project (see Volume 4, Appendix 4-B, Table 4-B-15 in Golder 2016; and Volume 4, Appendix B, Table 4-B-20 in Golder 2018). As a commitment during the Whale Tail Expansion Project review phase (Commitment #8), a caribou crossing analysis was completed for the Haul Road to inform on potential areas where physical parameters might be modified to improve caribou passage (Golder 2019a). This analysis considered caribou collar data, Meadowbank Mine monitoring data and Traditional Knowledge on caribou migration through the area.

Motion-triggered cameras have been in use for wildlife research for many years (Cutler and Swann 1999), and their use has increased in recent years as the technology has become more affordable and accessible. The use of remote cameras along roads to monitor various activities, including wildlife activity, is becoming more common (Noel et al. 2006; Braden et al. 2008; Dunne and Quinne 2009). The advantage of cameras over other methods such as track counts, radio telemetry and visual and drive-by surveys is that remote cameras can be deployed year-round with minimal invasiveness to wildlife, whereas the other methods can often be tied down to ‘snapshots in time’ or limited in visual area observed.

3.0 2019 REMOTE CAMERA PROTOCOL

Remote cameras are to be deployed year-round, with regular visits to complete photo downloads and maintenance. Remote camera effort is determined as the number of days a camera is operational and taking at least one timed photo per day.

Procedures for software settings for camera and memory card settings, time settings, data recording and additional instructions on camera setup are provided in the Specific Work Instructions and Technical Procedures in Appendix B.

3.1 Equipment

- 20 Reconyx HyperFire 2 Professional Covert IR Camera OD Green cameras
  - Field of View (FOV) angle: 38°
- 20 SD Cards, 32GB Reconyx-certified memory cards
- Lithium batteries (AA size – 12 per camera)
- 20 sets of combination locks and bungee cords for field setup
- Data sheets for camera deployment, maintenance checks, and retrieval

3.2 Camera Monitoring Locations

The 2019 remote camera monitoring locations are based on recent analyses completed using available caribou collar data from 1998 to 2019 for the Lorillard herd, as well as Meadowbank Mine monitoring data and Traditional Knowledge on caribou migration (Golder 2019a). The study design for camera monitoring at the Ekati mine was also considered (ERM 2016). Golder (2019b) found that caribou crossing locations along the Haul Road varied along the length of the road. Common crossing locations occur between KM 113 (previously KM 0) to KM 123, KM 145 to KM 151, KM 154 to KM 158, KM 161 to KM 165 and KM 168 to KM 177 (end of Haul Road). The locations with the highest crossing frequencies, based on collar data, occur within the first 10 km of the Haul Road (Golder 2019a). Selected locations also considered the distribution of categories of road height, which is described below. Other physical attributes of the Haul Road such as slope and material size are unknown at this time but will be measured in the field.

The 2019 remote camera locations are presented in Table 1 and shown (in pairs) on Figure 2. These locations take into account high-frequency crossing locations along the Haul Road (Golder 2019a), as well as road elevation (per data provided by Agnico Eagle in 2019). A coarse-level engineering assessment of Haul Road height indicates that approximately 48.8 km (75%) of the Haul Road is less than 1.5 m, 11.7 km (18%) is from 1.5 m to 3.0 m and 4.6 km (7%) is greater than 3.0 m. To determine if road elevation (and other physical parameters) influences caribou movements across the Haul Road, three sets of camera pairs were placed at locations where the road height is 1.5 to 3 m and >3 m above the surrounding landscape, respectively. Four camera pairs were placed in road elevations <1.5 m as most of the Haul Road is within this height category and caribou crossing most commonly occur where the road is <1.5 m higher than the surrounding landscape.

Table 1: 2019 Remote Camera Locations -

Remote Camera Label	KM Location Reference	Road Height (m)	UTM Coordinates (NAD83; Zone 14W)	
			Easting	Northing
AECC01/AECC02	117	>3	638160	7221584
AECC03/AECC04	132	>3	631978	7233582
AECC05/AECC06	136	1.5 to 3	628561	7235925
AECC07/AECC08	138	<1.5	626880	7236344
AECC09/AECC10	146	>3	619900	7235277
AECC11/AECC12	153	<1.5	618375	7239006
AECC13/AECC14	157	1.5 to 3	620722	7243305
AECC15/AECC16	161	<1.5	619336	7246442
AECC17/AECC18	170	<1.5	612382	7250114
AECC19/AECC20	172	1.5 to 3	611528	7251979

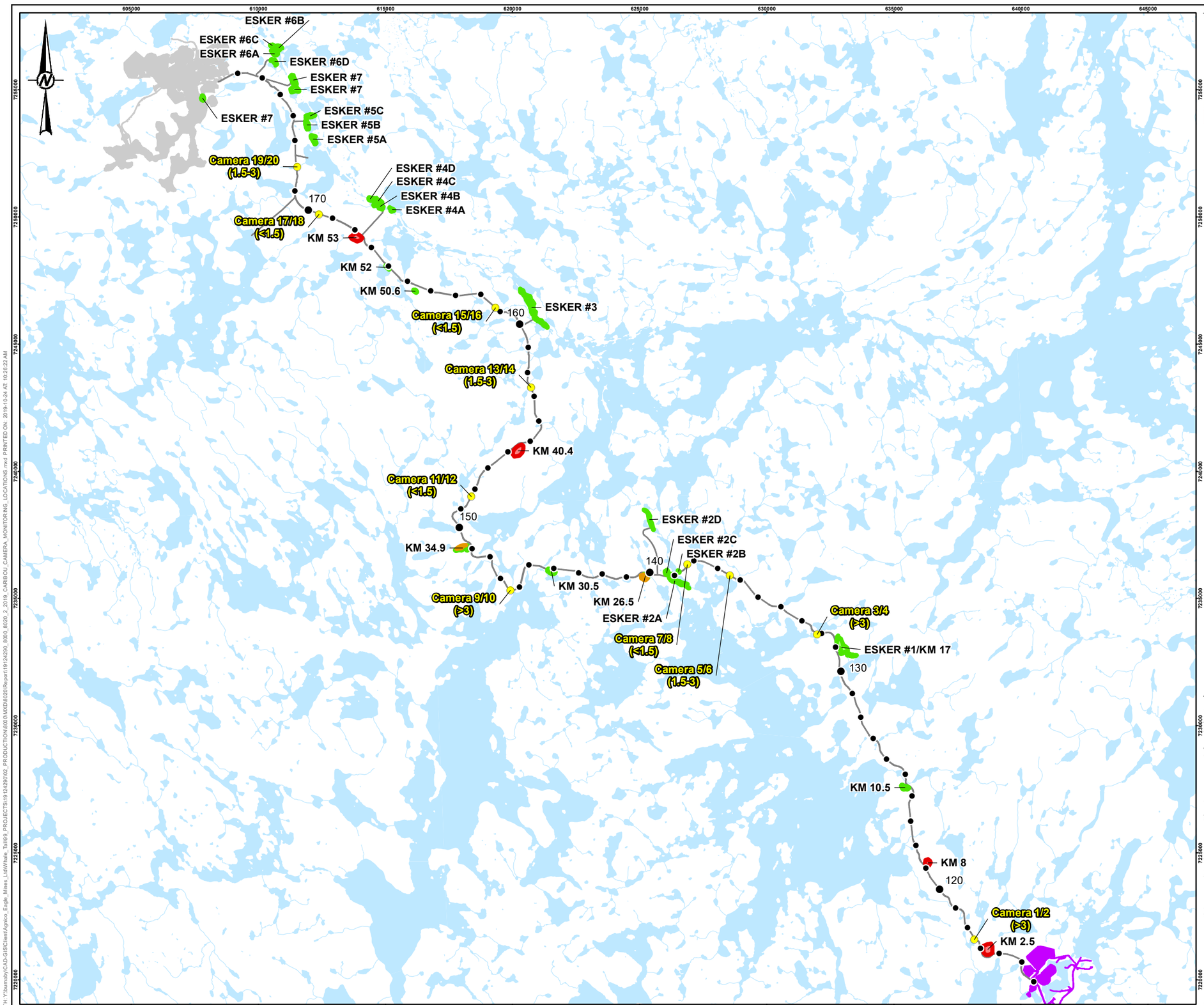
> = greater than; < = less than; KM = kilometre; m = metre; UTM = Universal Transect Mercator

During deployment in early November 2019, it was noted that four cameras were no longer available; these cameras will be replaced. The remaining 16 active cameras were deployed at the locations indicated in Table 2, to monitor a range of locations with varying road heights. The cameras will be re-deployed per the locations in Table 1 once the additional cameras are purchased.

Table 2: 2019 Remote Camera Locations – Deployed November 2019

Remote Camera Label	KM Location Reference	Side of Road	Road Height (m)	UTM Coordinates (NAD83; Zone 14W)	
				Easting	Northing
AECC01/AECC02	117	West	>3	631995	7233610
AECC03/AECC04	132	West	>3	631995	7233610
AECC05/AECC06	136	West	1.5 to 3	628545	7235909
AECC07/AECC08	172	East	<1.5	611531	7251976
AECC09/AECC10	157	East	>3	620735	7243322
AECC11/AECC12	152	East	<1.5	618378	7239002
AECC15/AECC16	161	East	<1.5	612385	7250126
AECC17/AECC18	170	West	<1.5	612385	7250126

> = greater than; < = less than; KM = kilometre; m = metre; UTM = Universal Transect Mercator



LEGEND

- 2019 CARIBOU REMOTE CAMERA MONITORING LOCATION
- KILOMETRE MARKER

WHALE TAIL

- ESKER/QUARRY (APPROVED)
- ESKER/QUARRY (EXPANSION)
- ESKER/QUARRY (NEW)
- INFRASTRUCTURE
- HAUL ROAD
- MEADOWBANK OPERATION AND INFRASTRUCTURE
- WATERCOURSE
- WATERBODY

0 3,000 6,000

1:150,000 METRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED, DRAWING AMQ 2025Q4V5.DWG.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA. DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED: MEADOWBANK DIVISION

PROJECT

WHALE TAIL PIT - EXPANSION PROJECT

TITLE

2019 CARIBOU REMOTE CAMERA MONITORING LOCATIONS

CONSULTANT

GOLDER

YYYY-MM-DD	2019-10-24
DESIGNED	LD
PREPARED	CDB
REVIEWED	
APPROVED	

PROJECT NO.	CONTROL	REV.	FIGURE
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3.3 Camera Deployment and Settings

The cameras will be deployed by Agnico Eagle technicians. At each location (Section 3.2) the first camera in the pair (camera A) will be placed facing parallel to the Haul Road (i.e., recording observations of caribou crossing the Haul Road) in one direction (e.g., north) (Figure 2). The second camera in the pair (camera B) will be placed facing parallel to the Haul Road in the opposite direction of camera A (e.g., south) (Figure 2). Cameras will be placed in close proximity to the Haul Road (within 5 m, approximately 1 m above ground level, see Appendix B). This configuration provides a field of view that will capture Haul Road traffic and caribou interactions with the Haul Road. This configuration is also consistent with camera-road monitoring completed at the Ekati mine (ERM 2016). Where possible, cameras should be positioned facing NE, NW, or N to avoid sun glare.

Camera timing will be set to the continuous motion-triggered setting, with additional timed interval photos occurring every hour.

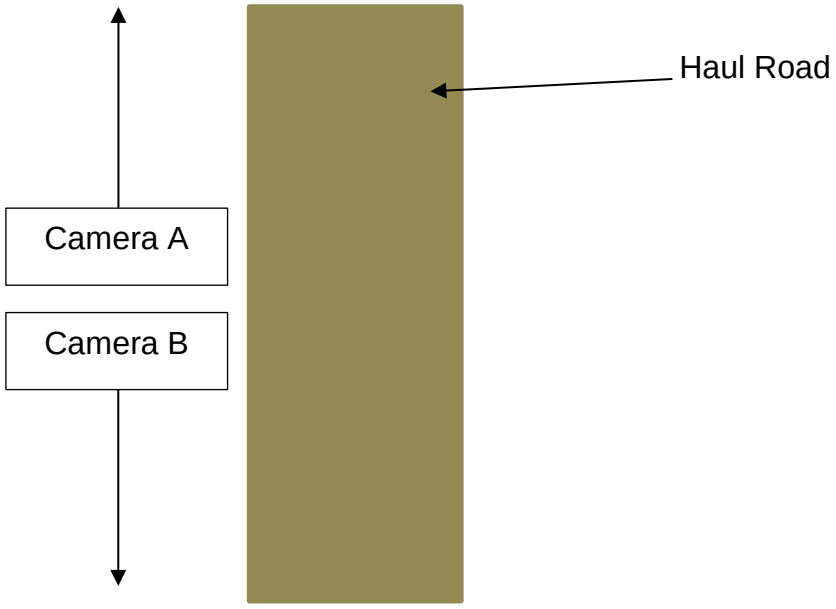

Figure 2: Example of 2019 Camera Positioning to Capture Caribou Crossing of the Haul Road

3.4 Camera Maintenance and Data Downloads

Maintenance checks and data downloads will occur at least every 1-2 months by Agnico Eagle technicians. Camera integrity and battery life will be checked during each maintenance visit. Additionally, the 32 GB memory cards will also be downloaded during each maintenance visit. The easiest way for crews to download the data is to have duplicate SD cards for the cameras and switch them out periodically. Memory cards must be of a certain type (speed and size) and programmed to properly function in the camera (see Appendix B and the HyperFire Instruction Manual).

If cameras require repair or replacement, they should be re-deployed at the earliest opportunity to minimize data loss.

3.5 Data Transfer

Data downloads from the remote cameras will be completed by Agnico Eagle technicians (Section 3.4) and saved on Agnico Eagle's computer systems. It is recommended that, at a minimum, downloaded data be transferred to Golder every quarter of any given year (e.g., January, April, July, and October).

Given the size of data files to be transferred, it is recommended to upload data to an external hard drive for shipment to Golder. The original files on Agnico Eagle's computer systems should be retained to minimize risk of data loss or corruption.

3.6 Photograph Review and Quality Assurance/Quality Control (QA/QC)

Remote camera photographs have inherent limitations tied to the field of view of the camera as well as potentially recording the same individual(s) more than once. As such, the quantitative analyses will be restricted to motion-trigger photos to eliminate potential bias of recording the same individual(s), and additional photos will be considered for supplementary or qualitative information.

The number of photos for each species will be determined by counting the number of separate detections, initiated by the first trigger of an identified wildlife species. For a particular species event, additional photos will not be counted until an hour had passed or until there is a distinguishable difference between separate individuals triggering the camera.

All data will undergo a QA/QC process, whereby at least 15% of the photos from each camera will be reviewed to determine if species and number of individuals observed are identified correctly.

3.7 Data Analysis

Species detections are defined as the number of individual observations for a given species or group.

A photo rate will be calculated for each species recorded and will be used as a metric for species relative abundance. A photo rate will be determined for each species photographed and will include vehicles. The photo rate is the number of detections of a given species divided by the camera station sampling effort in months. The number of active months for each camera will be calculated as follows:

*number of months = (number of active days/365 days) * 12 months*

Statistical analyses will focus on investigating the interactions between caribou during spring and fall migrations and road elevation.

Additional analyses looking at caribou behaviour (Table 3) and if caribou crossing is influenced by the number of vehicles using the road may also be completed.

Table 3: Animal Behaviours

Behaviour	Description
Crossing Event	Caribou recorded crossing the road (fully crossed, walking or running)
Deflection Event	Caribou deflected or deterred from crossing (no full cross/return, walking or running)
Stressed Behaviour (Alert, Run)	Alert – evidence of stress or being startled (head up/down, tail flicks, quick run or change of direction) Deflection Event Running – can be split into running away from/along/off road
Neutral Behaviour (Stay/Stand, Walk)	Stay or standing Normal walking (along road)
Calm Behaviour (Resting, Foraging, Curiosity)	Resting/Laying Down away from or near road Foraging away from/near road Foraging while walking Curiosity (e.g. approach to investigate remote camera or parked vehicle in field or view)

3.8 Reporting

Results of the remote camera monitoring program will be reported as part of the TEMP Annual Report to the Nunavut Impact Review Board (NIRB), in compliance with Project Certificate No.008 Terms and Conditions and its respective amendments.

4.0 CLOSURE

We trust the above meets your needs. Please contact the undersigned if any questions or concerns.

Carolina Leseigneur Torres, M.Sc.
Project Manager, ESIA Specialist and Biologist

Lynnette Dagenais, M.Sc.
Terrestrial Ecologist

Corey De La Mare
Principal - Project Director, Senior Ecologist

CLT/LD/CD/jr

https://golderassociates.sharepoint.com/sites/110051/project files/5 technical work/05_reporting_data_mgmt/remote camera monitoring plan-rprt/rev0/19124290-412-tm-remotecameraprotocol-mbk-wt-rev0.docx

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APPENDIX A

2018 Remote Camera Program - Whale Tail Haul Road

WHALE TAIL HAUL ROAD – 2018 REMOTE CAMERA PROGRAM

The remote camera program was initiated on the Whale Tail Haul Road (Haul Road) on 22-30 October 2018, during the fall caribou migration. The purpose of the 2018 camera program was to obtain preliminary photographic data to examine if there were any observable trends related to the distribution of caribou road crossings and effects of traffic or road activities. These data can inform mitigation measures for traffic and road activities in tandem to data observed through ongoing caribou surveys and analysis of collared caribou data. Remote cameras were deployed in a simple paired design at select locations, within 15 to 25 m off the Haul Road on either side as follows:

- Camera 1: Facing the road, looking West (to capture crossing/avoidance of the road by caribou)
- Camera 2: Facing away from the road, looking West (to capture deflection/avoidance of the road by caribou)
- Timing: continuous motion-triggered setting, with timed interval photos every hour
  - Remote camera effort is tracked as number of days a camera was operational at a location and taking at least one timed photo per day.

Camera 1: Towards Road
(Camera 2 circled in red)

Camera 2: Away from Road

Figure A-1: Sample Camera Setup – October 2018

This camera setup allowed to observe caribou crossings and deflections to obtain preliminary observations and to inform future study design.

The majority of the remote camera pairs were placed between kilometer (KM) 116 (previously KM 2.5) and KM 159 (previously KM 46) along the Haul Road, with most placed between KM 116 and 142. These locations were selected based on a review of 2017 caribou collar data during the fall migration, as received from the Government of Nunavut (GN) under a data sharing agreement. The 2017 collar data indicated the majority of collared caribou crossed at locations between these two kilometer points, though this did not account for considerations of ground elevation and was based on a small number of collared caribou. The remote camera locations are summarized in Table A-1 and shown (in pairs) on Figure A-2.

Table A-1: Remote Camera Locations - October 2018

Remote Camera Label	KM Location Reference	UTM Coordinates (WGS 1984)	
		Easting	Northing
AECC01	KM 116	638850.715	7221003.392
AECC02	KM 116	638870.129	7220970.823
AECC03	KM 123	635713.623	7226020.663
AECC04	KM 123	635667.163	7226011.172
AECC05	KM 118	637976.932	7221904.714
AECC06	KM 118	638011.854	7221913.7
AECC07	KM 133	631236.581	7234210.812
AECC08	KM 133	631221.63	7234217.284
AECC09-02	KM 129	633423.422	7231113.989
AECC10-02	KM 129	633448.363	7231130.857
AECC11	KM 158.5	620616.892	7244380.36
AECC12	KM 158.5	620655.409	7244367.662
AECC13-2	KM 133.5	630998.124	7234324.403
AECC14-2	KM 133.5	631019.539	7234340.085
AECC15	KM 141	624700.038	7235822.134
AECC16	KM 141	624708.686	7235854.52
AECC17	KM 136	628944.039	7235753.636
AECC18	KM 136	628925.231	7235728.712
AECC19	KM 148.5	618657.106	7236612.722
AECC20	KM 148.5	618662.597	7236639.041

The remote camera monitoring locations are revised for the 2019 program moving forward, as outlined in the main document, based on recent analyses completed for available caribou collar data sourced from the GN between 1998 and 2019 for the Lorillard herd including a review of available literature (Golder 2019a,b). As reported, there is quantitative evidence (Boulanger et al. 2012, Golder 2014, 2016; Johnson et al. 2005; Plante et al. 2018) alongside Traditional Knowledge (Sadownik and Harries 1995; Jacobsen 2011) that caribou movements are relative to the presence of lakes, forage quality and topography, where movement rates are reduced in rugged terrain or where high quality habitat is encountered while large lakes are avoided.

The caribou movements for the Lorillard herd in relation to the Haul Road and the AWAR indicated that movement is reduced in high quality habitat and where large lakes are encountered, reflecting longer residencies and navigation to avoid lakes, respectively (Golder 2019b). Crossing locations along the Haul Road were varied along the length of the road – the more common crossing locations occur between KM 113 (previously KM 0) to 123, KM 145 to 151, KM 154 to 158, KM 161 to 165 and KM 168 to 177 (end of Haul Road), though the locations with the highest crossing frequencies, based on collar data, occur within the first 10 km of the Haul Road (Golder 2019a).

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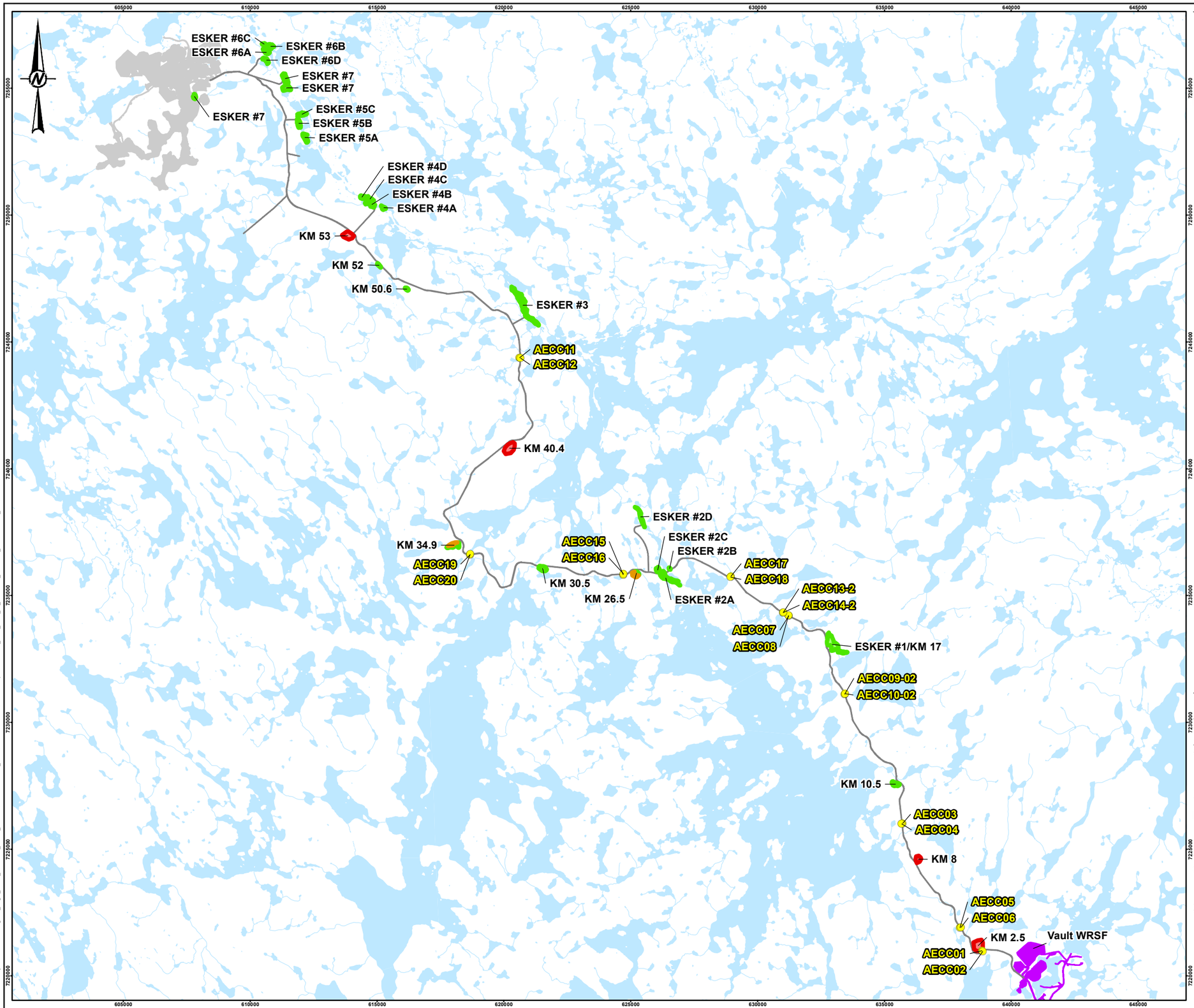

LEGEND

- CARIBOU CAMERA MONITORING LOCATION

WHALE TAIL

- ESKER/QUARRY (APPROVED)
- ESKER/QUARRY (EXPANSION)
- ESKER/QUARRY (NEW)
- INFRASTRUCTURE
- HAUL ROAD
- MEADOWBANK OPERATION AND INFRASTRUCTURE
- WATERCOURSE
- WATERBODY

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1:150,000 METRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED, DRAWING AMQ 2025Q4V5.DWG.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA. DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

CLIENT

AGNICO EAGLE

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL - TEMP

TITLE

CARIBOU CAMERA MONITORING LOCATIONS

CONSULTANT

GOLDER

YYYY-MM-DD	2018-12-13
DESIGNED	CS
PREPARED	CDB
REVIEWED	CD
APPROVED	CD

PROJECT NO.	CONTROL	REV.	FIGURE
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APPENDIX B

Specific Work Instructions and Technical Procedures

APPENDIX J

Whale Tail Haul Road - Remote Camera 2018/2019 Summary

TECHNICAL MEMORANDUM

DATE 25 February 2020 **Project No.** 19124290-472-TM-Rev0

TO Robin Allard
Agnico Eagle Mines Limited

CC Nancy Duquet-Harvey (Agnico Eagle); Corey De La Mare (Golder)

FROM Carolina Leseigneur Torres & Chris Shapka **EMAIL Carolina_LeseigneurTorres@golder.com**

WHALE TAIL HAUL ROAD – REMOTE CAMERA 2018/2019 SUMMARY

DRAFT

1.0 INTRODUCTION

This technical memorandum outlines a summary for the 2018/2019 remote camera program for the Whale Tail Haul Road (Haul Road) for the Agnico Eagle Mines Limited (Agnico Eagle) Meadowbank Complex near Baker Lake, Nunavut. The remote camera program is part of the on-site caribou monitoring program as outlined in the Terrestrial Ecosystem Management Plan (TEMP; Agnico Eagle 2019). A pilot camera monitoring program was initiated in October 2018 to assess the suitability of the use of remote cameras to collect supplemental data on caribou crossings along the Haul Road.

2.0 OVERVIEW AND BACKGROUND INFORMATION

The Haul Road is approximately 65 kilometres (km) in length and connects the Meadowbank Mine to the Whale Tail Pit. The Haul Road is an extension of the All-Weather Access Road (AWAR) that connects the Meadowbank Mine to the community of Baker Lake. As described in the Final Environmental Impact Statement (FEIS) and FEIS Addendum for the Whale Tail and Whale Tail Expansion Projects (Golder 2016, 2018), the general area around the Meadowbank Mine (including the Whale Tail Pit) is largely composed of low sloping uplands, plains, and valleys, with frequent lichen-covered rock outcrops and tundra vegetation. Closer to the mine, Whale Tail Pit, and the Haul Road there are rolling hills with abundant lakes and ponds.

Barren-ground caribou (*Rangifer tarandus tarandus*) cross the Haul Road during the spring and fall migrations to reach calving and wintering areas, respectively (Golder 2016). Per the FEIS Addendum (Golder 2018), the Haul Road is currently 9.5 metres (m) wide but is approved to be expanded to 15 m in width for improved traffic safety. It will maintain design parameters that allow caribou and other wildlife to cross, where practical. The majority of the Haul Road has an average fill height of 1.2 m, with approximately 75% of the Haul Road having a fill height of less than 1.5 m from the ground surface.

Motion-triggered cameras have been in use for wildlife research for many years (Cutler and Swann 1999), and their use has increased in recent years as the technology has become more affordable and accessible. The use of remote cameras along roads to monitor various activities, including wildlife activity, is becoming more common (Noel et al. 2006; Braden et al. 2008; Dunne and Quinne 2009). The advantage of cameras over other methods

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such as track counts, radio telemetry and visual and drive-by surveys is that remote cameras can be deployed year-round with minimal invasiveness to wildlife, whereas the other methods can often be tied down to 'snapshots in time' or limited in visual area observed.

3.0 METHODS - REMOTE CAMERA PROTOCOL

Remote cameras are to be deployed year-round, with regular visits to complete photo downloads and maintenance. Remote camera effort is determined as the number of days a camera is operational and taking at least one timed photo per day. The Remote Camera Protocol (Golder 2019a) outlines the protocols and methods for the program.

3.1 Camera Monitoring Locations – 2018/2019 Remote Camera Program

The remote camera program was initiated on the Haul Road on 22-30 October 2018, during the fall caribou migration. The purpose of the 2018/2019 camera program was to obtain preliminary photographic data to examine if there were any observable trends related to the distribution of caribou road crossings and effects of traffic or road activities. These data can inform mitigation measures for traffic and road activities in tandem to data observed through ongoing caribou surveys and analysis of collared caribou data. Remote cameras were deployed in a simple paired design at select locations, within 15 to 25 m off the Haul Road on either side as follows:

- Camera 1: Facing the road, looking West (to capture crossing/avoidance of the road by caribou)
- Camera 2: Facing away from the road, looking West (to capture deflection/avoidance of the road by caribou)
- Timing: continuous motion-triggered setting, with timed interval photos every hour
  - Remote camera effort is tracked as number of days a camera was operational at a location and taking at least one timed photo per day.

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Camera 1: Towards Road
(Camera 2 circled in red)

Camera 2: Away from Road

This camera setup allowed to observe caribou crossings and deflections to obtain preliminary observations and to inform future study design.

The majority of the remote camera pairs were placed between kilometer (KM) 116 (previously KM 2.5) and KM 159 (previously KM 46) along the Haul Road, with most placed between KM 116 and 142. These locations were selected based on a review of 2017 caribou collar data during the fall migration, as received from the Government of Nunavut (GN) under a data sharing agreement. The 2017 collar data indicated the majority of collared caribou crossed at locations between these two kilometer points, though this did not account for considerations of ground elevation and was based on a small number of collared caribou. The remote camera locations are summarized in Table 1, and shown in pairs in Figure 1.

Table 1: Remote Camera Locations - October 2018

Remote Camera Label	KM Location Reference	UTM Coordinates (WGS 1984)	
		Easting	Northing
AECC01	KM 116	638850.715	7221003.392
AECC02	KM 116	638870.129	7220970.823
AECC03	KM 123	635713.623	7226020.663
AECC04	KM 123	635667.163	7226011.172
AECC05	KM 118	637976.932	7221904.714
AECC06	KM 118	638011.854	7221913.7
AECC07	KM 133	631236.581	7234210.812
AECC08	KM 133	631221.63	7234217.284
AECC09-02	KM 129	633423.422	7231113.989
AECC10-02	KM 129	633448.363	7231130.857
AECC11	KM 158.5	620616.892	7244380.36
AECC12	KM 158.5	620655.409	7244367.662
AECC13-2	KM 133.5	630998.124	7234324.403
AECC14-2	KM 133.5	631019.539	7234340.085
AECC15	KM 141	624700.038	7235822.134
AECC16	KM 141	624708.686	7235854.52
AECC17	KM 136	628944.039	7235753.636
AECC18	KM 136	628925.231	7235728.712
AECC19	KM 148.5	618657.106	7236612.722
AECC20	KM 148.5	618662.597	7236639.041

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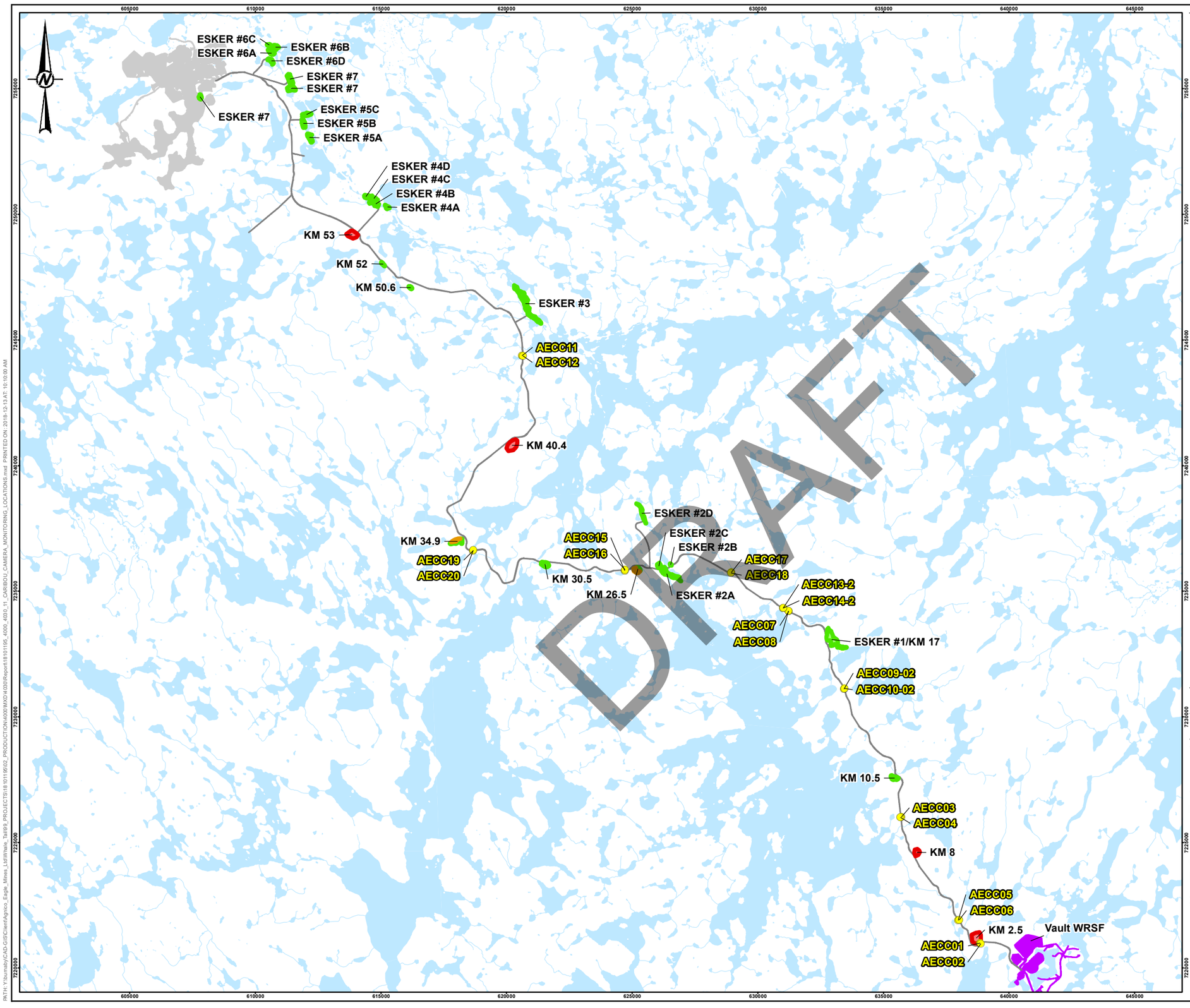

LEGEND

- CARIBOU CAMERA MONITORING LOCATION

WHALE TAIL

- ESKER/QUARRY (APPROVED)
- ESKER/QUARRY (EXPANSION)
- ESKER/QUARRY (NEW)
- INFRASTRUCTURE
- HAUL ROAD
- MEADOWBANK OPERATION AND INFRASTRUCTURE
- WATERCOURSE
- WATERBODY

0 3,000 6,000

1:150,000 METRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED, DRAWING AMQ 2025Q4V5.DWG.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA. DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

CLIENT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

MEADOWBANK AND WHALE TAIL - TEMP

TITLE

CARIBOU CAMERA MONITORING LOCATIONS - 2018 PILOT PROGRAM

CONSULTANT

GOLDER

YYYY-MM-DD	2020-02-19
DESIGNED	CS
PREPARED	CDB
REVIEWED	CLT/CD
APPROVED	CLT/CD

PROJECT NO.	CONTROL	REV.	FIGURE
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As the 2018/2019 program was not designed to monitor caribou use relative to the physical parameters of the Haul Road, a revised protocol was implemented in November 2019 to allow for comparisons to determine if caribou crossing locations along the Haul Road are related to the physical parameters of the road. These changes align with Commitment No.13 from the Technical Meetings for the Whale Tail Expansion Project through the Nunavut Impact Review Board (NIRB).

The remote camera monitoring locations were revised for the 2019 program based on recent analyses completed for available caribou collar data sourced from the GN between 1998 and 2019 for the Lorillard herd, including a review of available literature and Meadowbank Mine monitoring data and Traditional Knowledge on caribou migration (Golder 2019b,c). Selected 2019 camera locations also considered the distribution of categories of road height. As reported, there is quantitative evidence (Boulanger et al. 2012, Golder 2016; Johnson et al. 2005; Plante et al. 2018) alongside Traditional Knowledge (Sadownik and Harries 1995; Jacobsen 2011) that caribou movements are relative to the presence of lakes, forage quality and topography, where movement rates are reduced in rugged terrain or where high quality habitat is encountered while large lakes are avoided. It is possible with further data collection and analysis that the locations for remote camera placing along the Haul Road may be further refined in future, should results indicate a higher frequency of crossing over a particular stretch of the road and/or avoidance of others, as recent results suggest and in consideration of any recommendations from Terrestrial Advisory Group members (Golder 2019c).

Prior to re-deployment in early November 2019, it was noted that four cameras were no longer available, and these will be replaced by new cameras in future by Agnico Eagle. Further details about the revised design of the 2019 camera monitoring program are provided in the Remote Camera Protocol (Golder 2019a).

3.2 Photograph Review, Analysis and Quality Assurance/Quality Control (QA/QC)

The Remote Camera Protocol (Golder 2019a) outlines the protocols and methods to operate the cameras and for review, analysis and QA/QC. A summary is presented here – these methods will be applied to photographs obtained from 2019 onwards.

- Data downloads from the remote cameras will be completed by Agnico Eagle technicians and saved on Agnico Eagle's computer systems and copies transferred to Golder every quarter of any given year for analysis as of 2020 (e.g., January, April, July, and October).
- Remote camera photographs have inherent limitations tied to the field of view of the camera as well as potentially recording the same individual(s) more than once. As such, the quantitative analyses will be restricted to motion-trigger photos to eliminate potential bias of recording the same individual(s), and additional photos will be considered for supplementary or qualitative information. All data will undergo a QA/QC process, whereby at least 15% of the photos from each camera will be reviewed to determine if species and number of individuals observed are identified correctly.
- Species detections are defined as the number of individual observations for a given species or group. A photo rate will be calculated for each species recorded and will be used as a metric for species relative abundance. A photo rate will be determined for each species photographed and will include vehicles. The photo rate is the number of detections of a given species divided by the camera station sampling effort in months.

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- Statistical analyses will focus on investigating the interactions between caribou during spring and fall migrations and road elevation. Additional analyses looking at caribou behaviour and if caribou crossing is influenced by the number of vehicles using the road may also be completed.

3.3 Results

Photos were gathered as part of the pilot camera monitoring program on 22-30 October 2018 during fall migration. Few photos were collected, but those obtained demonstrated that the cameras can be used to monitor caribou use relative to the physical parameters of the Haul Road per Commitment No.13 from the Technical Meetings for the Whale Tail Expansion Project.

Analysis per the proposed methods outlined above could not be completed due to the small number of photographs collected in 2018. As such, a qualitative summary is provided here, based on general observations during fall migration and representative photos included in Table 2:

- Given enough time, caribou were observed crossing the Haul Road, including after the passing of vehicles
  - Crossing time delay can range from approximately five minutes or less, to more than an hour after vehicle passage. It is unclear at this time if crossing delays are due to vehicle passages or proximity of caribou to the Haul Road prior to crossing
    - Caribou have been observed to cross the road immediately after vehicle passage (Photograph 5 in Table 2 demonstrates one such observation)
  - Convoys seem to be effective. Caribou were recorded crossing after a convoy on October 22, 2018 as follows (Photographs 6 to 10 are included in Table 2):
    - Vehicle passes at 14:13 (last vehicle in convoy)
    - Caribou begin crossing at 14:38 (25 minute delay) and continue crossing until the next convoy
    - Vehicle passes at 15:56 (last vehicle in convoy)
    - Caribou continue to cross again at 17:33 (approximately 1.5h delay)
- No apparent deflections of caribou were noted based on remote camera photo captures
- Roadside slopes appear to not be a factor or limitation for caribou movement across the road
- Marker flags along the road (for road and vehicle safety) did not appear to deter caribou crossings, although most flags were frozen in their holding poles on the sides of the road (i.e., not moving or rattling)
- No wolves were observed on the road. One wolf was observed near the road at one location (following young caribou)

Results of the remote camera monitoring program will be reported as part of the TEMP Annual Report to the Nunavut Impact Review Board (NIRB), in compliance with Project Certificate No.008 Terms and Conditions and its respective amendments, for all future analyses. A larger dataset, as collected over time, will allow for more robust analyses and the identification of any trends related to caribou crossings.

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Table 2: Migration Monitoring and Remote Camera Representative Photographs – Fall 2018 Pilot Program

1. Caribou Tracks on Haul Road

2. Caribou Tracks on Haul Road – Caribou Group Approaching Haul Road (circled in red)

3. Caribou Group Crossing Haul Road

4. Caribou Group Approaching Haul Road (circled in red)

5. Caribou Crossing Haul Road Immediately After Vehicle Passing (top of vehicle can be seen in the background)

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6. Remote Camera AECC01 – Vehicle Passing Along Haul Road (Oct.22, 2018 14:13)

7. Remote Camera AECC01 – Caribou Crossing Haul Road (Oct.22, 2018 14:38)

8. Remote Camera AECC01 – Caribou Crossing Haul Road (Oct.22, 2018 15:51)

9. Remote Camera AECC01 – Vehicle Passing Along Haul Road (Oct.22, 2018 15:56)

10. Remote Camera AECC01 – Caribou Crossing Haul Road (Oct.22, 2018 17:33)

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4.0 CLOSURE

We trust the above meets your needs. Please contact the undersigned if any questions or concerns.

Carolina Leseigneur Torres, M.Sc.
Project Manager, ESIA Specialist & Biologist

Chris Shapka, B.Sc., P.Biol, P.Ag
Terrestrial Biologist

Corey De La Mare
Principal - Project Director, Senior Ecologist

CS/CLT/CD/jr

https://golderassociates.sharepoint.com/sites/110051/project files/5 technical work/05_reporting_data_mgmt/remote camera monitoring plan-rprt/rev0/2019 rc summary/19124290-472-tm-mbk-wt_rc2019-rev0.docx

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APPENDIX K

2019 Hunter Harvest Calendar

Baker Lake Harvest Study

2019

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Wintering Caribou

Ray Carlson

Baker Lake Harvest Study

How to Use the Baker Lake Harvest Calendar

Agnico Eagle Mines Ltd., in cooperation with the Baker Lake Hunters and Trappers Organization (HTO), want to understand hunting and fishing patterns by Baker Lake residents. Specifically, we want to understand how the Meadowbank and Whale Tail Gold Project, located north of Baker Lake, might change traditional harvesting patterns. To ensure that traditional hunting and fishing activities are not negatively affected, we have developed this calendar where participants can record harvest information throughout the year.

Near the back of the calendar is a page that shows the animal and fish species that are included in the study. Please write down the species, number, sex, and location of animals or fish that you have harvested on each date on the calendar. When writing down the location, please use the XY coordinate system provided on the nine maps at the back of the calendar.

For example, if you harvested a male caribou on January 16th on Big Hips Island you would write down "1 male caribou, AF19" in the January 16th square of the calendar.

You will also be visited or contacted by the hunter harvest coordinator occasionally throughout the year. The coordinator's job will be much easier if you write down your harvest information in the calendar as soon as possible.

Please return the calendar to the Agnico Eagle office in Baker Lake at the end of the year or give the calendar to the coordinator when he visits in January. Although each participant will receive a gift expressing our thanks, a draw will also be held in January for a number of high quality prizes.

Please contact the Baker Lake Harvest Study Coordinator, Martin Gebauer at (604) 720-6396 (martin@gebauerassociates.com) if you have any questions. Contacts at Agnico Eagle Mines include the Environmental Coordinator at (819) 759-3555, ext. 4606744, or the Community Liaison Coordinator, Karen Yip, at (819) 759-3555, ext. 4606913.

ᖃᑉᓚᓂᑐᐊᖏᑦ ᐊᓐᔪᓇᓯᓂᓂᔪᒍᑦ ᖃᑉᐳᔨᓴᓂᓂᖅ

ᖃᓄᖅ ᐅᑦᑐᖅᓯᐅᑦ ᐊᑐᑦᑎᓂᖅᑕᑦ

ᐊᒃᓂᓄ ᐃᑐ ᐅᓴᖅᑕᓕᐊᑦ, ᐱᓕᓕᖅᑎᖅᓵᑦᑐᑎᓪ ᖃᑉᓚᓂ’ᑐᐊᖏᑦ ᐅᒪᔨᓕᓕᒫᒋᓐᓂᑦ, ᑐᑭᓯᐊᓕᕈᒪᔨᑦ ᒪᖅᐃᓐᓂᔪᒪᑦ ᐊᑐᖅᑕᐅᖅᑎᖅᑕᖅᑐᑦ ᖃᑉᓚᓂᑐᐊᖏᑦᐅᓄᑦ. ᐱᑐᐊᖅᑐᑦ, ᖃᐅᔨᓴᓕᓴᕐᑦ ᖃᐅᔨᒪᔭᖅᑐᑦ ᐊᐳᖅᓄᑦ ᐊᑐᖅᑕᐅᖅᑐᑦ ᐊᒻᒪᓗ Whale Tail ᔪᓗᒥᒃ ᐱᓕᓕᐊᖅ, ᐃᓂᐅᔨᒋᑦᑐᖅ ᐅᐊᓐᓇᓐᓂᑦ ᖃᑉᓚᓂ’ᑐᐊᕐᓴ, ᐊᓯᐊᓐᔪᖅᑎᑦᑎᓇᓴᖅᓯᒋᑦ ᐱᖅᑯᓯᓕᴥᐅᔨᑯᑦ ᒪᖅᐃᓐᓂᔪᒪᑦ ᐊᑐᖅᑕᐅᖅᑎᖅᑕᖅᑐᓂᒃ. ᐱᖅᑯᓯᓕᴥᐅᔨᑯᑦ ᒪᖅᐃᖅᑕᑦᓂᖅ ᐊᒻᒪᓗ ᐃᖅᑉᑕᐊᖅᑕᑦᓂᐅᔨᑦ ᐱᐅᓐᑎᑐᒥᒃ ᐊᑐᖅᑕᐅᖅᑯᓇᑎᑦ, ᐋᖅᑭᐳᓯᓕᐅᖅᑐᒍᑦ ᐅᑦᑐᖅᓯᐅᑎᒥᒃ ᐃᓕᓕᐅᑎᑦᑕᐅᖅᑐᑦ ᑎᑎᖅᑕᐅᖅᑐᑦ ᐅᑭᐅᑐᒃᑕᑦ. ᑎᑎᖅᑭᖅᑕᐅᖅᑐᑦ ᐃᓐᓇᐃᓐᓂᑦ ᐊᑐᖅᑕᐅᖅᑐᑦ ᐅᑦᑐᖅᓯᐅᑎᒥᒃ ᐃᓕᓕᐅᑎᑦᑕᐅᖅᑐᑦ ᐱᐅᓐᑎᑐᒥᒃ ᐊ

Running Caribou

Paul Kabloona

January | ᖁᓇᐅᑎᓪ 2019

Baker Lake Harvest Study
ᖃᒪᓕᑕᐅᖅᑕ ᐊᖏᔪᓂᒃᓴᓂᖅ ᖃᐅᔨᓴᓕᖅ

Sunday ᓴᓇᑕᐅᓕ	Monday ᓴᓇᑕᐅᓕᐅᒪᓂᖅ	Tuesday ᑐᐴᐊᖏᓇᖅ ᓯᑲᓕᖅ	Wednesday ᐱᖏᒃᓯᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓇᖅ
		1 New Year's Day	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

December 2018

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February 2019

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

Wolf Feeding

Ray Carlson

February | ᐃᓕᑭᐊᓗ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑦᑎᐊᖅ ᐊᖏᔪᓇᓴᓂᒍᑦ ᖃᐅᔨᓴᓂᓂᖅ

Sunday ᓴᓇᑕᓕᓕ	Monday ᓴᓇᑕᓕᓂᐅᔪᓂᓴᖅ	Tuesday ᑐᐴᐊᖏᓐᓇᖅ ᓯᖃᓕᖅ	Wednesday ᐱᖓᔪᐊᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓐᓇᖅ
January 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	March 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1	2 Groundhog Day
3	4	5	6	7	8	9
10	11	12	13	14 Valentine's Day	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

Caribou Bulls

Paul Kabloona

March | ᒪᐳ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑐᐊᖏᑦ ᐊᖏᔪᓕᓂᖅᓯᒪᑦ ᖃᐅᔨᓴᓂᓂᖅ

Sunday ᓴᓇᑕᐃᓕ	Monday ᓴᓇᑕᐃᓕᐅᒪᓂᕐᖃᖅ	Tuesday ᑐᖅᓯᐊᖏᓐᓇᖅ ᓯᑲᓕᖅ	Wednesday ᐱᖓᓱᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖃᐃᑐᖏᓐᓇᖅ
February 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	April 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30				1	2
3	4	5	6 Ash Wednesday	7	8	9
10 Daylight Savings Time Begins	11	12	13	14	15	16
17 St. Patrick's Day	18	19	20 First Day of Spring	21	22	23
24	25	26	27	28	29	30
31						

Sik Sik Sentry

Dylan White

April | ᐊᐃᓗᓕ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑐᐊᖅ ᐊᖏᔪᓕᒃᓂᓪᓚᑦ ᖃᐅᔨᓴᓂᓐᖏᑦ

Sunday ᓴᓇᑕᐃᓕ	Monday ᓴᓇᑕᐃᓕᐅᓚᓂᓴᖅ	Tuesday ᑐᐱᓯᐊᖏᓐᓇᖅ ᓯᑲᓕᖅ	Wednesday ᐱᖓᓱᓯᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓐᓇᖅ
	1 April Fool's Day	2	3	4	5	6
7	8	9	10	11	12	13
14 Palm Sunday	15	16	17	18	19 Good Friday Passover	20
21 Easter Sunday	22 Earth Day	23	24	25	26	27
28	29	30				

March 2019

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

May 2019

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Icefishing

Martin Kreelak

May | ᒪᐃ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑐᐊᖏᑦ ᐊᖏᔪᓕᕆᓂᖅᓯᒪᑦ ᖃᐅᔨᓴᖅᓂᖅ

Sunday ᓴᓇᑕᐅᓕ	Monday ᓴᓇᑕᐃᓕᓐᓂᐊᓂᖅ	Tuesday ᑐᕆᓯᐊᖅᓇᖅ ᓯᑲᓕᖅ	Wednesday ᐱᖓᓱᐊᐃᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᕆᓇᖅ
April 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	June 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Hamlet Days TBA	1	2	3	4
5	6	7	8	9	10	11
12 Mother's Day	13	14	15	16	17	18
19	20 Victoria Day	21	22	23	24	25
26	27	28	29	30	31	

Bull in Velvet

Dylan White

June | ᐊᓂ 2019

Baker Lake Harvest Study
ᖃᒪᓕᑕᐃᖏᑦ ᐊᖏᔪᓂᒃᓴᓕᒋᑦ ᖃᐅᔨᓴᓂᓗᒃ

Sunday ᓴᓇᑕᐅᓕ	Monday ᓴᓇᑕᐅᓕᐅᔪᓂᓴᖅ	Tuesday ᑐᐱᓯᖏᓐᓇᖅ ᓯᑲᓕᖅ	Wednesday ᐱᖓᓱᓯᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓐᓇᖅ
May 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	July 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16 Father's Day	17	18	19	20	21 First Day of Summer National Aboriginal Day	22
23	24	25	26	27	28	29
30						

Lone Muskox

Hana Hermanek

July | ᐁᓪᓗᐃ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑐᐊᖅᑎ ᐊᖏᔪᓕᒃᓂᕐᒧᑦ ᖃᐅᔨᓴᖅᓂᖅ

Sunday ᓴᓇᑕᐃᓕ	Monday ᓴᓇᑕᐃᓕᓕᐅᓂᓴᖅ	Tuesday ᑐᐸᓯᐊᖅᓇᖅ ᓯᕗᓕᖅ	Wednesday ᐱᖏᓴᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖅᓇᖅ
	1 Canada Day	2	3	4	5	6
7	8	9 Nunavut Day	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June 2019

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

August 2019

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Sleeping Fox

Dylan White

August | ᐊᔪᓂ 2019

Baker Lake Harvest Study
ᖃᒪᓕᑐᐊᖏᑦ ᐊᖏᔪᓂᒃᓴᓕᒋᑦ ᖃᐅᔨᓴᓂᓕᖅ

Sunday ᓴᓇᑕᐅᓕ	Monday ᓴᓇᑕᐅᓕᐅᒪᓂᓴᖅ	Tuesday ᑐᐳᓂᐊᖏᓇᖅ ᓂᕆᓕᖅ	Wednesday ᐱᖏᓱᐊᑦ	Thursday ᓂᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓄᖅᐃᑐᖏᓇᖅ
July 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	September 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			1	2	3
4	5 Civic Holiday	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Fall Caribou

Tom Thomson

September | ᓯᑎᐱᓇ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑐᐊᖅ ᐊᖏᔪᓯᓂᖅᓯᒪᑦ ᖃᐅᔨᓴᓂᓗᒃ

Sunday ᓴᓇᑕᐱᓕ	Monday ᓴᓇᑕᐱᓕᕆᔨᓂᖅ	Tuesday ᑐᐸᓯᐊᖏᓇᖅ ᓯᖃᓕᖅ	Wednesday ᐱᖓᓱᓯᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓇᖅ
1	2 Labour Day	3	4	5	6	7
8 Grandparent's Day	9	10	11	12	13	14
15 Terry Fox Run	16	17	18	19	20	21
22	23 First Day of Autumn	24	25	26	27	28
29	30					

August 2019

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

October 2019

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Drying Fish

Martin Gebauer

October | ᐅᖅᑐᐱᓗ 2019

Baker Lake Harvest Study
ᖃᒪᓕᑕᐋᖏᑦ ᐊᖏᔪᓚᓂᖅᓂᒃᓯᒪᑦ ᖃᐅᔨᓴᓂᓕᖅ

Sunday ᓴᓇᑕᐅᓕ	Monday ᓴᓇᑕᐅᓕᐅᔪᓂᖃᖅ	Tuesday ᑐᖅᓯᐊᖃᓇᖅ ᓯᓚᓕᖅ	Wednesday ᐱᖏᓴᐊᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖃᐅᑐᖃᓇᖅ
September 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	November 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1	2	3	4	5
6	7	8	9	10	11	12
13	14 Thanksgiving Day	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31 Halloween		

Wolf in Blizzard

Paul Kabloona

November | ᓄᐅᕕᑦ 2019

Baker Lake Harvest Study
ᖃᒪᓕᑕᐃᒥ ᐊᖏᔪᓂᖅᓯᓪᓗᒍ ᖃᐅᔨᓴᓂᖅ

Sunday ᓴᓇᑕᓕ	Monday ᓴᓇᑕᓕᐅᓚᓂᖅ	Tuesday ᑐᐱᓯᖏᓐᓇᖅ ᓯᕗᓕᖅ	Wednesday ᐱᖓᓱᓯᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓐᓇᖅ
October 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	December 2019 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1	2
3 Daylight Savings Time Ends	4	5	6	7	8	9
10	11 Remembrance Day	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Large Caribou Herd

Paul Kabloona

December | ᑎᓯᐱᓇ 2019

Baker Lake Harvest Study
ᖃᒪᓂᑐᐊᖅ ᐊᖏᔪᓯᓂᔨᑦ ᖃᐅᔨᓴᓂᖅ

Sunday ᓴᓇᑕᓕ	Monday ᓴᓇᑕᓕᓂᐅᓂᓴᖅ	Tuesday ᑐᐱᓯᖏᓐᓇᖅ ᓯᕗᓕᖅ	Wednesday ᐱᖃᓐᓇᓯᑦ	Thursday ᓯᑕᒪᑦ	Friday ᑕᓕᒪᑦ	Saturday ᓂᖅᐃᑐᖏᓐᓇᖅ
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22 First Day of Winter	23	24	25 Christmas Day	26 Boxing Day	27	28
29	30	31 New Years Eve				

November 2019

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

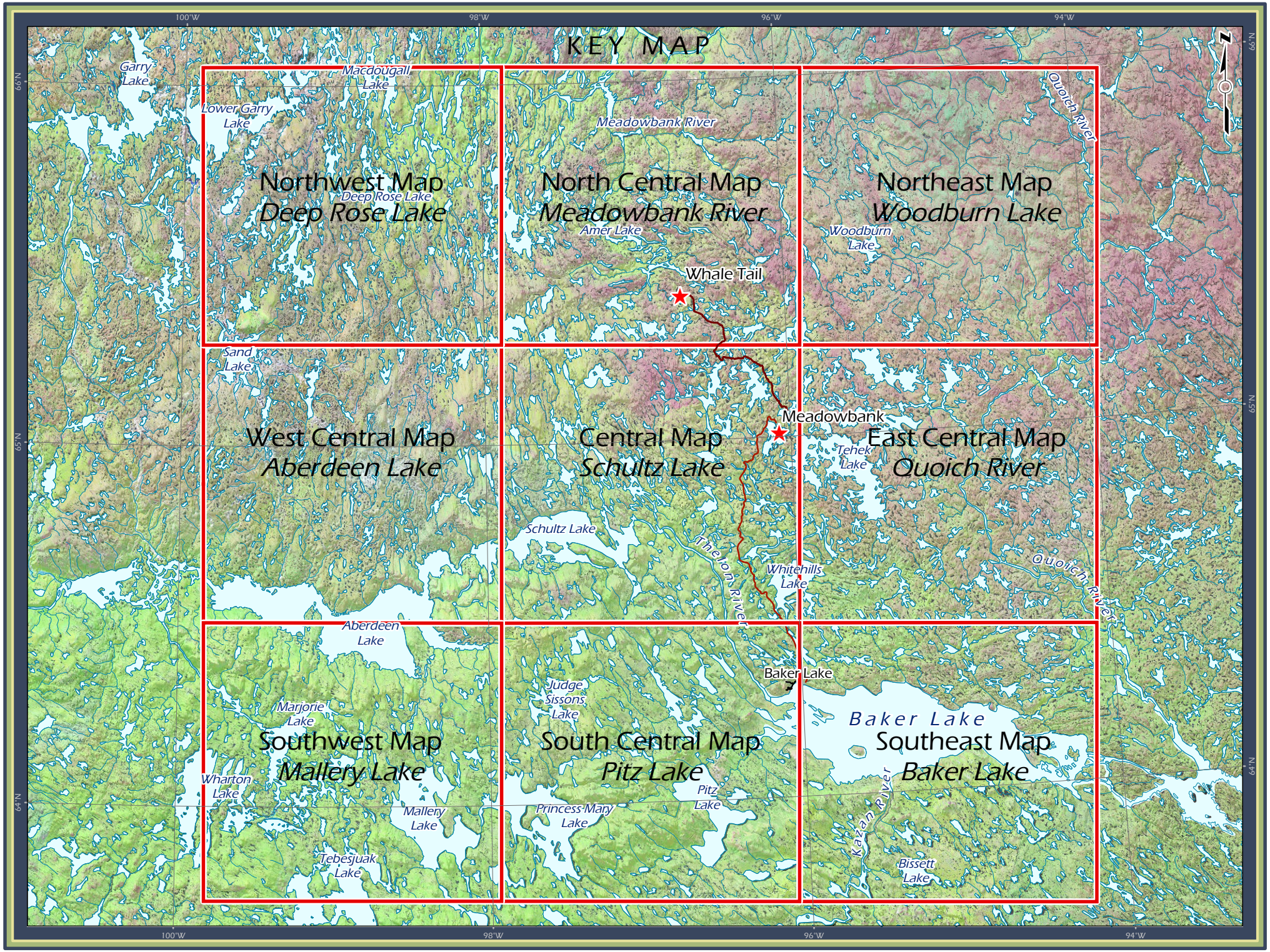
January 2020

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Please return the calendar to the Agnico-Eagle office for entry into the participant draw.

Victor Utatnaq
Cast Antler

Hana Hermanek


KEY MAP
100°W
98°W
96°W
94°W
66°N
65°N
64°N
Garry Lake
Macdougall Lake
Lower Garry Lake
Meadowbank River
Quoich River
Northwest Map
Deep Rose Lake
Deep Rose Lake
North Central Map
Meadowbank River
Amer Lake
Northeast Map
Woodburn Lake
Woodburn Lake
Whale Tail
Sand Lake
West Central Map
Aberdeen Lake
Central Map
Schultz Lake
Meadowbank
East Central Map
Ouoich River
Tehek Lake
Schultz Lake
Thelon River
Whitehills Lake
Quoich River
Aberdeen Lake
Baker Lake
Judge Sissons Lake
Marjorie Lake
Southwest Map
Mallery Lake
South Central Map
Pitz Lake
Baker Lake
Southeast Map
Baker Lake
Wharton Lake
Mallery Lake
Pitz Lake
Princess Mary Lake
Kazan River
Tebesjuak Lake
Bissett Lake

Baker Lake Harvest Study

Northwest Map
Deep Rose Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail

0 5 10 15
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:

AGNICO-EAGLE

By:

Nunavut ENVIRONMENTAL CONSULTING LTD

CASLYS CONSULTING

99°30'W 99°W 98°30'W 98°W

66°N 65°45'N 65°30'N

ZE69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 ZE47

ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY

ZZ69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 ZZ47

Buliard Lake

Back River

Lower Garry Lake

Deep Rose Lake

ZP58

Baker Lake Harvest Study

West Central Map
Aberdeen Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

0 5 10 15
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:

AGNICO-EAGLE

By:

Nunavut Environmental Consulting Ltd

CASLYS CONSULTING

99°30'W 99°W 98°30'W 98°W

65°15'N 65°N 64°45'N 64°30'N

A69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 A47

B C D E F G H I J K L M N O P Q R S T U

V69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 V47

K58

Sand Lake

Naujatuuq Lake

River

Naujatuuq

Oumanaugaq Lake

Oumanaugaq Bay

Peqetuaz Hill

Kuagnok Narrows

Aberdeen Lake

Baker Lake Harvest Study

Southwest Map Mallery Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

0 5 10 15

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:

AGNICO-EAGLE

By:

Nunavut Environmental Consulting Ltd

CASLYS CONSULTING

99°30'W 99°W 98°30'W 98°W

64°30'N 64°15'N 64°N 63°45'N

V69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 V47

W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP

AQ69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 AQ47

Aberdeen Lake

Marjorie Hills

Dubawnt River

Marjorie Lake

AF58

Wharton Lake

Mallery Lake

Maniituq Hill

Tebesjuak Lake

Kunwak River

Piniarvik Peninsula

Baker Lake Harvest Study

North Central Map Meadowbank River

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

0 5 10 15

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:

AGNICO-EAGLE

By:

Nunavut Environmental Consulting Ltd

CASLYS CONSULTING

97°30'W 97°W 96°30'W 96°W

66°N 65°45'N 65°30'N 65°15'N

ZE46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 ZE24

ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZO ZR ZS ZT ZU ZV ZW ZX ZY

ZZ46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 ZZ24

Back River

Meadowbank River

ZP35

Amer Lake

Nanau Lake

Whale Tail

N

Baker Lake Harvest Study

Central Map
Schultz Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

0 5 10 15

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

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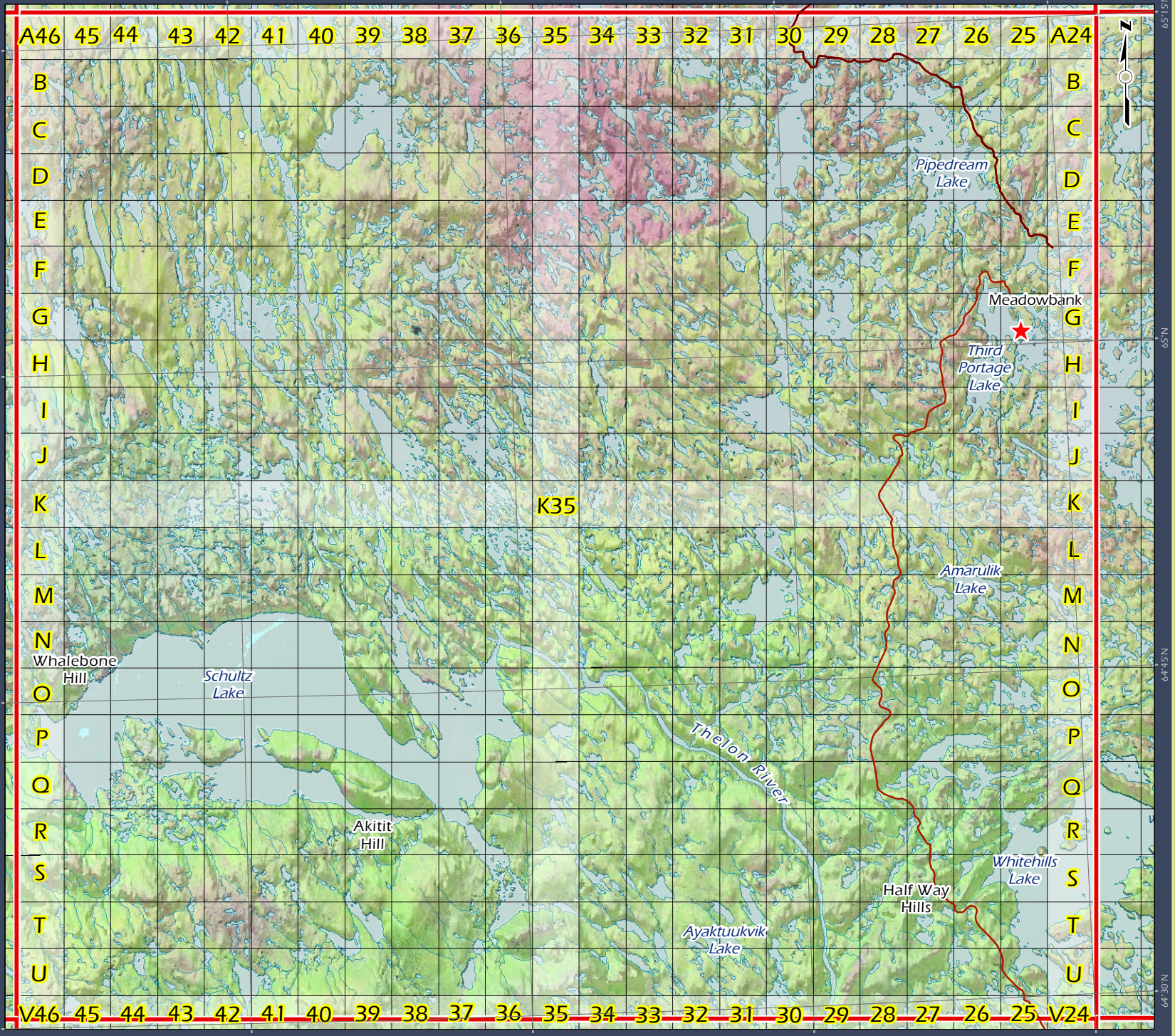

Baker Lake Harvest Study

South Central Map
Pitz Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

0 5 10 15

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:

AGNICO-EAGLE

By:

Nunavut Environmental Consulting Ltd

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97°30'W 97°W 96°30'W 96°W

64°30'N 64°15'N 64°N 63°45'N

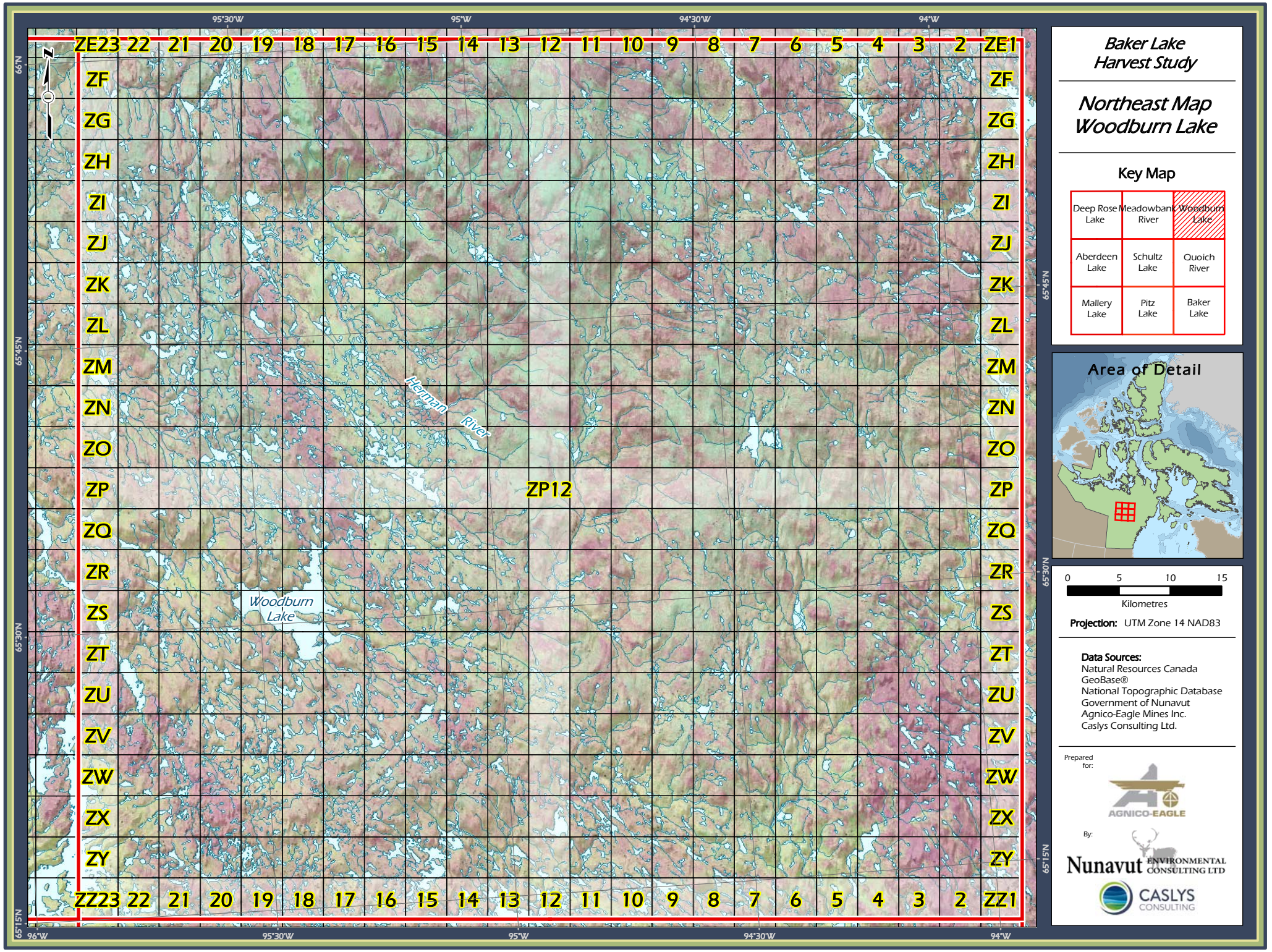
V46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 V24

W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP

AQ46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 AQ24

AF35

Thelon River
Qikittalik Lake
Sigalausivik Hill
Thom Lake
Baker Lake
Judge Sissons Lake
Iglujat Hills
Saglig Island
Qamanaugaq Lake
Mihaluk Lake
Kingatnaaq Hill
Paunraqtuuq Hill
Tiriksiujarvik Hill
Pitz Lake
Princess Mary Lake
Aumaluuktuuk Lake



Baker Lake Harvest Study

Northeast Map Woodburn Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail

0 5 10 15

Kilometres

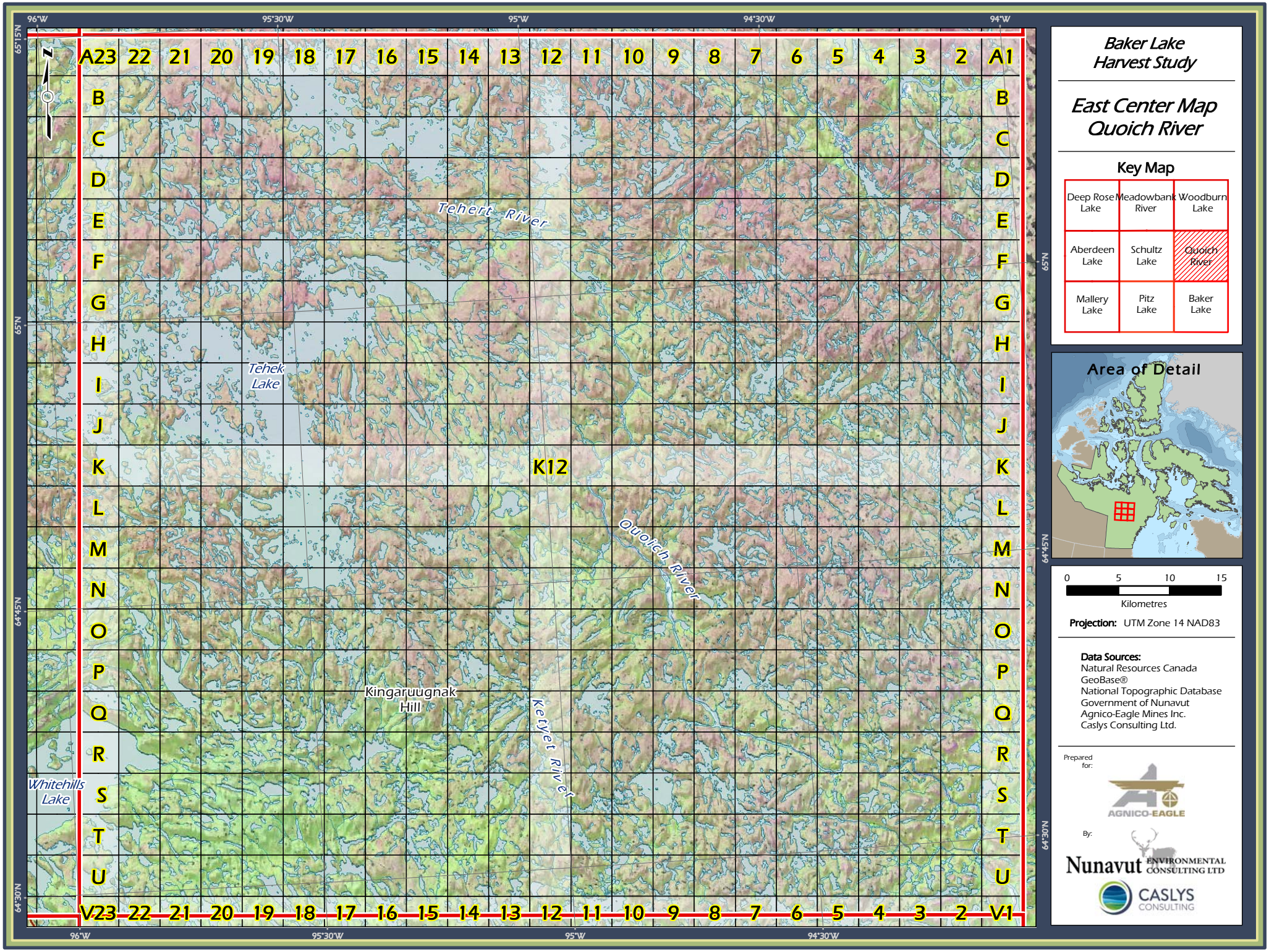
Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for: AGNICO-EAGLE

By: Nunavut Environmental Consulting Ltd

CASLYS CONSULTING



Baker Lake Harvest Study

East Center Map
Quoich River

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail

0 5 10 15
Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for: AGNICO-EAGLE

By: Nunavut Environmental Consulting Ltd

CASLYS CONSULTING

Baker Lake Harvest Study

Southeast Map Baker Lake

Key Map

Deep Rose Lake	Meadowbank River	Woodburn Lake
Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

0 5 10 15

Kilometres

Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Caslys Consulting Ltd.

Prepared for:

AGNICO-EAGLE

By:

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CASLYS CONSULTING

96°W 95°30'W 95°W 94°30'W

64°15'N 64°N 63°45'N

V23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 V1

W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP

AQ23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 AQ1

Baker Lake
Akilahaarjuk Mountain
Evitarulik Lake
Ketyet River
Hatsiumanittuaq Hill
Arluq Island
Saglig Island
Baker Lake
Big Hips Island
Kingatnaaq Hill
AF12
Manimaniit Hills
Lofthouse Hill
Christopher Island
Qulaituujarvik River
Gull Lake
Sugarloaf Mountain
Kazan River
Black Hill
Andrews Lake
Martell Lake
Bissett Lake

Caribou Herd

Paul Kabloona

Nesting Redpoll

Martin Gebauer

Produced By:

AGNICO EAGLE

Nunavut ENVIRONMENTAL CONSULTING LTD

and

CASLYS CONSULTING

APPENDIX L

2019 Whale Tail Raptor Report

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Background

Abundance and distribution of raptor nesting sites in the region surrounding the Whale Tail Project was unknown prior to 2015. The purpose of the raptor monitoring program from 2015 – 2017 focused on searching for nesting sites located near to, and far from proposed or existing infrastructure. Monitoring of raptors is outlined in the Agnico Eagle Meadowbank Division Terrestrial Ecosystem Management Plan (TEMP; Agnico Eagle Mine 2019). The TEMP outlines requirements for avoiding and managing disturbance to nesting raptors, as follows:

- Develop a nest-specific response plan for identified raptor nests within areas of concern to ensure that nesting success is not affected by development activities
- Follow GN-DoE guidelines for avoiding disturbance to raptor nests
- Discourage raptors from establishing nests on artificial structures, pit walls, or other facilities
- Active raptor nest monitoring

In addition, the TEMP also outlines the general monitoring approach, as follows:

- document and map raptor nesting sites (see Term or Condition 33)
- evaluate the success of mitigation to prevent disturbance to raptors or raptor nests,
- estimate project-related disturbance effects.
- develop nesting site-specific management plans for nests within 1.5km of project infrastructure, including minimum "no disturbance" buffers (see Commitment 32). In the event of deterrence of removal of a nest, AEM must contact the GN, and secure the required permits (see Term and Condition 36).

The GN provided additional raptor-specific feedback from information provided in 2018 Annual Report, as follows:

- the current monitoring does not have the power to detect and mitigate Project-related effects on raptor nesting success.
- the study design does support analysis that would allow detection of project-related nest failures (e.g., by examining nest success as a function of intensity of project-related disturbance.

Species Descriptions

Peregrine Falcon (*Falco peregrinus tundrius*)

The Arctic peregrine falcon (Figure 1) is medium- to large-sized falcon. It has a dark hood and face with distinct dark malar stripe, cream to white throat, slate-grey back; barred belly, legs, and tail. Long pointed wings, stocky body. Plumage of immature birds brown rather than grey, and the breast is streaked rather than barred. In adults, the cere and orbital ring are yellow, and bluish in immature birds. Compared with gyrfalcons, the peregrine is smaller and less stocky. In flight, the wings of peregrines appear narrower and more pointed. In peregrine falcons, wing tips extend to bottom of the tail when perched, while in gyrfalcons, wing tips extend two-thirds down the length of tail

F. p. tundrius breeds mainly north of the treeline from Alaska east throughout northern Canada to Greenland. It breeds throughout the taiga and tundra wherever suitable nesting habitat and sufficient prey are present. In Nunavut, peregrines appear to have their highest densities in the Kivalliq and

Kitikmeot regions. Highest breeding density on record is on the western shores of Hudson Bay in the Kivalliq Region.

F. p. tundrius is a long-distance migrant, wintering mainly throughout South and Central America, but also in southern United States and Mexico. Northern-breeding American and Arctic peregrines are highly migratory (Yates et al. 1988, Schmutz et al. 1991, Fuller et al. 1998), and although fall migration occurs over a broad geographic range (Fuller et al. 1998), Yates et al. (1988) indicated that "separate and distinct autumn migratory populations pass through the east and Gulf coasts" of the United States.

Peregrine falcons usually nests on cliffs and rocky outcrops, but also nest on hilltops, river canyons, rock screes, and on occasion directly on the ground (Court et al. 1988, Ratcliffe 1993). They prefer nesting in locations close to water in south-facing, rugged terrain. Hunting habitat includes rugged coastline areas and rolling tundra that consists of raised beaches, dry tundra, sedge meadows, wetlands, and lakes that are inhabited by a diversity of breeding songbirds and shorebirds.

Peregrine Falcons do not build a nest but make a depression (called a scrape) in the substrate on a cliff ledge. Scrapes are usually approximately 20 cm in diameter and 4 cm deep. Females usually do the majority of incubation, and brooding of small young. Males provision incubating females and provide most of the prey when nestlings are small. Thereafter, females do most of the feeding, beginning to hunt after young are large enough to thermoregulate on their own. Clutch size is typically 3 or 4 eggs in Nunavut. In Rankin Inlet and Igloolik, the median incubation period of the first egg was 36 days, and decreased 1 day for each additional egg. The incubation period of the 4th egg (33 days) was similar to what has been reported elsewhere (Burnham 1983).

The Arctic peregrine falcon is a generalist predator with a diverse diet that includes passerines, shorebirds , ducks , gulls, terns, jaegers, black guillemots, and, when available, collared lemmings, brown lemmings, and Arctic ground squirrels. Bradley and Oliphant (1991) indicated that, around Rankin Inlet, small birds (64% of prey items) represented the greatest portion of prey items, followed by microtine rodents (25%), large birds (8%), and Arctic ground squirrels (4%). The most important prey measured by percent biomass were large birds (43%), followed by small birds (25%), microtine rodents (18%), and Arctic ground squirrels (15%).

In Nunavut, the earliest documented arrival for Peregrine Falcons is 10 May at a known breeding site near Rankin Inlet. Although arrival timing varies with spring conditions, the majority of sites are occupied during the 3rd week of May. Median laying date in Rankin Inlet (9 June) is typically earlier than Igloolik (15 June) and northern Baffin Island (16 June). Median date of hatching ranges from 14 July at Rankin Inlet to 18 July on northern Baffin Island and 20 July at Igloolik (Jaffre et al. 2015). Birds depart the breeding grounds from mid-September through early October, arriving on the wintering grounds throughout Central and South America in November.

Gyrfalcon (*Falco rusticolus*)

The gyrfalcon (Figure 2) is large with pointed wings, but more rounded and broader than the wings of other falcon species. The tail is relatively long. When perched, wings extend 2/3 down the tail. The body is thick and powerful, particularly in females. Adults have yellow ceres, eye-rings and legs. As in all falcons, the eyes appear black. Three main color morphs occur: black, grey and white. White adults have almost pure white breasts and bellies, with dark wingtips (dipped-in-ink appearance). Grey adults have slate-colored back, with white underparts mottled with gray arrowhead-shaped markings. Dark

adults are dark-grey overall above and dark-streaked breasts and belly. There is extreme reverse sex dimorphism, with males being approximately 2/3 the size of females (Ferguson-Lees et al. 2001).

Gyrfalcons distribution extends throughout the circumpolar Arctic. Most of the breeding range occurs north of 60°N, but breeding pairs are known to exist as far south as 55°N, mainly along sea coasts in eastern Canada. Many adults remain within the breeding range throughout the year, but some disperse southwards in winter, small numbers reaching the norther. United States (Cade 1982, Poole 1987). Immature birds are much more likely to winter to south of breeding range, and females are thought to disperse more widely, with many males remaining relatively close to breeding territories throughout the year.

Ptarmigan are often cited as the most important prey species by biomass, but Arctic ground squirrel and Arctic hare are also important, as well as small mammals (mice and voles) and other birds (ducks, sparrows, buntings). In central Nunavut, Poole and Boag (1988) identified eleven species of birds and five species of mammals among the prey. Birds accounted for three quarters of the diet, and adult rock ptarmigan were the most common. Arctic ground squirrel and arctic hare, made up the bulk of mammalian prey.

Males occupy and defend nesting territories as early as the end of January, with females arriving in mid-March. In Nunavut, laying typically begin in the first week of May with most pairs laying by the end of the second week in May. Nestlings typically hatch in mid-June but hatching can occur throughout June. Nestlings fledge in late July or early August after 7 weeks in the nest. In Nunavut, gyrfalcon usually nest on cliff ledges, ideally beneath sheltering overhang; sometimes nests in trees or on man-made structures. Nests are generally on rock ledges or abandoned rough-legged hawk or common raven nests. Use of alternate nest sites is not uncommon. Pairs do not necessarily attempt breeding every year, depending on food supply. Typical clutch size is 3-4 eggs (Booms et al. 2008) that are incubated for 34-36 days mostly by the female (ca. 80%). The North American population including Nunavut is considered to be stable (Clum and Cade 1994, Kirk and Hyslop 1998). Although low spring temperatures are associated with later arrival at nesting territories in Nunavut (Poole and Bromley 1988), there was no effect on laying dates. However, (Poole and Bromley 1988) indicated that increased spring precipitation (snow) reduced reproductive success.

Rough-legged Hawk (*Buteo lagopus)*

The rough-legged hawk (Figure 3) is a medium-large bird of prey, with a fairly small beak, predominantly brown in colour and often mottled. Plumage is highly variable with recognized light and dark morphs. Extensive field experience is required to distinguish between males and females, and between adults and juveniles based on plumage alone. A broad chest band is evident in most plumage variations, and in flight, a dark carpal patch is characteristic in light morph individuals. One or more dark terminal bands appear on the tail. The wing tips are long enough to reach or extend past the tail when the animal is perched. Legs are feathered to feet (Ferguson-Lees et al. 2005).

Widespread throughout North America, breeding from the Aleutian Islands, the interior of Alaska, Yukon, northern Mackenzie, and across Nunavut to northern Labrador and Newfoundland and south to Manitoba and southeastern Quebec. In Nunavut, rough-legged hawks are present over most of the territory except for islands without lemmings (Bechard and Swem 2002).

Regularly hovers, or “kites” while facing into the wind scanning for prey. Soars with wings raised in a slight dihedral (V-shape). It is a diurnal raptor that still-hunts from prominent perching structure on both breeding and wintering grounds. Prey is captured on the ground. Courtship involves soaring and calling, with the male engaged in a flight display of repeated undulating stoops rising upward to mid-air stall. It is gregarious on migration, often travelling in large flocks, but small groups or individuals are not uncommon.

During the summer, breeding pairs prefer rugged terrain areas with steeper slopes in areas associated with primary production (i.e., vegetation), and were most likely to nest in large, productive valleys surrounded by high-elevation plateaus (Galipeau et al. 2016). It is widely distributed in winter, usually found in open habitat resembling the tundra such as prairies, plains, coastal marshes, agricultural fields, and airports (Johnsgard and Johnsgard 1990). More common in wintering areas typified by short growing seasons and low precipitation, with highest densities in the northern United States, Great Basin area, and the western shortgrass prairies (Bock and Lepthien 1976, Bock et al. 1977).

The rough-legged hawk is a small mammal specialist; thus, its breeding activity is generally associated with local abundance of ground squirrels, voles, or lemmings (Hanski 1991, Potapov 1997). It will prey on birds when small mammals are scarce, particularly juvenile passerines and shorebirds, and will resort to consuming carrion opportunistically (Watson 1986). Usually reproductively mature at 2 years of age. Stick-nests are built soon after arrival on territory, typically on cliffs, on bluffs, or on the ground. Clutch sizes are variable (1-7 eggs), depending on food availability, but 3-5 eggs are usual and laid in May. Incubation 31-33 days, provided almost entirely by the female. Nestling period is 35-40 days, and fledglings remain dependent on adults for another 2 weeks. The male provisions the young and the female, which feeds the young. Pairs show nest site fidelity, and in locations where ground squirrels are entirely absent, they may forgo breeding or have small broods when lemmings are low, in contrast to Snowy Owls, which are truly nomadic (Bechard and Swem 2002). Bechard and Swem (2002) indicated that egg-laying date was associated with spring temperatures and snow-free ledges, but Potapov (1997) reported no effect of snow melting date or spring/summer temperatures on number of nesting pairs.

Methods

Terminology

The terminology used throughout this report follows (Franke et al. 2017). The following terms are highlighted in an effort to clarify terminology used in this report, and/or to distinguish terms used from similar terms that have distinct meaning:

nest — The structure made or the place used by birds for laying their eggs and sheltering their young (Steenhof and Newton 2007) regardless of whether eggs are laid in the nest in a given year or in any year (Millsap et al. 2015, Steenhof et al. 2017), see Scrape for Gyrfalcons.

nesting site — The substrate which supports the nest or the specific location of the nest on the landscape (Ritchie and Curatolo 1982, Millsap et al. 2015, Steenhof et al. 2017).

alternative nesting site — One of potentially several nests within a nesting territory that is not a used nest in the current year (Millsap et al. 2015).

nesting territory — An area that contains, or historically contained, one or more nests within the home range of a mated pair: a confined locality where nests are found, usually in successive years, and where

no more than one pair is known to have bred at one time (Newton and Marquiss 1984, Steenhoff and Newton 2007). Note that a nesting territory may or may not be defended (Postupalsky 1974), and probably does not include all of a pair's foraging habitat (Newton and Marquiss 1984, Steenhoff and Newton 2007).

occupancy — The quotient of the count of occupied nesting territories and the count of known nesting territories that were fully surveyed in a given breeding season (Franke et al. 2017).

brood size — The actual number of young hatched from a single nesting attempt by a pair of birds. For studies in which mortality that occurs between hatching and the first observation of the brood is unknown, it is appropriate to report brood size (i.e., number hatched) only for broods equal to, or less than 10 days of age. For broods older than 10 days of age, see Brood Size ≥10 days. Report mean and standard error, or standard deviation.

brood size ≥ 10 days — The number of young hatched from a single nesting attempt by a pair of birds. For studies in which mortality that occurs between hatching and the first observation of the brood is unknown, and nestlings are equal to, or greater than 10 days of age, but less than Minimum Acceptable Age for Assessing Success. Report mean and standard error, or standard deviation.

minimum acceptable age for assessing success — A standard nestling age at which a nest can be considered successful. An age when young are well grown but not old enough to fly and after which mortality is minimal until actual fledging. Typically 80% of the age that young of a species normally leave the nest of their own volition for many species, but lower (65–75%) for species in which age at fledging varies considerably or for species that are more likely to leave the nest prematurely when checked (Steenhof and Newton 2007).

nest survival — The probability that a nesting attempt survives over the complete nesting period. When Daily Survival Rate (DSR; Dinsmore et al. 2002) is assumed to be constant over time and E is the nesting period (usually expressed in days), nest survival is DSR^E; otherwise nest survival is the product of each estimated DSR. For raptors, nest survival is the equivalent of nesting success for egg-laying pairs (Steenhof et al. 2017).

productivity — The number of young that reach the minimum acceptable age for assessing success; usually reported as the number of young produced per territorial pair or per occupied territory in a particular year (Steenhoff and Newton 2007, Steenhof et al. 2017).

total production — The total number of young detected.

Field Surveys

Structured surveys were conducted from 2015 – 2017, and in 2019. The focus of these surveys was to search known nesting sites for the presence of cliff-nesting raptors. In addition to the structured surveys, favourable habitat was searched opportunistically when ferrying between known sites, camps or other mine infrastructure and when raptors or signs of site use (e.g., whitewash, orange-colored lichen, and unused nests) were observed. Sites were considered occupied if one or more adults displayed territorial or reproductive behavior (e.g., vocalization and/or flight behavior associated with defense of breeding territory or presence of nest building, nest, or eggs). Locations with partially built or unused nests without detection of breeding aged adults were noted as such (e.g., old stick nest; no birds detected). Raptor monitoring in 2019 involved one helicopter survey (13 – 17 June), and ground -

monitoring of potential nesting habitat (natural cliffs, quarries and borrow pits) along the Haul Road. A second survey to evaluate reproductive success, and provide an estimate of detection error was planned for 7 – 10 August, but was cancelled due to weather, and limitations associated with helicopter availability and travel logistics.

Data Exploration

Nearest Neighbour Distances

Nearest neighbour distances (NND) were calculated in R (R Development Core Team 2017) using the sp, rgeos, and geosphere packages to transform nesting site locations into spatial objects, calculate pairwise distances, and identify the shortest distance between known neighbouring nesting site locations.

Distance to disturbance

Spatial objects (lines and polygons) describing the project footprint were acquired from Agnico Eagle. Euclidean distances from nesting sites to the nearest spatial object were calculated in R (R Development Core Team 2017) using the sp, rgeos, and geosphere packages. Summary data were generated using the hist, boxplot and summary functions in R.

Assigning Nesting Sites to Nesting Territories

In the absence of marked individuals, it can be challenging to definitively identify alternative nesting sites. Failure to account for alternative nesting sites can lead to underestimating demographic parameters such as annual productivity. To address this problem, a rule-based approach was used to estimate the number of alternative nesting sites within the study area (Figure 4):

- If two species-specific nesting sites were separated by a distance of ≤ 1 km they were considered alternative nesting sites in a single nesting territory.
- If two nesting sites within 1 km of each other were occupied by the same species in a given year, they were considered separate territories.
- If multiple species-specific nesting sites were within 1 km of one another, discrete geographic landforms or discontinuities in cliff structure were used to separate or combine sites into territories.

Temporal patterns of multi-species occupancy were used to assess the plausibility of decisions based on the application of the three rules listed above. For example, if two nesting sites were located within 1 km of each other and were occupied by two different species in alternating years, these nesting sites were identified as distinct alternative nesting sites for each species.

Assigning Identification Numbers (ID) to Nesting Territories was conducted according to the following rule set:

- Nesting Territory IDs were assigned within species only (e.g., Nesting Territory IDs for PEFA and RLHA were never shared).
- Nesting Territory IDs were assigned using the Identification Number of one of the Nesting Sites in the cluster according to the following rule set, in order of priority:
    i. Length of tenure (i.e., nesting sites with the longest tenure)
    ii. First tenure (i.e., nesting sites with the first tenure in the event length of tenure was equal).

Occupancy

Although it is not possible to estimate detection error without multiple surveys (i.e., fully surveyed), point estimates without corresponding estimates of error can be calculated as the quotient of the count of occupied nesting territories and the count of known nesting territories that were surveyed in a given breeding season, even if they were not fully surveyed. For each species separately, we first tallied the total count of known nesting sites across all surveys combined. We then adjusted the year-specific count of known nesting sites to account for nesting sites that were not known in that year (i.e., had not been found). Using the methods to assign nesting sites to nesting territories described in the previous section, we tallied the number year-specific nesting territories. We then calculated the year-specific proportion of known nesting territories that were occupied as a proportion of the known nesting territories that were surveyed. For visualization purposes only (i.e., no statistical assessment of trend was attempted), we then used Loess Regression to smoothen the available time series

Results

Data Exploration

Across five different surveys (see Table 1), one-hundred and fourteen locations considered to be typical of raptor nesting habitat were surveyed at least once from 2015 – 2017, and 2019 (n.b., no surveys were conducted in 2018). Of the 114 locations surveyed (Figure 5), nesting raptors have been detected at 58 nesting sites (Table 2). Peregrine falcons have been documented at 43 nesting sites, rough-legged hawks at 23 nesting sites and gyrfalcons have been documented at six nesting sites. The mean nearest neighbour distance (i.e., occupied sites only) was 1.15 km (range = 0.11– 5.36 km). Mean distance from known occupied nesting sites to the haul road was 13.05 km (range = 0.06 – 29.02 km); one nesting site fall within 1.5 km of the Haul Road, and is considered a candidate for development of a site-specific management plan (see Management Plans). A second survey location falls with the "no disturbance" buffer, but nesting raptors have not been detected at this location to date. Mean distance from known occupied sites to the Whale Tail footprint was 17.46 km (range 0.66 – 51.66 km). Two nesting sites fall within 1.5 km of the Whale Tail footprint, and are considered candidates for development of a site-specific management plan (see Management Plans). However, neither are with the 600m limit identified in Government of British Columbia (2013).

After applying the rule-based approach to assign nesting sites to nesting territories, we assessed one peregrine falcon nesting site to be an alternate site within one nesting territory resulting in total of 41 peregrine falcon nesting territories. For rough-legged hawks and gyrfalcons, two nesting sites for each species were considered to alternates, resulting in 21 nesting territories for rough-legged hawks and four for gyrfalcons.

Point estimates for occupancy indicate that peregrine falcons (mean = 0.63) and gyrfalcons (0.63) have been stable (Table 1, Figure 6). For rough-legged hawks, mean occupancy was equal to 0.46, however, data indicate that a peak occurred in 2017 (0.76), which is a well-known for small-mammal specialists which respond to microtine rodent cycles (Gilg et al. 2006).

Discussion

This report retroactively applies GN-DoE guidelines (Government of British Columbia 2013) to assess potential disturbance to known nesting sites that have been identified over the course of five survey-

years (i.e., active baseline monitoring). Agnico Eagle has developed nest-specific response plans for raptor nesting sites within areas of concern to evaluate potential effect of development activities on breeding success. To date, Agnico Eagle has not detected instances of raptors establishing nests on artificial structures, pit walls, or other facilities along the Haul Road or Whale Tail site. Furthermore, mitigation of disturbance has not been necessary as Agnico Eagle has not detected any raptor nests within 1.5km of existing infrastructure.

To date, monitoring has focused on searching for, documenting and mapping nesting sites for three raptor species (peregrine falcons, rough-legged hawks, and gyrfalcons). Study design has been limited to single surveys conducted annually since 2015 (except for 2018), which does not allow for estimation of detection error in estimates of occupancy (i.e., project-related disturbance effects). To address this limitation, starting in 2020, the study design shall be updated to incorporate multiple surveys annually, and will take advantage of the distribution of known nesting sites to monitor occupancy and reproductive success as a function of distance to project-related disturbance, and other covariates as available (e.g. small mammal abundance).

This report meets Term and Condition 33 by documenting and mapping raptor nesting sites (Figure 5, Table 2), and presenting site-specific management plans (see below) for nests within 1.5km of project infrastructure, including minimum "no disturbance" buffers (see Commitment 32).

Management Plans (Commitment 32)

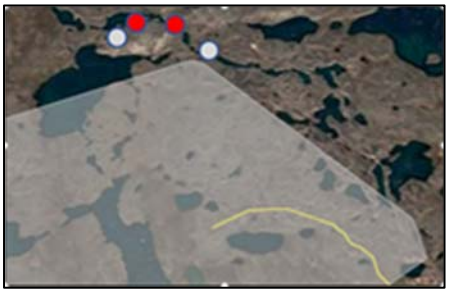
Nesting Site 42

This nesting site (red circle) is located 0.488 km from the Haul Road (yellow line) at latitude 65.110917, longitude -96.104477 (road marker km 121). It was checked in 2015 and 2017, but raptors were not detected. It was occupied by peregrine falcons in 2019 (post Haul Road construction). Ongoing monitoring will be required to determine whether this nesting site is regularly occupied in future years. It is located in a narrow gulley between two rock outcrops, and is not within direct view of the road. Direct disturbance risk (access by people, noise from road traffic) is considered to be low.

Site 43

This site (grey circle) is located 1.005 km from the Haul Road (yellow line) at latitude 65.273917, longitude -96.450046 (road marker km 153). It has no history of use, and is not considered to be at risk of disturbance due to it distance from the Haul Road (i.e., >600m), and its history of use. It is within the 1.5 km "no disturbance" buffer, but greater than the 600m buffer recommended in Government of British Columbia (2013). Agnico Eagle will continue to monitor this potential nesting site annually for presence of nesting raptors, but a management plan is not considered necessary for this cliff.

Sites 58 and 119



Both sites have been checked annually since 2015, and have been regularly occupied (119 by rough-legged-hawks, and 58 by peregrine falcons). Both sites are on the same cliff, and are located within 1.5 km of the expected Whale Tail Project footprint. Both sites are located beyond the 600m buffer (119 = 825m and 58 = 661m) recommended in Government of British Columbia (2013). Furthermore, the nesting cliff faces north, and direct exposure of incubating birds and nestlings to the Whale Tail Project footprint is minimal. Agnico Eagle will continue to monitor these nesting sites annually for presence of nesting raptors, but a management plan is not considered necessary for this cliff.

Tables

Table 1

Table 1. Survey effort and occupancy for peregrine falcons, rough-legged hawks and gyrfalcon breeding near the Whale Tail Project, Nunavut from 2015 – 2019.

Survey effort

Year	2015		2016		2017		2018		2019	
Type	Occupancy	Productivity	Occupancy	Productivity	Occupancy	Productivity	Occupancy	Productivity	Occupancy	Productivity
Date	28 – 30 May	N/A	May 18 - 20	Jul 21 -23	28 – 30 May	N/A	N/A	N/A	13 – 15 Jun	cancelled
Hours	12	N/A	10	10	12	N/A	N/A	N/A	10	cancelled

Occupancy metrics

Year	2015			2016			2017			2018	2019		
	occupied	known	occupancy	occupied	known	occupancy	occupied	known	occupancy	N/A	occupied	known	occupancy
PEFA	24	30	0.80	22	37	0.59	23	41	0.56	N/A	23	41	0.56
RLHA	4	14	0.29	9	20	0.45	16	21	0.76	N/A	7	21	0.33
GYRF	4	4	1.00	2	4	0.50	2	4	0.50	N/A	2	4	0.50

Table 2

Table 2. Geographic coordinates (decimal degrees), distance to nearest neighbour (D2NN), distance to road (D2RD), and distance to footprint (D2FP) for 58 occupied nesting sites surveyed between 2015 and 2019.

	site	latitude	longitude	D2NN (km)	D2RD (km)	D2FP (km)	Mgt. Plan
1	4	65.26865	-96.2974	2.49	4.716	20.0762	No
2	5	65.43728	-96.5821	0.3	4.347	3.471654	No
3	8	65.44396	-96.6014	0.12	4.677	3.495891	No
4	9	65.45078	-96.6041	0.43	5.351	4.010533	No
5	10	65.44697	-96.6058	0.18	4.933	3.62981	No
6	14	65.44189	-96.7278	0.25	5.283	2.493361	No
7	16	65.44494	-96.7334	0.24	5.711	2.898658	No
8	21	65.53657	-96.9563	2.96	20.159	16.49045	No
9	23	65.54697	-96.7894	0.91	17.052	14.48342	No
10	24	65.54884	-96.7702	0.91	16.94	14.41999	No
11	25	65.56906	-96.82	0.43	19.867	17.26577	No
12	26	65.57202	-96.8261	0.43	20.281	17.66797	No
13	27	65.5984	-96.9029	0.75	24.467	21.5935	No
14	28	65.60489	-96.9071	0.75	25.198	22.33922	No
15	32	65.11769	-95.8505	0.51	9.003	46.83729	No
16	34	65.28798	-96.3603	0.23	2.266	16.49749	No
17	38	65.48439	-96.1955	1.36	21.47	20.86524	No
18	39	65.52728	-96.298	1.15	20.527	19.67945	No
19	40	65.57981	-96.2658	0.69	25.839	24.98003	No
20	42	65.11092	-96.1045	2.15	0.488	39.34663	Yes
21	44	64.9376	-96.2774	2.53	0.059	51.65769	Yes
22	46	65.34242	-96.4942	0.25	1.643	7.833974	No
23	49	65.26724	-96.3507	1.56	2.678	18.5599	No
24	51	65.09825	-96.1389	0.63	2.592	39.5332	No
25	52	65.07079	-96.152	2.49	1.654	41.63656	No
26	54	65.1041	-96.2826	2.51	8.472	35.12121	No
27	55	65.28111	-96.6848	2.36	9.379	9.346625	No
28	58	65.43157	-96.6778	0.54	3.186	0.661308	Yes
29	59	65.47422	-96.7106	1.72	8.174	5.653718	No
30	61	65.17494	-95.8958	5.36	10.453	41.11073	No
31	63	65.11243	-96.3323	2.51	10.638	33.07526	No
32	65	65.20558	-96.6023	0.48	7.011	18.36187	No
33	67	65.20154	-96.6061	0.48	7.371	18.75303	No
34	68	65.21639	-96.7209	0.79	11.656	16.49884	No
35	73	65.45661	-96.7737	0.45	7.88	4.730445	No
36	74	65.4548	-96.7583	0.29	7.277	4.309077	No
37	75	65.45524	-96.7645	0.29	7.491	4.448234	No
38	77	65.44382	-96.6637	0.79	4.357	1.987167	No
38	78	65.45267	-96.4856	1.45	8.503	7.655634	No
40	79	65.45624	-96.3541	4.49	13.675	12.88288	No
41	83	65.50426	-97.2294	3.45	28.553	24.04926	No
42	85	65.50109	-97.0226	0.56	19.917	15.65364	No
43	86	65.50602	-97.02	0.56	20.128	15.91137	No
44	87	65.5096	-97.0309	0.22	20.77	16.55399	No
45	89	65.52295	-97.0726	0.14	23.203	18.98755	No
46	90	65.52388	-97.0747	0.14	23.342	19.1282	No
47	91	65.46928	-96.4458	1.63	11.116	10.26902	No
48	92	65.49034	-96.2212	1.36	20.91	20.10259	No
49	94	65.45977	-96.9551	1.72	14.928	10.47587	No
50	95	65.51802	-97.1627	2.82	26.451	22.05913	No
51	97	65.57796	-96.9643	0.28	23.99	20.65109	No
52	99	65.5352	-96.7453	1.91	15.141	12.6275	No
53	107	65.21393	-96.7367	0.79	12.44	16.80833	No
54	108	65.53874	-97.1977	0.11	29.011	24.67434	No
55	109	65.5396	-97.1966	0.11	29.017	24.6861	No
56	116	65.54353	-97.1504	0.65	27.465	23.22592	No
57	117	65.44444	-96.9512	0.55	14.114	9.563901	No
58	119	65.43146	-96.6896	0.34	3.397	0.824742	Yes

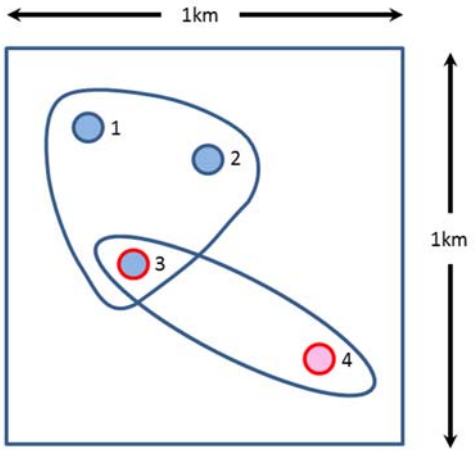
Figures

Figure 1

Figure 2

Figure 3

Figure 4



NS ID	PEFA NT ID	RLHA NT ID	2011	2012	2103	2014	2015	2016	2017
1	**1**	**-**	PEFA	PEFA	NBD	NBD	NBD	PEFA	PEFA
2	1	-	NBD	NBD	PEFA	NBD	PEFA	NBD	NBD
3	1	4	NBD	NBD	NBD	PEFA	RLHA	RLHA	NBD
4	-	4	RLHA	RLHA	NBD	RLHA	NBD	NBD	RLHA

Figure 5

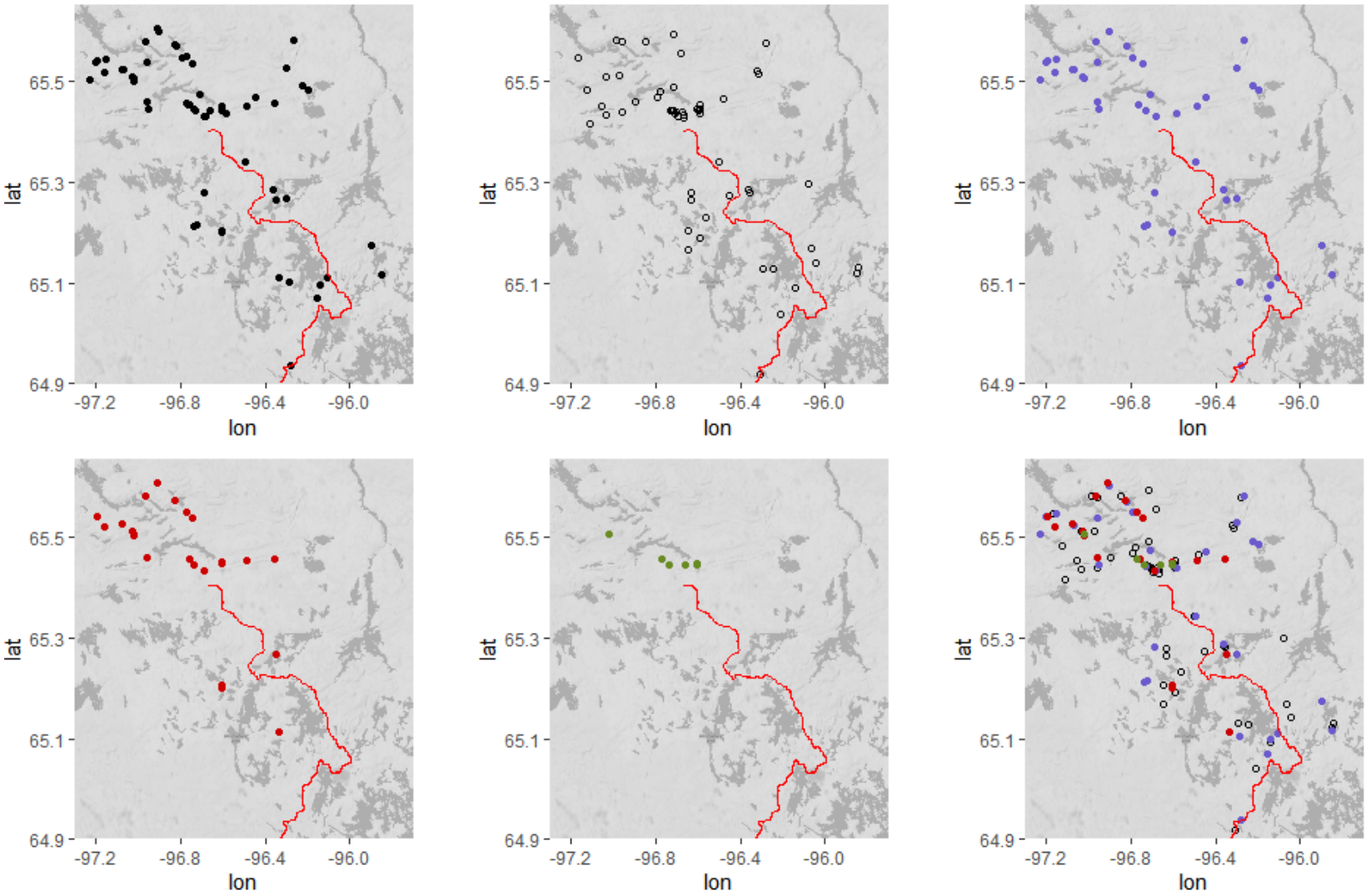
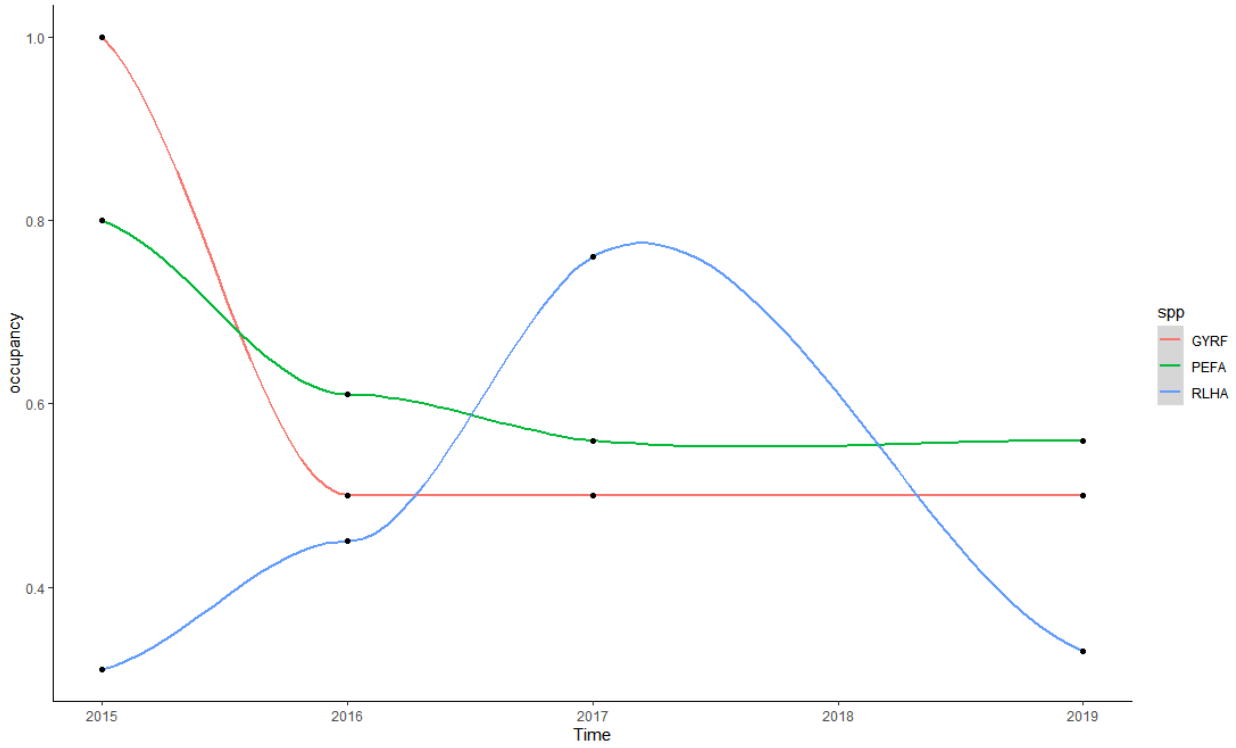


Figure 6


1.0
0.8
0.6
0.4
occupancy
2015
2016
2017
2018
2019
Time
spp
GYRF
PEFA
RLHA

Captions

Figure 1. Adult male peregrine falcon. Note the dark hood and face with distinct dark malar stripe, white throat, slate-grey back, and barred belly, legs, and tail. Wing are long and pointed. Note the yellow legs, cere and eye ring.

Figure 2. Adult female gyrfalcon. Note that wings are more rounded and broader than the peregrine falcon. The tail is relatively long. When perched, wings extend 2/3 down the tail. The body is thick and powerful, particularly in females. Adults have yellow ceres, eye-rings and legs.

Figure 3. Adult male rough-legged hawk. Note predominantly brown in colour and mottled. A broad chest band is evident, and dark carpal patches (not evident here) are characteristic in light morph individuals. One or more dark terminal bands appear on the tail. The wing tips are long enough to reach or extend past the tail when the animal is perched. Note that legs are feathered to feet

Figure 4. Rule-based approach used to assign nesting sites to nesting territories. A cluster of four nesting sites within 1 km of one another that exhibit a site occupancy history among seven years for two species (PEFA and RLHA). Nesting Sites 1 and 2 (blue circles with blue borders) have been occupied solely by PEFA. Nesting Site 4 (red circle with red border) has been occupied solely by RLHA. Nesting Site 3 (blue circle with red border) has been occupied by both PEFA and RLHA. In this example, Nesting Sites 1, 2 and 3 are grouped into a single PEFA Nesting Territory and assigned Nesting Territory ID 1 based on PEFA–specific tenure length (Nesting Site 1 has the longest tenure) and first tenure. Nesting Sites 3 and 4 are grouped into a single RLHA Territory and assigned Nesting Territory ID 4 based on RLHA–specific tenure length (Nesting Site 4 has the longest tenure) and first tenure. Unique nesting locations are ultimately defined by a Nesting Territory ID and a Nesting Site ID (E.g., NT ID 1, NS ID 2). NBD = no birds detected.

Figure 5. Distribution (2015 – 2019) of nesting sites occupied at least once (black circles, upper left panel), potential nesting sites with no history of occupancy (open circles, upper middle panel), nesting sites occupied by peregrine falcons (purple circles; upper right panel), nesting sites occupied by rough-legged hawks (red circles; lower left panel), nesting sites occupied by gyrfalcons (green circles; lower middle panel), all species combined (lower right panel). The Haul Road (red line), Whale Tail Project footprint (grey polygon), and regional study area (black line) are shown relative to the distribution of nesting sites.

Figure 6. Trend (visualizations purposes only, loess smoothing) in occupancy for peregrine falcons (green line), rough-legged hawks (blue line), and gyrfalcons (red line) from 2015 – 2019. Annual occupancy point estimates for each survey year (black circles) are also presented (see Table 1 for details).

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APPENDIX M

2019 Migratory Bird Protection Report

AGNICO EAGLE

MEADOWBANK GOLD PROJECT

2019 Migratory Bird Protection Report

In Accordance with NIRB Project Certificate No.008

Prepared by:
Agnico Eagle Mines Limited – Meadowbank Division

March, 2020

EXECUTIVE SUMMARY

Mitigation measures to reduce impacts of flooding on migratory bird nesting at the Whale Tail site were implemented in 2019 according to the Migratory Bird Protection Plan (July, 2018). Through collaboration with Trent University and ECCC, research studies were simultaneously initiated in 2018 and continued in 2019 to determine the effectiveness of these mitigation measures (audio and visual deterrents). This was the second of three study years, so preliminary results are available for some study objectives.

For the Whale Tail South flood zone, mitigation measures consisted of visual and audio bird deterrents deployed at four locations within the flood zone, covering a total of 24 ha. Regular sweeps of these areas plus an additional 24 ha within the flood zone were conducted by a team of four research personnel every four days during between June 16 and July 14, for a total of 148 hours of sweeps within the flood zone during the 2019 nesting season.

No deterrents were deployed within the Northeast flood zone, since water levels were already near their maximum predicted elevation (156.6 masl) at the beginning of the nesting season (156.3 masl on June 14, 2019).

Research studies continued in 2019 to assess the effectiveness of the audio and visual deterrents in mitigating impacts of flooding on nesting migratory birds. Nest surveys and assessments of behavioural responses were carried out between June 5 and July 14 at reference study sites along the Whale Tail Haul Road (without flooding, with and without deterrents), as well as at both flood-zone and upland sites throughout the Whale Tail South area.

Complete results will be provided upon study completion, following the final 2020 field season. However, results to date demonstrate that deterrents were not effective at deterring birds from nesting. In addition, deployment and maintenance of the deterrents was extremely time consuming. As a result, the study authors do not recommend the ongoing use of the tested deterrents for mitigating nest loss due to disturbance such as flooding in this region.

FEIS (2015/2016) and supplemental baseline surveys (2018) estimated that 50 – 98 nest sites occurred within the flood zones and would thus be impacted by flooding (28 – 56 nests/km^2). However, significant flooding in both areas occurred prior to the nesting season in 2019. As a result, birds would not have tried to nest in the already flooded area and direct loss of active nests due to flooding would have been less than predicted (e.g. in 2019, estimated direct losses were 4 nests/km^2). Indirect impacts of flooding on the nesting success of displaced birds is unknown. Studies to be conducted in 2020 will attempt to determine whether birds displaced by flooding are successfully nesting in new shoreline territories or adjacent areas.

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SECTION 1 • INTRODUCTION

In 2018, Agnico Eagle Mines Ltd. (Agnico) was issued NIRB Project Certificate No. 008 for development of the Whale Tail site, a satellite deposit at the Meadowbank Mine. Agnico has planned two water diversions as part of water management activities for this project.

The Whale Tail Lake (South Basin) diversion (Figure 1) was initiated through construction of the Whale Tail Dike) to divert flow from Whale Tail Lake and tributary lakes through Lake A45, just south of Lake A16 (Mammoth Lake). Flooded tributary lakes include Lake A18, Lake A19, Lake A20, Lake A21, Lake A22, Lake A55, Lake A62, Lake A63, Lake A65, Pond A-P1, and Pond A-P53. In-water construction of the Whale Tail Dike was completed September 2018, and dewatering of the North Basin of Whale Tail Lake to advance flooding began in March, 2019. The rise in water levels from baseline (~152.5 masl) to 156.00 masl of this area will occur in 2019 and 2020, causing approximately 157 ha of terrestrial flooding.

The Northeast diversion (Figure 2) consists of construction of the Northeast dike to divert Lake A46 and tributary lakes through Lake C44 in the Lake C38 (Nemo Lake) watershed. Flooded tributary lakes include Lake A47, Lake A48, Lake A113, Pond A-P38, and Pond A-P68. The main construction activities for the Northeast dike were carried out from September 2018 to February 2019. Flooding of this area began in spring 2019, and the estimated total flooded terrestrial area is 18 ha.

Flooding of these two areas has the potential for incidental disturbance and destruction of migratory birds and their nests. As per Nunavut Impact Review Board (NIRB) Project Certificate No.008 Condition 34, the Migratory Birds Protection Plan (the Plan) describes how these impacts will be mitigated through use of visual and audio bird deterrents, and regular sweeps by personnel to discourage nesting. Mitigation was planned to be focused between 2018 and 2020, or until water levels reach their maximum flood plain.

Since flooding had not yet occurred in 2018, mitigation measures began in 2019 in consultation with academic research partners at Trent University. This report describes the mitigation measures that were implemented, and results of field studies conducted simultaneously in collaboration with Environment and Climate Change Canada (ECCC) and Trent University to understand the effectiveness of the various types of mitigation (deterrents).

PROJECT: DA11-062-08

CLIENT: Agnico-Eagle Mines Ltd. Meadowbank Division

DATE: 12, March 2020

DRAWN BY: Janel Sauder

Figure 1: Whale Tail South Flood Zone Water Levels

Legend

- Dewatering Monitoring Locations
- Diffuser location
- Infrastructure
- Dewatered Lake

South Whale Tail Lake Elevations

- Baseline Water Level
- 2019 Final Water Level (155.17 masl)
- 2019 Peak Water Level (155.84 masl)
- Max Predicted Water Level (156 masl)

Mammoth Dike

Diffuser location

ST-DD-10

MAMMOTH LAKE

WHALE TAIL LAKE (NORTH BASIN)

Whale Tail Dike

Diffuser location

ST-DD-8

WHALE TAIL LAKE (SOUTH BASIN)

0 0.25 0.5 1

Kilometres

SCALE: 1:22,000

N

UTM Zone 17N NAD83

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

AGNICO EAGLE

Disclaimer:
The information displayed on this map has been compiled from various sources. While every effort has been made to accurately depict the information, this map should not be relied on as being a precise indicator of locations, features, or roads, nor as a guide to navigation.

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PROJECT: DA11-062-08

CLIENT: Agnico-Eagle Mines Ltd. Meadowbank Division

DATE: 12, March 2020

DRAWN BY: Janel Sauder

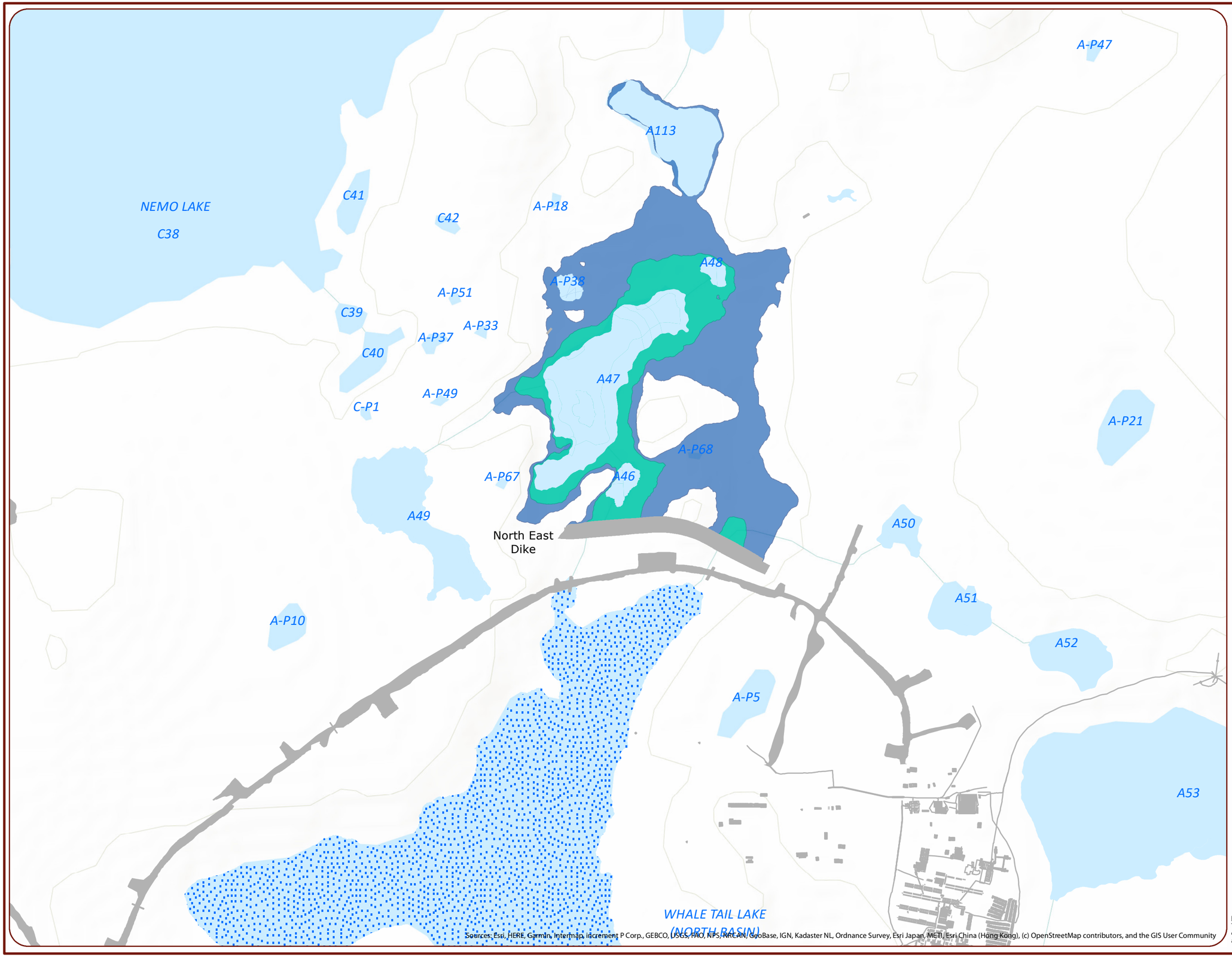
Figure 2: North East Diversion Flood Zone Water Levels

Legend

- Infrastructure
- Dewatered Lake

North East Diversion Lake Elevations

- Baseline water level
- Final 2019 water level (155.66 masl)
- Final predicted water level and peak 2019 water level (156.66 masl)



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SECTION 2 • WATER LEVELS

A complete discussion of dike construction and water level monitoring for the Whale Tail South flood zone is provided in the 2019 Water Quality Monitoring for Dike Construction and Dewatering Report. Results are summarized here.

In-water construction of the Whale Tail Dike was complete in September, 2018, and dewatering of Whale Tail Lake (North Basin) began in March, 2019, initiating the planned flooding of the Whale Tail South flood zone.

Maximum predicted water levels in the Whale Tail South flood zone are shown in Figure 3, along with measured peak flood levels in 2019, and final water levels (December, 2019). The progression of flooding in 2019 (measured water levels) is shown in Figure 3, in relation to FEIS predictions.

Due to record rainfall, peak water levels in 2019 exceeded predictions in July, but did not reach the maximum predicted final flood level of 156.0 masl, which is planned to occur in 2020. Following discussions with NWB, Agnico temporarily pumped non-contact water from the Whale Tail South (WTS) flood zone directly to Mammoth Lake, from October 21 to December 18, 2019. Construction of the South Whale Tail Channel (SWTC) began in late 2019, and is expected to be completed prior to freshet in 2020, which will ensure water levels remain within the maximum predicted range of 156.0 masl.

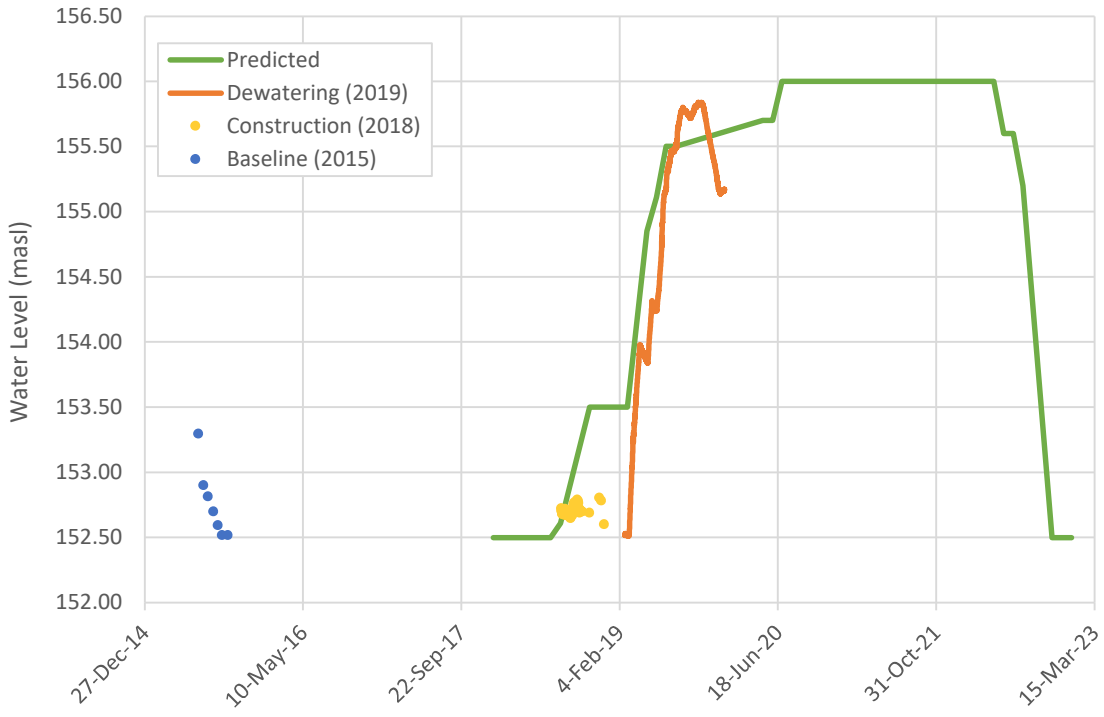

Figure 3. Measured and FEIS-predicted water levels in Whale Tail Lake South. Predicted water levels from FEIS Appendix 6-F.

The Northeast Dike was constructed from September 2018 to February 2019. Maximum predicted water levels in the Northeast flood zone are shown in Figure 4, along with measured peak flood levels in 2019, and final water levels (December, 2019). FEIS water management plans indicated that this flood water would increase to the maximum elevation of 156.6 masl, and then flow naturally through a tundra pond system to Nemo Lake.

The maximum predicted flood level in this area (156.6 masl) was reached on July 6, 2019 (Figure 4). At that point, it was observed that the topography toward Nemo Lake would not allow water to overflow naturally before overtopping the dike liner. As a result, water has been pumped out of that area since July 2019 (initially towards Whale Tail Lake North Basin and A-P5 Stormwater Management Pond, but then to Nemo Lake as non-contact water, beginning in August, 2019).

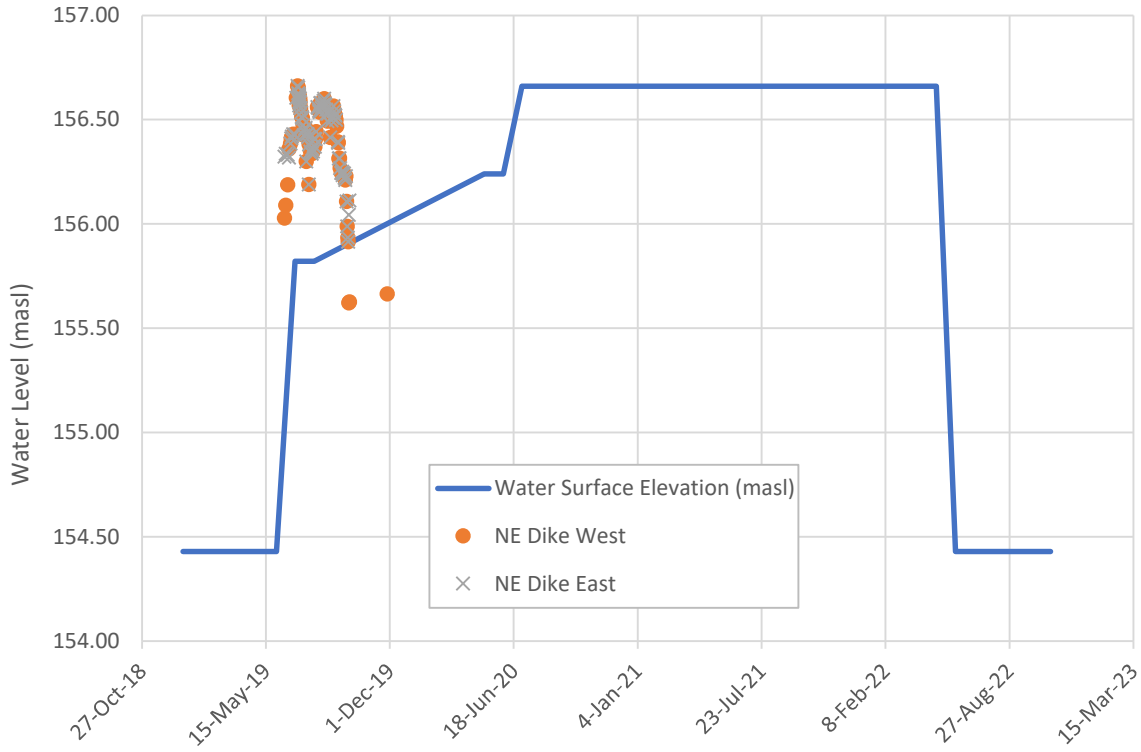

Figure 4. Measured and FEIS-predicted water levels in the Northeast Diversion flood zone. Predicted water levels from FEIS Appendix 6-F.

SECTION 3 • MITIGATION MEASURES

According to the Migratory Bird Protection Plan (July, 2018), the following mitigation measures were planned to be implemented to deter nesting of waterbirds in the Whale Tail Lake and Northeast water diversion areas during flooding:

- Deploying visual and audio bird deterrents,

- Regular sweeps by Agnico Eagle staff to discourage nesting through human activity, and to move the visual and audio deterrents;

- While Agnico may in the future consider the feasibility of using habitat modification or exclusion techniques within the flood zone in consultation with ECCC and academic institutions, these methods are not part of the primary mitigation plan.

In the 2018 nesting season, no flooding had yet occurred. Mitigation measures were implemented in consultation with academic partners at Trent University during the 2019 nesting season.

The crew from Trent University deployed audio and visual deterrents throughout selected plots within the Whale Tail South flood zone (Appendix A, Figure 3) between June 16 and 17, 2019. These were the earliest dates logistically feasible, based on weather conditions (primarily the need to wait for snowmelt). At this time, water levels were at 154.68 masl in Whale Tail South Basin, or approximately 2 m above baseline levels.

Deterrents consisted of 20 x 20 m flash tape grids, and audio deterrents. Flood-zone plots were surveyed every four days between June 16 and July 14, for a total of 148 hours of sweeps within the flood zone during the 2019 nesting season.

No deterrents were deployed within the Northeast flood zone, since water levels were already near their maximum predicted elevation (156.6 masl) at the beginning of the nesting season (156.3 masl on June 14, 2019).

SECTION 4 • RESARCH STUDY: EFFECTIVENESS OF THE MITIGATION

4.1 INTRODUCTION

In order to determine the effectiveness of mitigation methods aimed at reducing impacts of Whale Tail site flooding on waterbirds, Agnico is conducting a study in partnership with Environment and Climate Change Canada (ECCC) and Trent University. Through this project, Agnico is also contributing to advancing the scientific understanding of conservation methods for at-risk species.

The complete objectives of the research are to assess the degree of risk posed to migratory birds by mining-induced flooding during the nesting period, to determine the most effective bird deterrents, and to determine the manner in which these deterrents should be applied.

Specifically, the study investigates the:

i) breeding densities and timing of bird nest initiation at the Whale Tail study site,

ii) relationship between nesting phenology and the timing of snowmelt,

iii) degree to which deterrents can reduce nesting densities in specific areas,

iv) individual behavioural responses to deterrent applications and changes in response over time,

v) and the dispersal distance of deterred/impacted birds, to understand whether birds displaced from flooded areas nest nearby.

4.2 METHODS

4.2.1 2018 Field Studies

A complete summary of 2018 field studies prepared by the research team from Trent University was provided in the 2018 Migratory Bird Protection Report.

Briefly, the objectives of the 2018 field study were to collect preliminary data to assess the effectiveness of visual deterrents in changing bird behaviour during nesting. This portion of the study was carried out at test plots without flooding along the Whale Tail Haul Road (Objective 1). Researchers also collected baseline data on nest abundance in the water diversion flood zones (Objective 2).

Objective 1 – Effectiveness of Deterrents

The field team assessed 21 plots along the Whale Tail Haul Road between the Amaruq Camp and Kilometer 48 over a 6-week period, beginning June 4, 2018. Plots were chosen with the use of Ecological Land Classification maps and ground truthing. Plots are 200 x 300 meters (6 ha), covering a mix of low-lying wet sedge habitat types representative of the habitats that will be flooded around Whale Tail Lake. The purpose of the plots was to allow spatially-independent samples in which to test deterrents.

Deterrents were planned to be set up prior to bird arrival, to assess differences in nesting between sites, but delays in shipment meant they were not erected until late June. As a result, changes in behaviour of individual birds after set-up of deterrents was assessed. Due to delays in shipment of audio deterrents, their effectiveness could not be assessed in 2018.

Objective 2 – Whale Tail Flood Zone Impact Assessment

Research teams surveyed five general areas the eventual Whale Tail area flood zones over 8 days during peak incubation (June 24 – July 2, 2018). Within the North East Diversion flood zone, a total of 15 nests were found over two days of surveying and within the Whale Tail Diversion flood zone a total of 35 nests were found over 6 days of surveying (see figures in 2018 Migratory Bird Protection Report, Appendix A for locations).

Out of the 50 nests, 30 individual birds of 4 species were banded with individual markers so that they may be identified in the 2019 field season, to determine if they breed nearby once they are prevented from returning to their breeding territories by flooding.

4.2.2 2019 Field Studies

A complete summary of 2019 field studies prepared by the research team from Trent University is provided in Appendix A. Data evaluation continues in preliminary stages.

Objective 1 - Effectiveness of Deterrents

At the beginning of the 2019 study season (June 5 – 14), audio and visual deterrents were placed in the same experimental plots established in 2018 along the Whale Tail Haul Road (n = 15 plots). Experimental plots (300 m x 200 m) were divided into two types of treatment and control plots. Treatment 1 consisted of audio deterrents playing a mix of predatory and distress calls paired with a 20 x 20 m grid of Mylar® flash tape and a Jackite© hawk kite effigy. Treatment 2 consisted of audio deterrents with the use of Jackite© (a hawk kite effigy) only. Control plots had no deterrents present.

Nest and territory densities were compared between 2018 and 2019 using a before-after control-impact design.

Objective 2 - Whale Tail Flood Zone Impact Assessment

During the 2019 field season, sixteen (16) 6-ha plots within four study locations were assessed for migratory bird presence in relation to active flooding and presence of deterrents. Deterrents were placed in the treatment plots (n = 4) within the active flood zone between June 16 – 17, 2019, and nest surveys were conducted every four days until July 14.

Objective 3 – Behavioural Responses

In 2019, monitoring was also conducted to assess behavioural responses to deterrents for the four main study species (Lapland longspur, horned lakr, semipalmated sandpiper, and least sandpiper). Behavioural response metrics included territory mapping, nest fate/success, incubation duration, and distance of nesting relocation.

4.2.3 Planned 2020 Field Studies

Objective 2 - Whale Tail Flood Zone Impact Assessment

In 2020, the study will continue to determine the re-colonisation time of nest densities in the flooded area post-flooding. This will require the monitoring of the 16 plots within the flood zone surrounding Whale Tail Lake. The project is interested in visiting the 16 plots within the flood zone to determine nest densities post-flooding, and to understand how nesting birds react the elimination of previously suitable habitat. Another focus will be to determine how bird densities change between years as the water line moves, and how elevation factors into the selection of nest sites. This will be accomplished by visiting at least 8 of the plots, located on the Eastern shore of Whale Tail Lake and its tributaries (WT1 and WT2).

4.3 RESULTS

4.3.1 Objective 1 – Effectiveness of Deterrents

Complete results describing the effectiveness of the tested deterrents will be provided upon study completion. However, results to date demonstrate that deterrents were not effective at deterring birds from nesting. In addition, deployment and maintenance of the deterrents was extremely time consuming. As a result, the study authors do not recommend the use of the tested deterrents for mitigating nest loss due to disturbance such as flooding. Further discussion is provided in Appendix A.

4.3.2 Objective 2 - Whale Tail Flood Zone Impact Assessment

As described in the Migratory Bird Protection Plan (July, 2018), a total of 10 waterbird nests and 88 upland bird nests were predicted to be impacted by flooding (98 nests/1.76 km^2 = 56 nests/km^2). This prediction was made by extrapolating data from limited shoreline surveys conducted in 2015/2016.

Baseline surveys conducted by the University of Trent researchers in 2018 identified a total of 50 nests in the flood zones, consisting of 15 waterbird nests and 35 upland bird nests (28 nests/km^2). These results indicated that although the proportion of waterbird nests was higher than predicted, total impacts to nesting birds may be lower than predicted.

During the initial flood year (2019), significant flooding in both the Northeast and Whale Tail South flood zones occurred prior to the nesting season. For the Northeast flood zone, water levels had nearly reached their maximum flood elevation (156.3 masl of 156.6 masl) by June 14. For the Whale Tai South area, water levels were at +2 m (154.68 masl of 156 masl) by June 16. As a result, birds would not have tried to nest in the already flooded area and direct loss of active nests due to flooding would have

been less than predicted (e.g. in 2019, estimated direct losses were 4 nests/km^2). However, indirect impacts of flooding on the nesting success of displaced birds is unknown. Studies to be conducted by Trent University in 2020 will attempt to determine whether birds displaced by flooding are successfully nesting in new shoreline territories or adjacent areas.

4.3.3 Objective 3 – Behavioural Responses

Behavioural responses of nesting birds to deterrents and flooding have not yet been analyzed, and will be provided upon study completion.

APPENDIX A

2019 Trent University/ECCC Study Summary Report

Waterbird Mitigation Project, Agnico Eagle Mines Ltd

2019 Field Season and Research Report

Gillian Holmes

MSc. Student, Trent University

Trent University, Environment and Climate Change Canada, Agnico Eagle Mines Ltd.

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Introduction

Mining and other forms of resource development frequently result in disturbance to wildlife that is difficult to avoid. Technological options to mitigate these impacts are therefore of great interest to resource developers and conservationists alike. Mining is an important economic driver in the north by providing jobs for people living in northern communities (Cameron and Levitan 2014; Belayneh et al. 2018). In Nunavut alone, 18% of the gross domestic product in 2014 was associated with resource extraction (AMAP 2017). Mineral, oil and gas exploration is expected to increase throughout the Arctic landscape (A.T. Kearney Inc. 2015), leading to land use changes and disturbance of critical habitat for wildlife (Wilson et al. 2013). Resource extraction can have detrimental impacts on habitat quality through the modification of landscapes, increased pollutants, human traffic and infrastructure (Reijnen et al. 1997; Johnson et al. 2005; Hassan 2016). Studies from Hof et al. (2017) have demonstrated that arctic-nesting birds are especially vulnerable to climate change; with the increase of resource extraction in arctic landscapes leading to additional loss in nesting habitat, there is an even greater probability of future species loss (Gajera et al. 2013; Bernath-Plaisted and Koper 2016). Finding a balance between conservation and economic growth is crucial in vulnerable landscapes such as the Arctic, particularly when faced with climatic change (Wauchope 2016).

The following report will outline the objectives fulfilled during the 2019 field season, the next steps for data analysis and plans for the 2020 field season.

Project Overview

Agnico Eagle Mines Ltd. proposed, and has now built, the Whale Tail Project, approximately 130km North of Baker Lake, NU. The project included the construction of two dykes within the northern portion of Whale Tail Lake that diverted water from the Whale Tail mining pit into the surrounding lakes and tributaries. This resulted in flooding that elevated the water levels by 4 m above current levels over two year between 2019 and 2020, causing approximately 157 ha of flooded tundra during the time of birds' nest initiation. The Migratory Birds Convention Act (1994) prohibits the harm of migratory birds and the disturbance or destruction of nests and eggs. Therefore, the company is committed to avoiding or minimizing this harm and developing mitigation strategies.

As part of a collaboration between Trent University, Environment and Climate Change Canada and Agnico Eagle Mines Ltd., this project explored mitigation options for flooding during the construction phase of the Whale Tail Pit. Mitigation options sought to deter birds from nesting in high risk areas, so that the impacts from mining-induced flooding or other localized disturbances could be minimized.

Through experimentation with the use of deterrents, the objectives of the research were to (1) determine the most effective bird deterrents and the method in which these deterrents should be applied, (2) assess the degree of risk posed to nesting migratory birds by mining-induced flooding and estimate the number of nests and the species composition lost due to the flooding and (3) examine the behavioural response of flooding by birds to determine whether birds re-nested or moved after the flooding events.

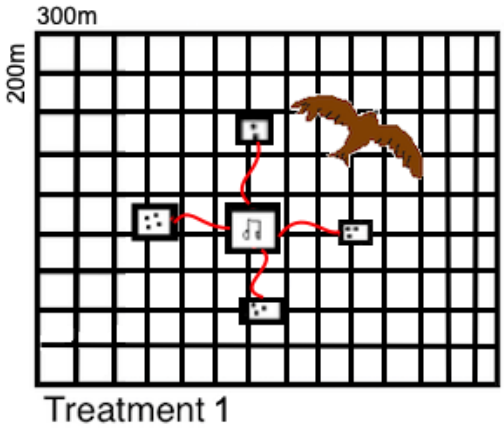
Year Two - 2019 Overview

The 2019 field season began on May 23rd with the arrival of Gill Holmes (MSc. Candidate) and technician, Sophie Roy. Late May tasks included the assemblage the audio deterrents and troubleshooting any problems that may arise in the field, testing visual deterrents in the field and gathering equipment used for deterrents and nest monitoring. Three more technicians arrived on the 1st of June and 3rd of June, Amy Wilson, Joanne Hamilton and Sarah Bonnett.

Figure 1: Examples of the shoreline flooding due to the diversion into the southern basin of Whale Tail Lake. Top: A view ground view of the flooding at WT3 site, Amaruq Camp in the background. Bottom: An above view of the flooding at WT3 site.

When the crew arrived on site, flooding had already occurred. Although Whale Tail Lake was frozen, there was a change in the riparian zone due to the late winter flooding of Whale Tail Lake southern basin. Snow melt occurred between the first week of June, with an unexpected snowstorm on the 9th of June, blanketing the landscape with an estimated 8 cm of snow. Whale Tail Lake began to thaw between early June to mid-June, showing more

obvious signs of water level changes on the land (Figure 1). Deterrent deployment was delayed due to late arrival of gear and the heavy snow fall. All deterrents were deployed between 6th and 17th of June. The field season ended on 19th of July with the entire Waterbird Mitigation Project crew, departing Meadowbank. The field season was a total of 57 days.



Methods

Objective 1. Efficacy of Deterrents

Deterrents were placed in experimental plots (300 m x 200 m, 6 ha) established during 2018 (n = 15). These plots were placed within 1 km of the Amaruq road between the 5th of June and 14th of June (Appendix 1). Experimental plots were divided into five sets of plots, with each set containing two treatment plots (Treatment 1 and 2) and one set of control plots. Treatment 1 consisted of audio deterrents playing a mix of predatory and distress calls paired with a Jackite© predator effigy placed in the centre of the plot, and Flash Tape covering the entire plot, with tape deployed every 20 m in both directions (Figure 1). Treatment 1 was chosen to potentially be the most effective at deterring breeding birds but was also the most labour-intensive. Treatment 2 consisted of audio deterrents and an effigy only and was selected as a less labour-intensive option (Figure 2). Control plots contained no deterrents.

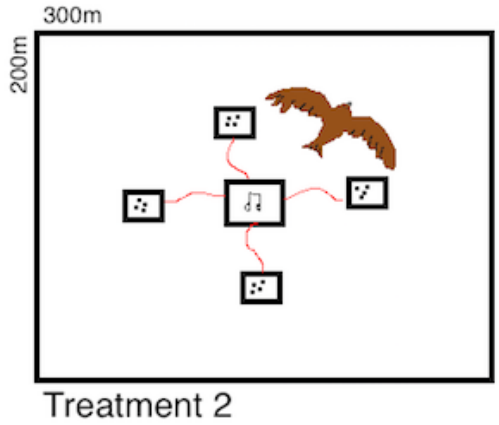


Figure 2: Illustrations of the two types of Treatment: Treatment 1 (top): audio deterrents, Jackite© predator effigy and 20 x 20 m grid of Flash Tape, and Treatment 2 (bottom): audio deterrents and Jackite© predator effigy. Used during the 2019 field season.

As we did not set up deterrents in the plots in 2018 but we did obtain estimates of both territory and nest densities, we were able to use a before-after control-impact (BACI) statistical design. We compared nest and territory densities in control and treatment plots between years, using a general linear model, with Year and Treatment as factors, and testing for the interaction between these two factors. In this design, if there is a statistically significant interaction effect between the treatments and years, then the change in densities between 2018 (pre-treatment) and 2019 (post-treatment) should be greater in

treatment plots than in controls. Because we analysed the same sites in both years, we also added a term to the model that represents random variation among sites (linear mixed-effects model, lmer in RStudio). We expected that both territory and nest densities would decline in the presence of the deterrent treatments, while there would be no change in either territory or nest densities between years in control plots. We also included hours spent nest searching and monitoring in the plots as an offset in the model to account for time spent in the plots. We spent substantially more time in plots assigned Treatment 1 than in other plots, while conducting maintenance of the deterrents. We conducted analyses on all birds, and the following subsets: terrestrial birds including Lapland Longspur (*Calcarius lapponicus*), Horned Lark (*Eremophila alpestris*), Savannah Sparrow (*Passerculus sandwichensis*), shorebirds including Semipalmated Sandpiper (*Calidris pusilla*), Least Sandpiper (*Calidris minutilla*), American Golden Plover (*Pluvialis dominica)*, and the two most common species, Lapland Longspur and Semipalmated Sandpiper.

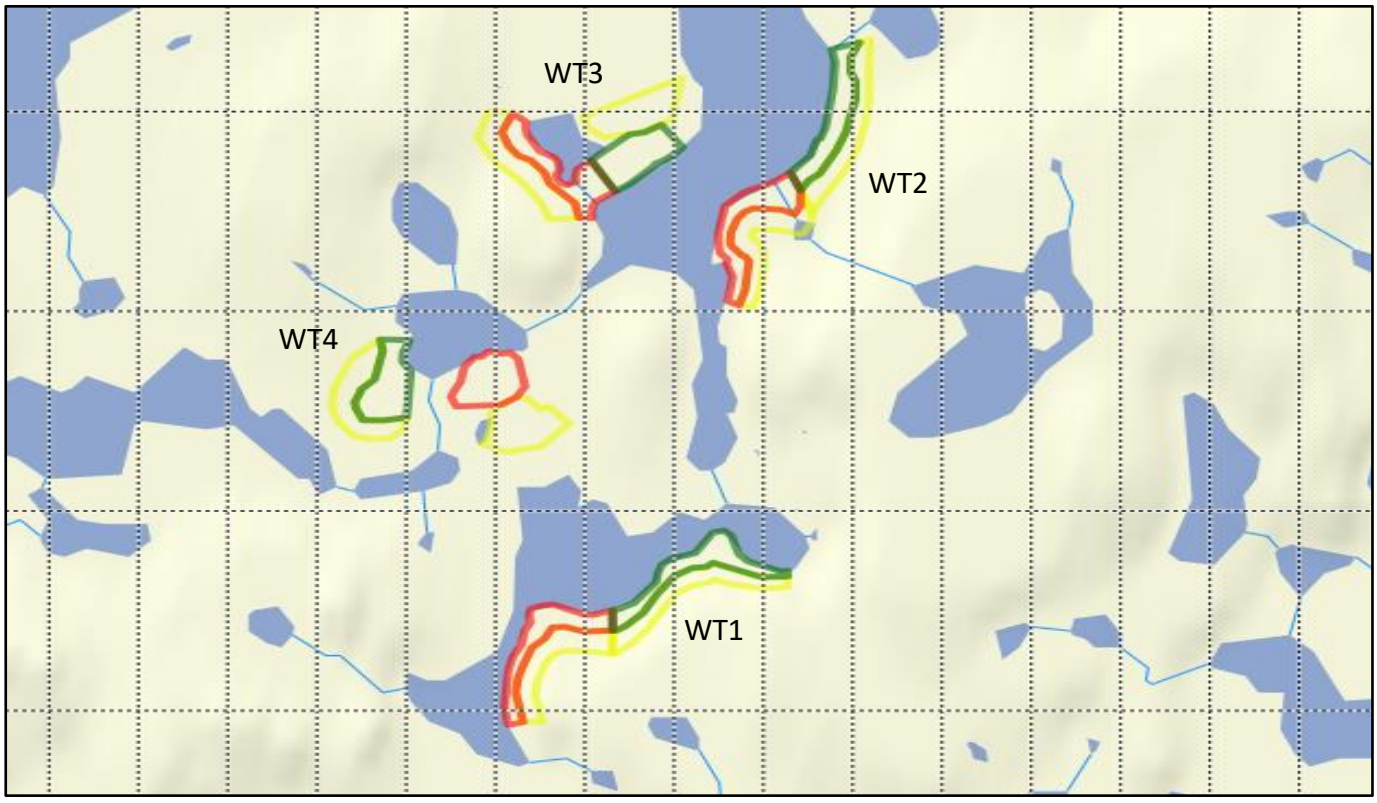


Figure 3: Map of the four main study sites (WT1, WT2, WT3, WT4) around Whale Tail Lake and its connecting lakes and tributaries. The Flood plots (red) and Treatment plots (green) are within the proposed flood zone, and the Control (yellow) plots are adjacent to the proposed flood zone.

Objective 2. Flood Zone Impact Assessment

During the 2018 field season, diversion sites were surveyed for nests between 24th and 25th of June and 29th June – 2nd of July for a total of 40 search hours. These surveys were conducted to obtain an estimate of the densities of birds that would be exposed to the flooding event. The dates were limited due to limited access to the sites. After the initial 25th of June survey of birds, and habitat composition across all of the Whale Tail Diversion site, we divided the Whale Tail diversion site into four main flood zone areas (WT1, WT2, WT3, and WT4). These areas were selected based on habitat quality (predominately sedge meadow), and low elevation, so most likely to support breeding birds that would be impacted by the flooding.

The 2018 survey consisted of walking a transect with four surveyors spread out every 10 m parallel to the edge of the lake and to the proposed high flood line (within the proposed flood zone), as described in Appendix 6-F - Flooding During Phases report by Golder Associates and AEM. Surveyors walked together, while watching the ground, to observe flushing birds or other breeding activity. When a bird was observed, all surveyors stopped, and one or more surveyors attempted to find the nest by waiting for the bird to return to its nest, or by searching the area where the bird was initially observed. A Garmin© GPS was used to mark each nest found, and observations and notes were written in a field notebook. Nest densities around Whale Tail Lake were estimated based on nests found during the 2018 surveys, with an estimated 3.4 territories per hectare, within the proposed flood zone of 157 ha.

During the 2019 field season, the four main flood zone areas were divided into 4 separate 6 ha plots, two within the flood zone and two outside the flood zone to be used as control plots (Figure 3). The two flood zone areas were further divided into treatment and flood zone. Treatments included the flash tape grid and audio deterrents similar to Treatment 1, but without a Jackite© predator effigy. Plots outside the flood zone were considered control plots with no deterrents or flooding occurring. Deterrents were placed in the treatment plots (n = 4) between the 16th of June and 17th of June. Plots were surveyed every four days, between the 16th of June and 14th of July for a total of 148 search hours within the proposed flood zone.

Objective 3. Bird Behavioural Reponses

Nest and Territory Monitoring

Monitoring of nesting birds occurred throughout the 2019 breeding season between the June 6th of - 14th of July, within the experimental plots and the flood zone sites. For the study, there were four main study species; Lapland Longspur (*Calcarius lapponicus*), Horned Lark (*Eremophila alpestris*), Semipalmated Sandpiper (*Calidris pusilla*) and Least Sandpiper (*Calidris minutilla*) (Figure 4). These species are the most abundant at the study sites and the easiest species for both locating and monitoring nests.

Figure 4: Four main study species, left to right; Lapland Longspur, Horned Lark, Semipalmated sandpiper, Least sandpiper.

Territorial mapping occurred primarily at the beginning of the breeding season once male birds arrived and began to sing and display. Mapping was done by observing the locations of displaying males and marking the location with a waypoint using a Garmin© GPS, for a minimum of 10 points per visit to the territory. The locations of each singing male were given a waypoint.

Nest searching occurred by systematically walking plots and observing behavioural cues of breeding adults (e.g. flushing, mate courtship, alarm calls). Upon discovery of a nest, it was marked with a tongue depressor 5m from the nest in a random direction, labeled with a nest name, along with the distance and bearing to the nest from the marker. Within a notebook, the observer recorded the exact coordinates of the nest using the "average waypoint" function within the GPS unit, the species, number of eggs present, and date found. Each plot, and nests within plots were visited on a 4-day schedule until fates were determined. Methods to assess nest fate depended on the life history of each target species. Nests occupied by species with precocial young (i.e., *Calidris sp*.) with at least one hatched egg were considered successful, whereas nests occupied by species with altricial young (i.e., Passerines) with at least one fledged young were determined successful. Signs of predation (loss of a whole clutch, nest disturbance, large eggshell fragments or yolk) or abandonment (no sign of adults or cold eggs) (Mabee 1997) indicated failed nesting attempts.

Twenty Lapland Longspur nests received a temperature logger after the clutch was completed (i.e., 5 eggs), with 10 loggers placed within nests located in Treatment plots and 10 loggers placed within nests located in Control Plots. Temperature loggers were used in this study to monitor incubating females to detect any changes in incubation duration between Treatment and Control nests that might be attributed to the presence of the deterrents.

Marking and Re-sighting

Birds of the four focal study species found within the flood zone areas (both Treatment and Control plots) were captured with the use of a bow net at the nest, and banded with individual colour markers. For nests found in the Treatment areas, banding was be done to determine whether the disturbance of the treatments caused birds to re-nest in adjacent sites. Additionally, we banded birds in 2018 from the tundra area that was flooded in 2019, and we used these data to determine whether birds dispersed to adjacent non-flooded sites, potentially increasing the densities of birds in these adjacent sites. We also plan to return to the study site in 2020 solely to re-sight previously banded individuals. Re-sighting of previously banded birds from 2018 and birds caught on the nest as they were found in 2019 occurred throughout the breeding season as nests were found and disturbed due to flooding, deterrents or predators. Resighting occurred during every visit (every four days).

We captured adults once a nest was in the incubation stage (i.e., the number of eggs in the nest does not increase each day). We attempted to capture both members of the pair for species where both adult birds incubate (i.e., *Calidris sp*.). For species where only one adult incubates (i.e., Passerines), we captured the incubating bird, although in a few cases both adults were captured. When a bird was captured, we measured the head-bill length, tarsus length, and wing length to the nearest mm and weight to the nearest dg. Birds were banded with a standard Canadian Wildlife Service issued stainless-steel metal band that has a unique 10-digit serial number. Semipalmated Sandpipers were banded with a metal band, a white flag with a 3-letter alpha code, and a single plastic coloured band. Least Sandpiper were banded with a metal band, a white flag and 2 colour bands. Lapland Longspurs and Horned Larks were given a unique colour band combination comprised of 1 metal band and 3 plastic colour bands. Band combinations are read from left to right as per standard protocol and were recorded when re-sighting a previously banded bird.

Results

Objective 1. Efficacy of Deterrents

Our results suggested that deterrents did not significantly impact nest densities of all species, nor the subsets of terrestrial or shorebird species (Figure 5) as there were no significant interaction terms for any of these three analyses (P's > 0.05). Similarly, there was no significant impact of the deterrents on either of Semipalmated Sandpiper or Lapland Longspur nest densities (Figure 6). In most cases, plots exposed to Treatment 1 had double the nest density of that of control and Treatment 2 in 2019, the year of deterrent deployment, a result that was opposite to our expectation. These results demonstrate that deterrents were likely not effective at deterring birds from nesting in possible at-risk areas.

Cost and Maintenance of Deterrents

Deterrent deployment occurred over multiple days, with up to 200 person hours to deploy, not including the extra 120 hours to assemble and trouble shoot before deployment. In most cases, a crew of 6 – 8 people spent 4 hours deploying the flash tape grid, within a single Treatment 1 6-ha plot. Deterrent maintenance was done every 4 days, with the time spent in the plot ranging from 20 mins to 4 hours, depending on damage and needs. Examples of maintenance were ensuring that the hawk kite effigy poles were erect and that the kite was still intact, ensuring the fishing line holding together the flash tape grid was taut, ensuring flash tape was not tangled around hummocks or brush. In some cases, deterrents were completely destroyed, taking hours to fix or so damaged that we could not fix them. An

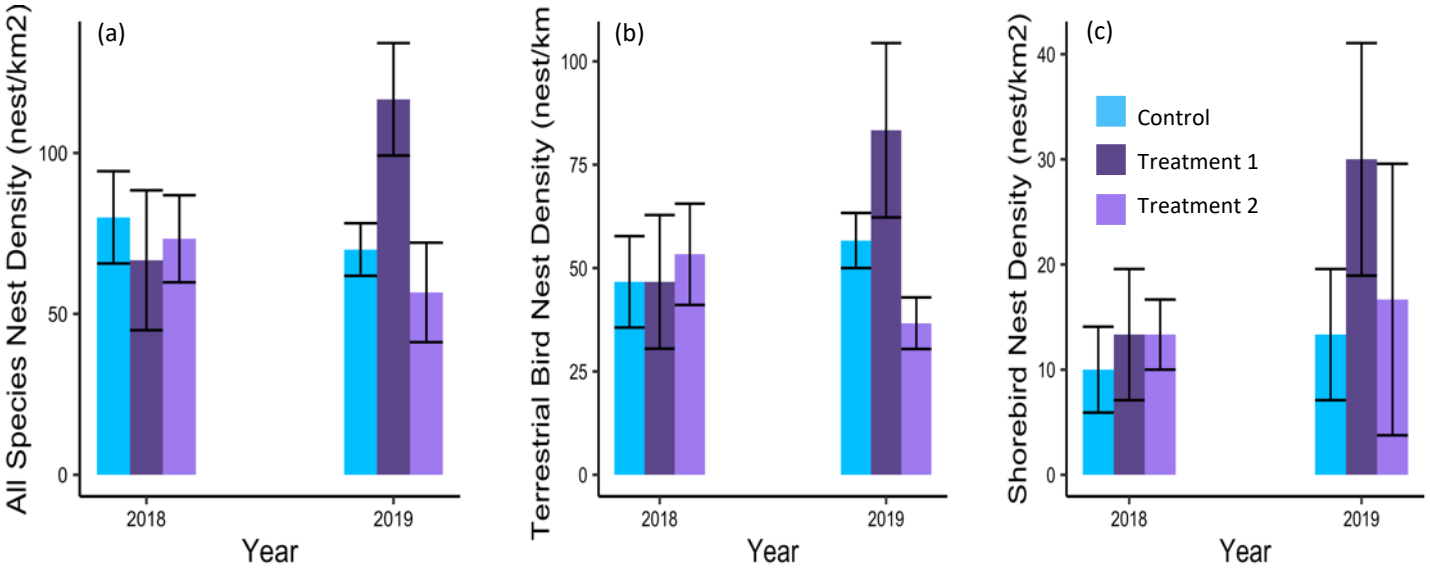


Figure 5: Nest densities (nests/km² ± SE) before (2018) and after (2019) deterrent deployment of two deterrents treatments, for all species present at the study site (a), only terrestrial bird species (b), only shorebird species (c) only.

example of this is where the Flash tape grid was dismantled due to disturbance by caribou or muskoxen, causing the entire grid to collapse and requiring maintenance and re-deployment. This re-deployment took hours and also demonstrated a possible risk to large arctic mammals who may have become entangled in the flash tape.

Financial costs for audio and visual deterrents and accessories included each Bird-X Super Bird X-peller Pro audio unit of $509.99 CAD, with 14 purchased in 2019, for a total of $7,139.06 CAD. This cost included audio chips for each audio unit ($60.00 CAD each). To keep the batteries charged so the audio deterrents would run for up to 6 weeks, we purchased 14 solar panels, $89.99 CAD each, for a total of $1259.86 CAD. The 12V car batteries used to run the audio deterrents and hold the solar panel charge, were donated by Environment and Climate Change Canada. Visual deterrent costs came to a total of $5,131.25 CAD, with Hawk Kite Effigies costing $524.75 CAD for 12 Hawk Kites, with Fiber glass poles (10) totaling $517.50 CAD and replacement strings (7) $42.00 CAD. Flash tape rolls were $5.40 CAD per roll, accounting to $1,917.00 CAD for 355 roles. Fishing line was used to string the flash tape grid together, costing $850.00 for 34 rolls of 100lb Hercules PE Braided Fishing Line 4 Strands. Lastly, the Aluminum Angle used to erect the flash tape grid, with 640 pieces of 1 m long angles, cost $1,280.00 CAD. The complete cost of deterrents for this project was $13,529.17 CAD.

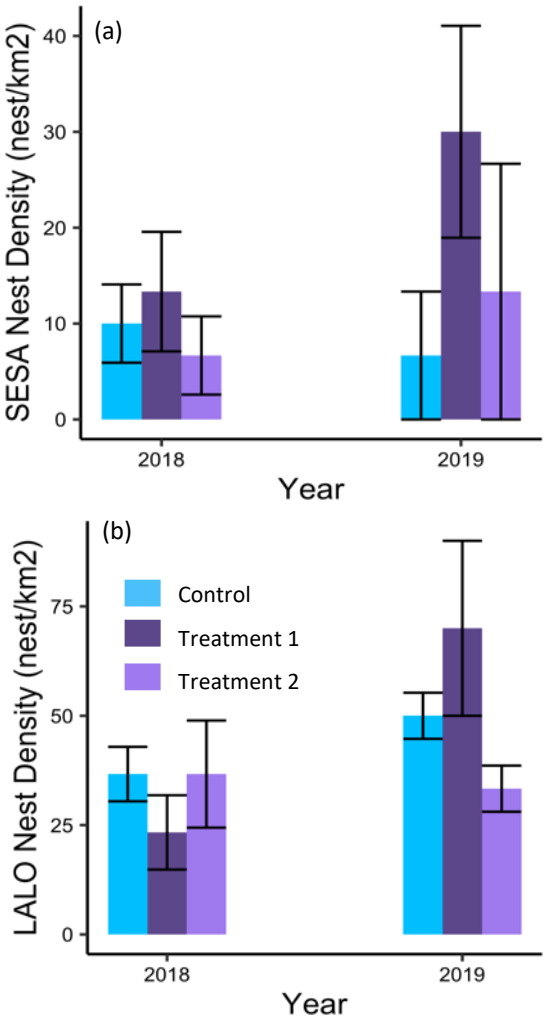


Figure 6: Nest densities (nests/km² ± SE) before (2018) and after (2019) deterrent deployment of two deterrents treatments for Lapland Longspur (a) or Semipalmated Sandpiper (b) only.

Objective 2. Flood Zone Impact Assessment

During the 2018 Whale Tail Study survey we estimated 31 bird territories per km^2, with an average initiation date of the 16th June. Given these dates, we concluded that the proposed flooding timeline outline in Terrestrial Ecosystem Management Plan - Version 4, by Golder Associates, would flood nests along the shore of

Whale Tail Lake. When we arrived at the Whale Tail Flood zone in 2019, we estimated a shoreline loss of 40 m, which occurred when Agnico Eagle Mines Ltd. flooded in late winter. Because of this loss, about half of the proposed flood area plots where under water. Despite this, birds continued to nest within the flood area with an average territory density of 21.9 territories per km^2, while control plots surrounding the proposed flood zone within the Whale Tail Study area had an average territory density of 15.6 territories per km^2. The densities surrounding Whale Tail Lake decreased by 10.9 territories per km^2 between 2018 (pre-flooding) and 2019 (post-flooding).

During the flooding, we documented 6 nests of 3 species that were lost due to direct impacts of the high water (Figure 7). We estimate an average loss of 3.8 nests per km^2 by taking the number of nests observed to be lost and dividing it by the total proposed flood zone of Whale Tail Lake (1.575 km^2). The species that lost nests were Lapland Longspur (4), Semipalmated Sandpiper (1) and Herring Gull (1). Despite nest loss due to flooding and a significant amount of habitat loss, nests in the proposed flood zone had an estimated success rate of 56%.

Objective 3. Bird Behavioural Responses

Birds nesting within the flood zone were captured and banded with unique band combinations. A total of 15 female Lapland Longspur were banded, while 8 Semipalmated Sandpipers were banded within the flood zone. Out of these 23 individuals, a single Lapland Longspur female re-nested after nest loss due to flooding, nesting approximately 125 m from the original nest and between 50 to 100 m away from the proposed flood zone. The original nest was estimated to be lost during the nestling stage due to flooding between July 1st - 3rd and we estimated that the bird initiated a new nest on the July 3rd.

Figure 7: A Lapland Longspur nest with four eggs that was found within the Whale Tail Lake flood zone. It was found active, but later in the season became flooded.

Discussion

Based on the results of the deterrent experiment, we conclude that our deterrents were not able to prevent birds from nesting.

Therefore, we do not recommend their use in future mitigations for nest loss of arctic-nesting birds. We are confident that the deterrents we used failed to deter birds from nesting in at risk areas, resulting in the loss of nests due to mining-induced flooding. There may be several possible reasons why the deterrents did not work, such as a bird's life history and the timing of deployment, and the risk that may be posed to other wildlife who occupy the same landscape.

Figure 8: An extremely concealed Lapland Longspur nest with a piece of flash tape draped over it.

Our sample is dominated by small, short-lived species such as Lapland Longspur. These species may be especially reluctant to abandon or forgo a breeding attempt in the presence of novel objects such as our deterrents, as they have fewer breeding opportunities compared to long-lived species. Previous studies have demonstrated the ability to deter birds from nesting with the use of a flash tape grid and other visual deterrents, such as done by Marcus et al. (2007) where these authors were successful in deterring Piping Plover and Least Tern from nesting within gravel pits. In the case of our study, Lapland Longspur showed no signs of obvious distress or disturbance during deterrent use. There were multiple occasions where a nest was found within 5 m of an audio deterrent speaker or directly under a piece of flash tape (Figure 8).

Treatments were applied during the early nest initiation period with an average nest initiation date of 13th of June, with the earliest initiation date estimated as the 3rd of June and as late as the 25th of June in 2019. Arctic-breeding birds nest very synchronously, due to their contracted breeding season. Delaying initiation or abandonment to establish a new territory could compromise reproductive success (Smith et al. 2010). Deploying deterrents before territories are established may be more effective but is logistically challenging. The challenges of deploying deterrents in a timely manner refers to the ability to erect deterrents during the late winter and early spring, when the ground is still frozen and there is still snow present on the landscape. These conditions made it difficult to travel with equipment on foot and the frozen ground made it difficult to hammer the aluminum angle in the ground, as well as making it difficult to ensure that the audio deterrent speakers stayed upright.

During the experiment there were a few instances where deterrents were damaged or destroyed due to mammals. In some plots where we found Arctic ground squirrels (*Spermophilus parryii*) or Arctic hare (*Lepus arcticus*) we anticipated that there might be some damage to the wires associated with the audio deterrent units. Damage by Arctic ground squirrels occurred on one occasion when a speaker cord was chewed, but we noticed and replaced the cord quickly. A more concerning issue arose as there was some noticeable impact on large ungulate species such as caribou and muskoxen. There were multiple occasions where visual deterrents were destroyed by caribou or muskoxen walking through the treatment plots, causing aluminum poles to be ripped out of ground and carried away. There was a case where fishing line was found to have blood on it, possibly from a caribou who may have gotten the fishing line caught around their mouth. This is a major concern, as we did not want to cause harm to wildlife.

The outcome of the project exhibited that arctic-nesting birds are not easily discouraged from nesting, especially in the case of visual and audio deterrent use. Based on the outcomes of the research, the amount labour and cost of deterrents, we would not recommend these methods for mitigating nest loss in the future.

Next Steps

Objective 2: Flood Zone Impact Assessment

In 2020, the study will continue to determine whether re-colonisation occurs in the flooded areas around Whale Tail Lake, as the flood waters recede. This will require the monitoring of the 16 plots within the flood zone surrounding Whale Tail Lake. We hope to understand how nesting birds react to the elimination of previously suitable habitat. How do bird densities change between years as the water line moves, and what role does elevation in the selection of nest sites? These objectives will be accomplished by visiting at least 8 out of 16 the plots within the proposed flood zone. We will select the plots located on the eastern shore of Whale Tail Lake and its tributaries (WT1 and WT2), as time and accessibility will limit the ability to visit the western shore of Whale Tail Lake.

Objective 3. Bird Behavioural Responses

During the 2019 field season, 20 temperature probes were deployed on 20 nests within the experimental

treatment (n = 10) and control (n = 10) plots. While these data have not yet been analysed, results may provide whether there were subtle negative reactions by nesting birds to the presence of the deterrents.

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APPENDIX I

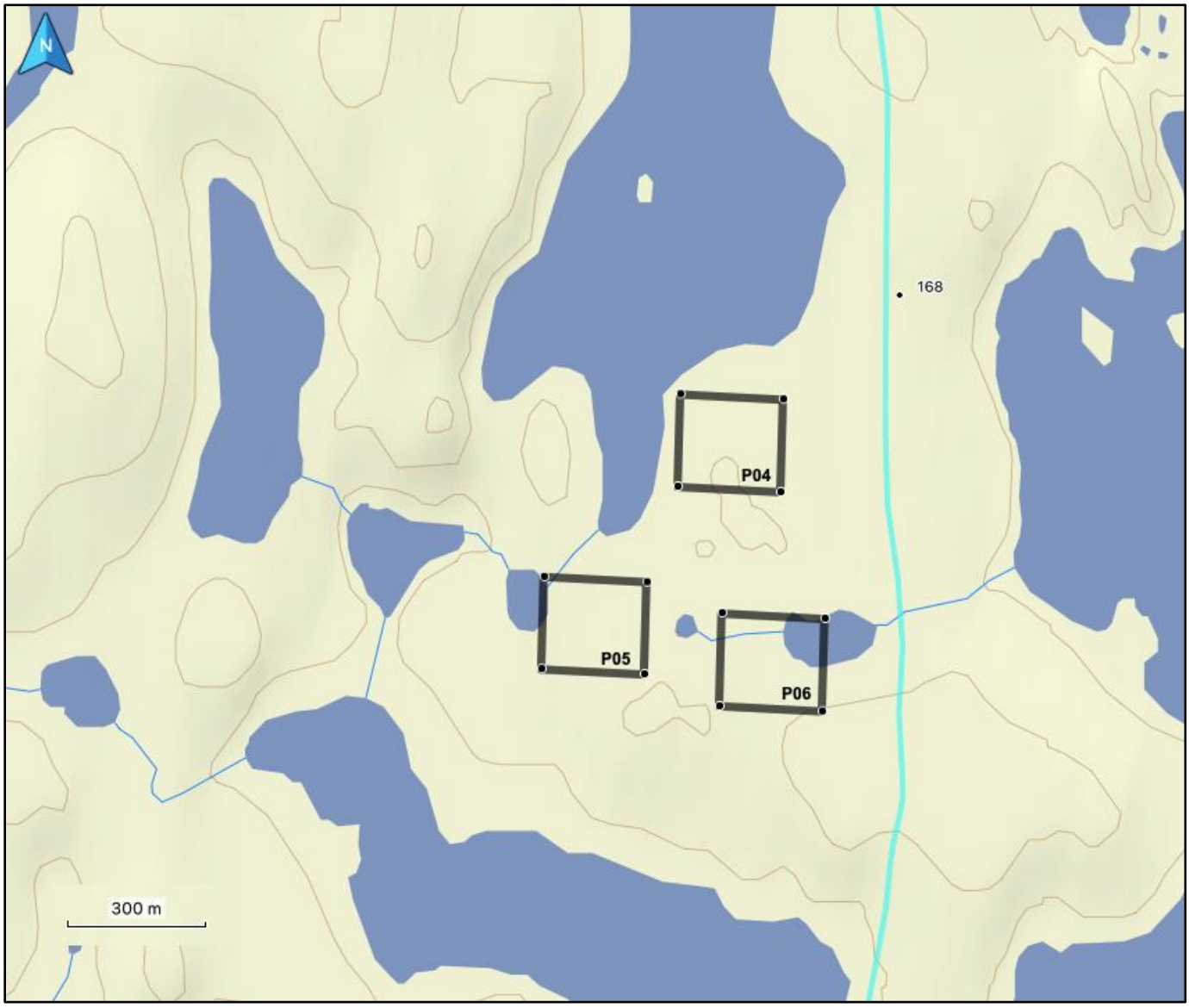

Figure 9: a map of Plot 4 (Treatment 2), 5 (Control) and 6 (Treatment 1), located on the west side of Kilometer 174 on Amaruq Road (light blue line)

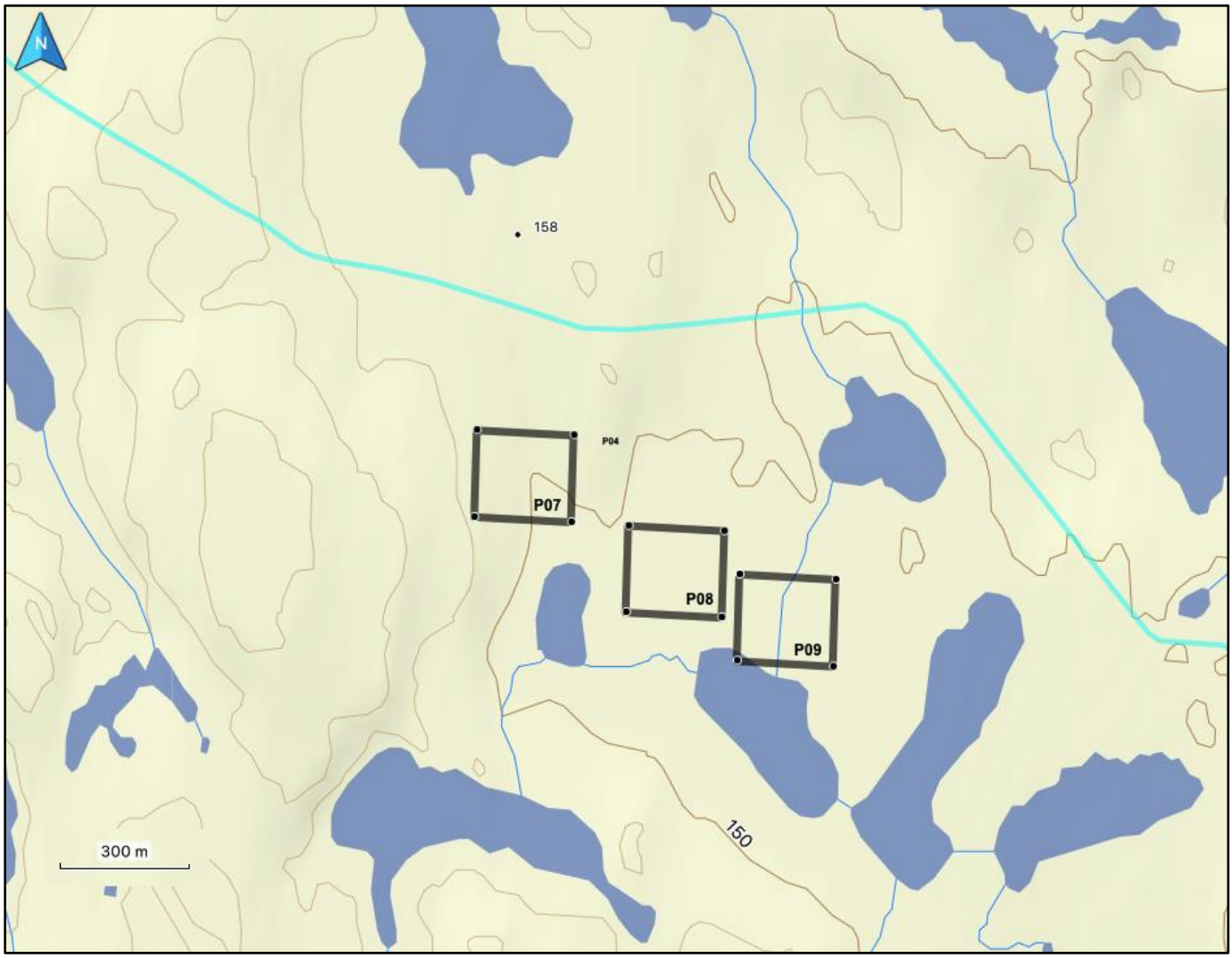

Figure 10: a map of Plot 7 (Control), 8 (Treatment 2), and 9 (Treatment 1), located on the south side of Kilometer 164 on Amaruq Road (light blue line)

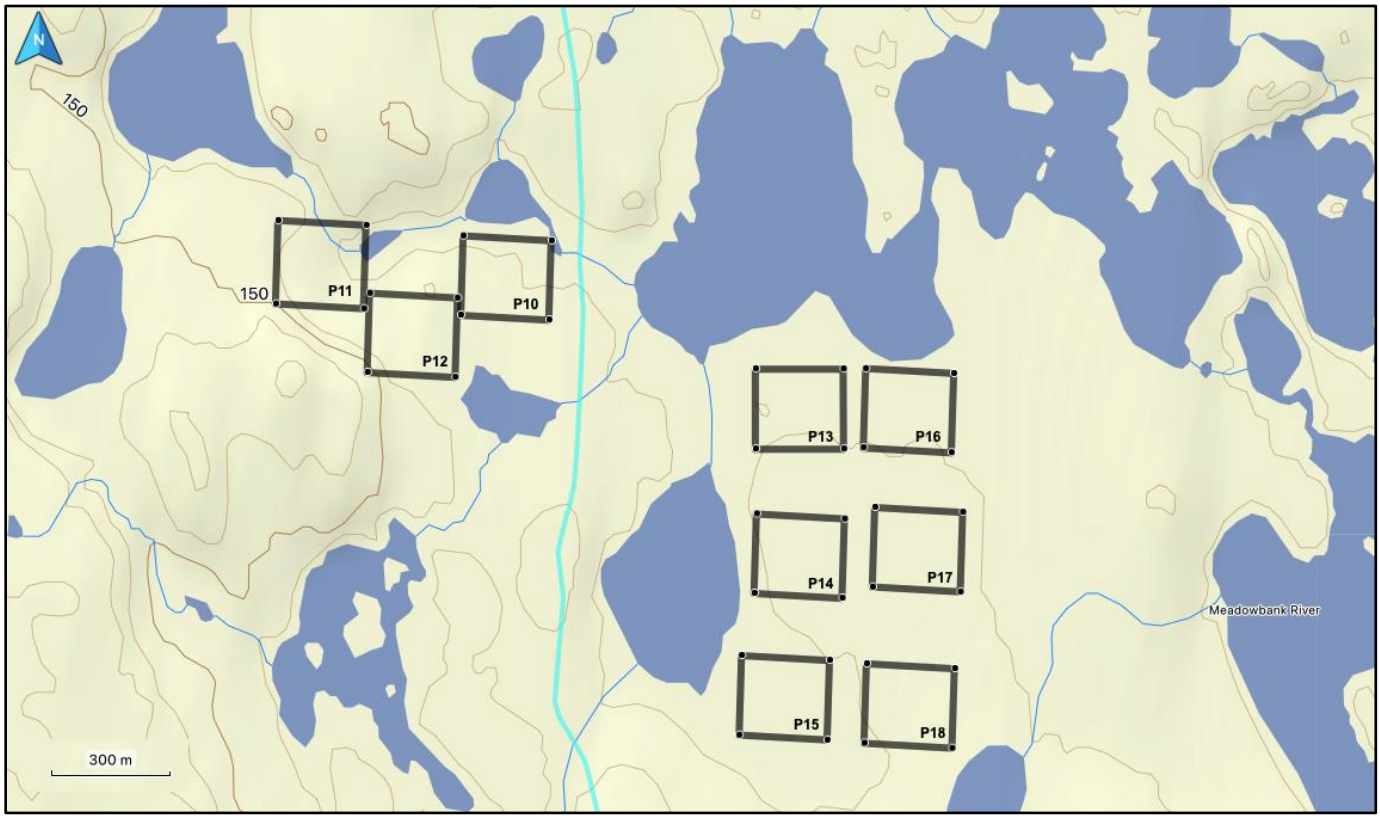

Figure 11: Figure 6: a map of Plot 10-12 located on the west side, and Plot 13-18 on the east side at Kilometer 160 on Amaruq Road (Light Blue Line). Plot 10, 13 and 16 (Treatment 1), Plot 12, 14, and 17 (Treatment 2), and Plot 11, 15, and 18 (Control).

APPENDIX II

Table 1: Nest density estimates (nest/km2) of all nests found within the three treatment plots between 2018 and 2019.

	2018	2019
Control	80.0	70.0
Treatment 1	66.6	116.6
Treatment 2	73.3	56.6

Table 2: Nest density estimates (nest/km2) of terrestrial birds (LALO, HOLA, SAVS) found within the three treatment plots between 2018 and 2019.

	2018	2019
Control	46.6	56.6
Treatment 1	46.6	83.3
Treatment 2	53.3	36.6

Table 3: Nest density estimates (nest/km2) of shorebirds (SESA, LESA, AMGP) found within the three treatment plots between 2018 and 2019.

	2018	2019
Control	10.0	13.3
Treatment 1	13.3	30.0
Treatment 2	13.3	16.6

Table 4: Nest density estimates (nest/km2) of Lapland Longspur nests found within the three treatment plots between 2018 and 2019.

	2018	2019
Control	36.6	50.0
Treatment 1	23.3	70.0
Treatment 2	36.6	33.3

Table 5: Nest density estimates (nest/km2) of Semipalmated Sandpiper found within the three treatment plots between 2018 and 2019.

	2018	2019
Control	10.0	6.6
Treatment 1	13.3	30.0
Treatment 2	6.6	13.3

APPENDIX N

2019 Meadowbank Non-Native Plant Monitoring Study

TECHNICAL MEMORANDUM

DATE 10 March 2020 **Project No.** 19124290-468-TM-Rev0

TO Robin Allard
Agnico Eagle Mines Limited

CC Carolina Leseigneur Torres, Corey De La Mare, Valerie Coenen, Jen Range

FROM Chris Shapka, Danielle Mai **EMAIL cleseigneurtorres@golder.com, jrange@golder.com**

2019 MEADOWBANK NON-NATIVE PLANT MONITORING STUDY

1.0 BACKGROUND

The goal of the 2019 non-native plants surveys is to assess/monitor for the potential introduction of non-native plant species, including weeds or invasive species. Surveys were completed per the monitoring approach outlined in the Terrestrial Environment and Monitoring Plan (TEMP) for the Meadowbank Complex. The Government of Nunavut (GN) and Environment and Climate Change Canada (ECCC) define a non-native species as 'an organism that is not normally found in a region (CESCC 2010). Any introductions of non-native plant species must be promptly reported to the GN Department of Environment.

Non-native plant surveys targeted areas with a high potential of occurrence for the Meadowbank Complex (i.e., areas of disturbance where colonization by non-native species is most likely). The non-native plant information collected provides an understanding of the presence or spread of non-native plant species and inform on the efficacy of current cleaning and protection measures on site per the TEMP. The results may serve as a basis for the development of a non-native plant management plan, if needed, over time. For the 2019 survey period, no non-native plants were recorded for the Meadowbank Complex.

2.0 METHODS

Surveys at the Meadowbank Complex were conducted by a Golder Ecologist between 9-16 August 2019. The Meadowbank Complex area includes the All Weather Access Road (AWAR), the Whale Tail Haul Road (haul road) and Whale Tail (Amaruq deposit), and Meadowbank Mine footprint areas.

The Canadian Endangered Species Conservation Council (CESCC) identified 17 species not normally found in Nunavut with a potential for becoming established, 14 of which are vascular (non-native) plants to the region (CESCC 2010; Table 1). This survey focused on the 14 non-native vascular plant species and excluded the two bird species and one butterfly species considered non-native species in Nunavut (CESCC 2010). Species were documented as they were encountered. Non-native plant surveys consisted of targeted surveys focused within high-priority or potential areas. The high-potential areas were identified as the Project area perimeter, along existing roads/trails or areas of disturbance within the Project area, as well as adjacent to the Haul Road (Amaruq).

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Given the length of the haul road, the road will be travelled via vehicle at slow speeds, while observers look for obvious signs of weed infestations along road margins. Periodic stops should be undertaken to complete meanders in areas with high potential (pull-outs, work areas etc.). Use a GPS to collect a trackfile of the meander route, and when non-native/invasive species are encountered, the following information will be recorded: ϒsite ID; ϒsurveyor name; ϒGPS coordinates; ϒphotos of the occurrence / infestation; ϒspecies name; ϒestimated area of infestation (e.g., 10 m x10 m); ϒestimated number of plants (e.g., <10, 10 to 100, 100 to 1,000, >1,000) of each species; ϒestimated cover of bare ground; ϒgrowth stage (i.e., seedling, in bud, seed set, expired) of each species; ϒrecommended action for each species; and ϒrecord of any hand pulling completed.

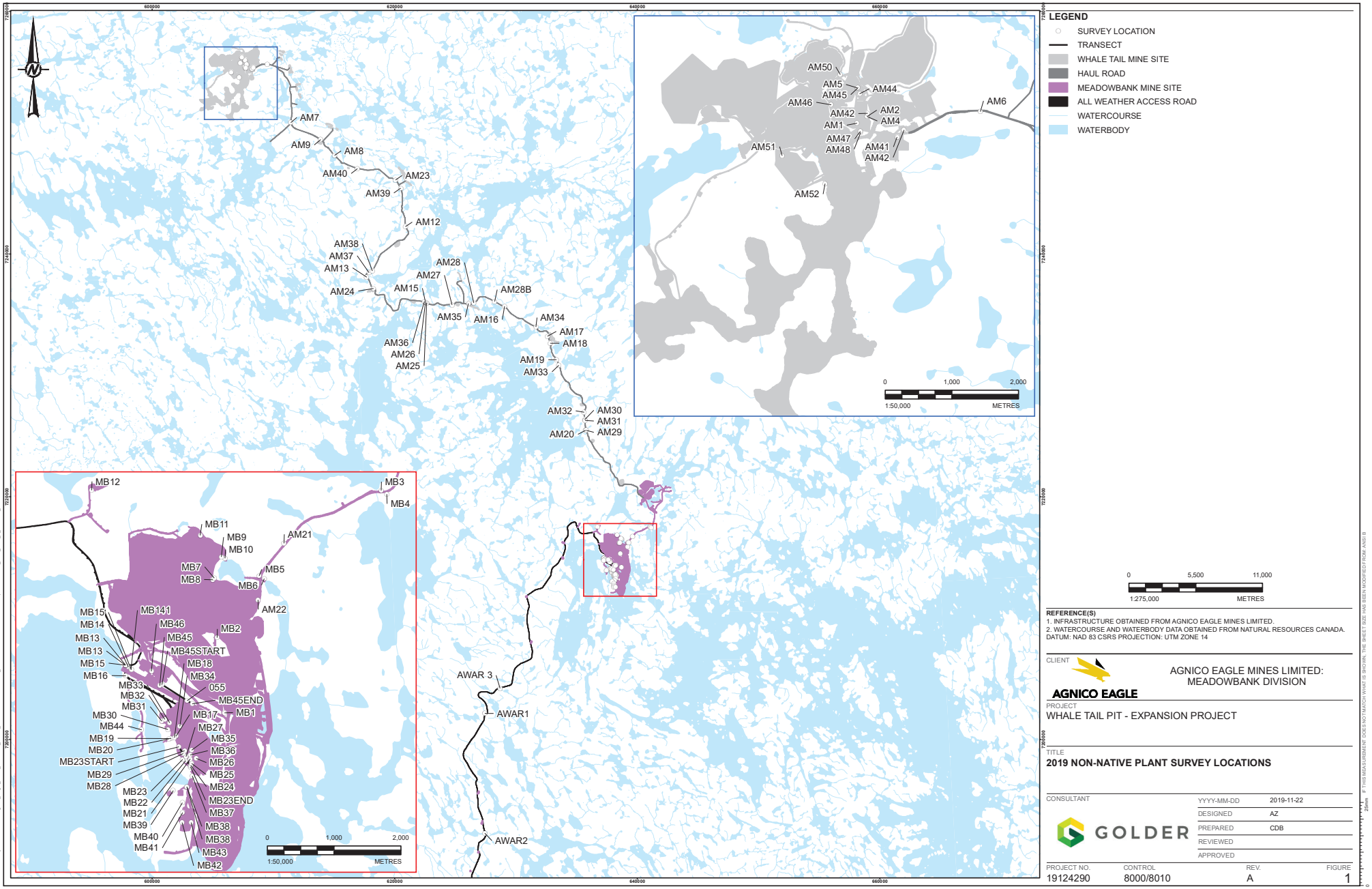
Table 1: Government of Nunavut, Department of Environment Non-native Species

CESCC Status (2010) [1]	ACIMS Scientific Name [2]	Common Name
Non-native	*Amaranthus retroflexus*	green amaranth
Non-native	*Barbarea vulgaris*	yellow rocket
Non-native	*Capsella bursa-pastoris*	shepherd's purse
Non-native	*Carum carvi*	wild caraway
Non-native	*Hordeum vulgare*	common barley
Non-native	*Leucanthemum vulgare*	oxeye daisy
Non-native	*Papaver somniferum*	opium poppy
Non-native	*Plantago major*	common plantain
Non-native	*Polygonum aviculare*	prostrate knotweed
Non-native	*Puccinellia distans*	spreading alkali grass
Non-native	*Sonchus arvensis*	field sow thistle
Non-native	*Taraxacum officiniale*	common dandelion
Non-native	*Thlaspi arvense*	field pennygrass
Non-native	*Vicia cracca*	tufted vetch

[1] CESCC = The Canadian Endangered Species Council.
[2] ACIMS = Alberta Conservation Information Management System (2018).

Due to the large extent of the Meadowbank Complex area, non-native plant surveys were executed as targeted surveys focused within high-priority or potential areas. High-potential areas were identified including highly trafficked areas (i.e., fuel station), wastewater discharge area, areas surrounding buildings, shipping containers and the dump, for example. Due to time constraints the AWAR was surveyed from the Meadowbank Mine site to Kilometer (KM) 70 only at slow speed, while observing for weed infestations along road margins. Periodic stops were undertaken to complete meanders in areas with high potential (pull-outs, work areas etc.). A GPS was used to collect a trackfile of the meander route.

A total of 107 locations were surveyed (Figure 1). Locations assessed included the sides of the haul roads, as well as both Whale Tail and Meadowbank Mine footprint areas.



LEGEND

- SURVEY LOCATION
- TRANSECT
- WHALE TAIL MINE SITE
- HAUL ROAD
- MEADOWBANK MINE SITE
- ALL WEATHER ACCESS ROAD
- WATERCOURSE
- WATERBODY

0 5,500 11,000
1:275,000 METRES

REFERENCE(S)

1. INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. WATERCOURSE AND WATERBODY DATA OBTAINED FROM NATURAL RESOURCES CANADA.
DATUM: NAD 83 CSRS PROJECTION: UTM ZONE 14

CLIENT

AGNICO EAGLE MINES LIMITED:
MEADOWBANK DIVISION

PROJECT

WHALE TAIL PIT - EXPANSION PROJECT

TITLE

2019 NON-NATIVE PLANT SURVEY LOCATIONS

CONSULTANT

GOLDER

YYYY-MM-DD	2019-11-22
DESIGNED	AZ
PREPARED	CDB
REVIEWED	
APPROVED	

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The AWAR and haul road were travelled via vehicle at slow speeds, while observers looked for obvious signs of non-native plant occurrences along road margins. Obvious signs included showy inflorescence, fruiting structures, and other key characteristics that distinguished non-native species from endemic plant species. Periodic stops were undertaken to complete meanders in areas with high potential (pull-outs, work areas etc.). The following information was recorded when non-native species were encountered:

- site ID;
- surveyor name;
- GPS coordinates;
- photos of the occurrence / infestation;
- species name;
- estimated area of infestation (e.g., 10 m x10 m);
- estimated number of plants (e.g., <10, 10 to 100, 100 to 1,000, >1,000) of each species;
- estimated cover of bare ground;
- growth stage (i.e., seedling, in bud, seed set, expired) of each species;
- recommended action for each species; and
- record of any hand pulling (if completed).

3.0 RESULTS

No non-native plants, as identified by the CESCC, were recorded along the haul road, AWAR, Whale Tail and Meadowbank Mine footprints.

Although not listed as a non-native species by the CESCC, populations of flixweed (*Descurainia sophia*) and scentless chamomile (*Matricaria perforata*), both non-endemic to the Arctic, were observed within the surveyed locations. Table 2 provides a summary of the non-native plant survey findings from the August 2019 surveys at locations shown on Figure 1. Detailed survey results are presented in Appendix A and representative photographs are presented in Appendix B.

Table 2: Summary of Key Non-native Vegetation Survey Findings

	Number of Survey Locations	Percent of Total
Non-Native Occurrences	0	0%
No Non-native Vegetation Observed[1]	106	99%
Species of Special Concern	1	1%
Total	107	100%

[1] These sites may require subsequent visits to confirm continued absence of non-native species.

Scentless chamomile is listed as Secondary Noxious and Noxious in the Canadian Weed Seeds Order (*Seeds Act* 2016). A single plant was observed near a building close to the water at the Meadowbank Mine site (at location MB32 shown on Figure 1, refer to Appendix A and Photograph 5 in Appendix B). The most effective method of treatment is hand pulling (Government of Alberta 2007); the plant was hand pulled and disposed of safely by an Agnico Eagle employee on 15 August 2019.

Flixweed is an introduced agricultural weed from Europe, Asia and North Africa (Dickinson 2006; ABMI 2019) and is non-native to Nunavut. Flixweed was observed on the Meadowbank Mine site (at locations MB13, MB15, MB23, and MB41 shown on Figure 1, refer to Appendix A and B). Infestations of flixweed were found to be most dense along the perimeter of the airstrip, and the southwest edge of the Meadowbank Mine site. The southwest border of the airport runway was found to have the tallest and densest population of flixweed, assessed as exceeding the largest population density category of >1000. The southwest edge of the Meadowbank Mine site was also observed to have high densities of this species, especially around the workshop and shipping container storage areas. Observed flixweed populations have not encroached onto the tundra, and all observations were limited to disturbed areas (see representative photographs in Appendix B). It follows that disturbed areas on the Meadowbank Mine site were highly likely to have occurrences of flixweed.

4.0 CONCLUSION AND RECOMMENDATIONS

No non-native plant species for Nunavut, as identified by the CESCC, were recorded during the 2019 surveys for the Meadowbank Complex, though two plant species which are non-endemic to the Arctic were detected:

- Although not listed as a non-native plant by the CESCC, the noxious weed scentless chamomile should be continually monitored to prevent further infestations. The Government of Alberta states that noxious weeds have the ability to spread rapidly, degrade habitats and reduce biodiversity, and must be controlled to prevent further establishment and spread (Government of Alberta 2012).
- Flixweed has not migrated from the Meadowbank Mine site through the haul road or to the Whale Tail Mine site. Although flixweed is also not on the CESSC species list, it should be controlled to contain the infestation to the Meadowbank Mine site and AWAR and prevent spread north to new locations.

Efforts for non-native plant management, including identified non-endemic species, should continue and added diligence should be undertaken with regards to areas of high traffic.

Continued and thorough cleaning of equipment and materials prior to entering the site, per the TEMP, will prevent seed of non-native species from being introduced. Surveys for the 14 non-native plant species identified by CESCC as well as other non-native species should continue to be completed annually. Mechanical control such as mowing or hand pulling, as appropriate for the site setting, is recommended for any identified non-native plant species. If hand pulling with a shovel, the plant material should be collected in bags and disposed of at an offsite location. Mowing is a viable option if the following conditions are met:

- there is access for a mowing unit;
- the terrain is not too steep or hazardous; or
- if the phenology of the plant stage is not at risk for greater seed dispersal (consult with a vegetation ecologist prior to mowing).

Chemical herbicide treatments are not recommended to be used at this point as the tundra is a very sensitive ecosystem. As a further measure of prevention, the CESCC (2010) has developed posters that show non-native species in Nunavut. These can easily be displayed at the Meadowbank Complex and incorporated into on-boarding materials, which could be used to supplement non-native plant information and posters used on-site.

A management plan for non-native plant species employing adaptive management may be implemented if the non-endemic and other non-native plant species continue to be observed and/or are observed to spread further within the Meadowbank Complex area. A non-native plant management plan would describe the methods for the eradication, control and/or minimization of the encroachment of non-native plant species into new areas, and outline additional measures such as on-boarding and training in the identification of non-native plant species for the area.

5.0 CLOSURE

We trust this meets your needs and if you have any questions or concerns, feel free to contact the undersigned at your convenience.

Regards,

Golder Associates Ltd.

Chris Shapka, B.Sc., P. Biol., P.Ag.
Terrestrial Ecologist

Valerie Coenen
Senior Terrestrial Ecologist

Corey De La Mare, P. Biol.
Principal, Senior Ecologist

DM/CS/VC/CLT/CDLM/jr

https://golderassociates.sharepoint.com/sites/110051/project files/5 technical work/05_reporting_data_mgmt/invasive plants reporting/rev0/19124290-468-tm-mbk_2019invasiveplants-rev0.docx

Attachments:

Appendix A – Meadowbank Complex – 2019 Non-Native Plant Survey Results
Appendix B – Meadowbank Complex – 2019 Non-Native Plant Survey Representative Photographs

References

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APPENDIX A

Meadowbank Complex - 2019 Non-Native Plant Species Survey Results

Table A-1: Non-native Plant Survey Results

Survey Location	Plot ID	Scientific name	Common name	No of Plants	Population Description	Population Size (m^2)	Latitude	Longitude
AWAR	MB19DMW053	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	6000	64.830528	-96.31408
Meadowbank Mine Site	MB19DMW021	*Descurainia Sophia*	Flixweed	>1,000	continuous dense occurrence of a species	300	65.029533	-96.08618
Meadowbank Mine Site	MB19DMW023	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	400	65.028863	-96.084373
Meadowbank Mine Site	MB19DMW025	*Descurainia Sophia*	Flixweed	<10	few sporadically occurring individuals	n/r	65.028082	-96.086278
Meadowbank Mine Site	MB19DMW028	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	500	65.019387	-96.072845
Meadowbank Mine Site	MB19DMW029	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	600	65.019337	-96.073485
Meadowbank Mine Site	MB19DMW030	*Descurainia Sophia*	Flixweed	10-99	several sporadically occurring individuals	10	65.016522	-96.066998
Meadowbank Mine Site	MB19DMW031	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	500	65.016507	-96.069418
Meadowbank Mine Site	MB19DMW032	*Descurainia Sophia*	Flixweed	100 to 499	continuous dense occurrence of a species	25	65.015647	-96.066913
Meadowbank Mine Site	MB19DMW033	*Descurainia Sophia*	Flixweed	500 to 999	continuous uniform occurrence of well-spaced individuals	500	65.015898	-96.066555
Meadowbank Mine Site	MB19DMW034	*Descurainia Sophia*	Flixweed	10 to 99	a few patches or clumps of species	1	65.016563	-96.065065
Meadowbank Mine Site	MB19DMW035	*Descurainia Sophia*	Flixweed	500-1000	continuous occurrence of a species with few gaps in distribution	400	65.016858	-96.068308
Meadowbank Mine Site	MB19DMW036	*Descurainia Sophia*	Flixweed	100 to 499	continuous occurrence of a species with few gaps in distribution	10	65.017272	-96.069137
Meadowbank Mine Site	MB19DMW037	*Descurainia Sophia*	Flixweed	100 to 499	continuous uniform occurrence of well-spaced individuals	20	65.017648	-96.06860
Meadowbank Mine Site	MB19DMW039	*Descurainia Sophia*	Flixweed	10 to 99	continuous uniform occurrence of well-spaced individuals	5	65.021773	-96.075445

Survey Location	Plot ID	Scientific name	Common name	No of Plants	Population Description	Population Size (m^2)	Latitude	Longitude
Meadowbank Mine Site	MB19DMW040	*Tripleurospermum inodorum*	Scentless chamomile	1	single individual	0.25	65.022007	-96.074423
Meadowbank Mine Site	MB19DMW041	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	50	65.021492	-96.073017
Meadowbank Mine Site	MB19DMW042	*Descurainia Sophia*	Flixweed	10 to 99	several sporadically occurring individuals	n/1	65.020958	-96.069835
Meadowbank Mine Site	MB19DMW043	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	400	65.017702	-96.066375
Meadowbank Mine Site	MB19DMW044	*Descurainia Sophia*	Flixweed	500 to 999	continuous occurrence of a species with few gaps in distribution	100	65.017038	-96.066917
Meadowbank Mine Site	MB19DMW045	*Descurainia Sophia*	Flixweed	10-99	a single patch or clump of species	4	65.014245	-96.066593
Meadowbank Mine Site	MB19DMW046	*Descurainia Sophia*	Flixweed	10-99	several sporadically occurring individuals	5	65.012790	-96.068462
Meadowbank Mine Site	MB19DMW048	*Descurainia Sophia*	Flixweed	<10	rare individual; single occurrence	0.25	65.010675	-96.070085
Meadowbank Mine Site	MB19DMW049	*Descurainia Sophia*	Flixweed	>1,000	continuous dense occurrence of a species	7500	65.009357	-96.070187
Meadowbank Mine Site	MB19DMW050	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	250	65.008037	-96.070547
Meadowbank Mine Site	MB19DMW051	*Descurainia Sophia*	Flixweed	10-99	a single patch or clump of species	2	65.007975	-96.06762
Meadowbank Mine Site	MB19DMW055	*Descurainia Sophia*	Flixweed	>1,000	continuous occurrence of a species with few gaps in distribution	~10000	65.026552	-96.075548
Meadowbank Mine Site	MB19DMW056	*Descurainia Sophia*	Flixweed	10-99	a single patch or clump of species	25	65.02853	-96.07802
Whale Tail Mine Site	MB19DMW026	*Descurainia Sophia*	Flixweed	10-99	several sporadically occurring individuals	4	65.019687	-96.071088

n/r – not recorded

APPENDIX B

Meadowbank Complex - 2019 Non-Native Plant Species Survey Representative Photographs

Photo 1. Flowering flixweed (*Descurainia Sophia*) at Meadowbank Mine (MB13).

Photo 2. Flowering flixweed at Meadowbank Mine (along MB23 transect).

Photo 3. Vegetative flixweed at Meadowbank Mine (MB15).

Photo 4. Post-seed flixweed at Meadowbank Mine (along MB23 transect).

Photo 5. Flowering scentless chamomile (*Tripleurospermum inodorum*) located at Meadowbank Mine (MB32).

Photo 6. Dead and flowering flixweed located at Meadowbank Mine (MB41).