AREVA Resources Canada Inc.

KIGGAVIK PROJECT, NUNAVUT

Monthly Wildlife Report

July 1 – July 31, 2012

1. INTRODUCTION

Throughout the 2012 field season, wildlife monitoring is being carried out in accordance with the Wildlife Mitigation and Monitoring Plan (WMMP) developed for the Kiggavik Project. One of the requirements of the plan is monthly reporting. This is the second monthly report of the 2012 field season for the month of July.

2. MITIGATION ACTION TAKEN

As required by the Nunavut Impact Review Board (NIRB) 2007 screening decision and the WMMP, drill activity will be suspended when concentrations of caribou are within 2 km of drill rigs during the months of June and July. At no time did caribou groups approach within 2 km of drilling activities.

As per the Indian and Northern Affairs Canada (INAC) Land Use Permit and the WMMP, when caribou cows calve outside the designated caribou protection areas operations will be suspended if cows and/or calves are present within 10 km of operations between May 15 and July 15. At no time did cows and/or calves approach within 10 km of drilling activities during the designated calving season.

3. INDEPENDENT LOCAL WILDLIFE MONITORS

Throughout July AREVA employed Independent Wildlife Monitors from Baker Lake; Roger Owingayak, Raymond Owingayak and Timothy Evviuk. Consistent monitoring occurred each day in July. Monitoring consists of five height-of-land (HOL) stations around camp and periodic visits to the drill sites. A daily log is completed by the wildlife monitor and kept on file. There were no wildlife disturbances recorded by the wildlife monitor during the month of July.

4. WILDLIFE SIGHTINGS

Sighting details vary with the observer and are sometimes minimal, with incidental observations by contractors. Sightings are recorded on a Wildlife Report Log within an environmental data spreadsheet as shown in the appended Table 2. With a total of 28 sightings, there were 5 caribou sightings, 17 muskox sightings, 3 fox and 3 wolf sightings. This section summarizes wildlife sightings by type of sighting.

4.1. INDEPENDENT WILDLIFE MONITOR

4.1.1. Independent Wildlife Monitors record sightings at five locations near camp and around all drill sites. These accounted for 9 of 28 sightings during the month of July.

4.2. AERIAL OBSERVATION

Helicopter pilots and passengers document wildlife observations during normal operations, and provide data to the Environment Group on site. This accounted for 7 of 28 sightings in July.

4.3. ALL OTHER INCIDENTAL SIGHTINGS

Wildlife logs are placed in the camp kitchen and office. During site orientation, AREVA employees and contractors are informed of its location and are encouraged to report wildlife sightings. This accounted for 12 of the 28 sightings in July.

5. GNWT/GN CARIBOU SATELLITE-COLLARING DATA

The Government of Northwest Territories (GNWT) and Government of Nunavut (GN) provided collaring data showing collar movements throughout July. The issuance of collar data enables proper implementation of the WMMP as a source of caribou movements.

6. RAPTOR NEST MONITORING

No Raptor nest sites near camp or drilling areas have been identified to date.

7. FLIGHT ALTITUDES

The Kiggavik WMMP requires that long range flights be flown a minimum of 610 m (2000 ft) above ground, and short range flights be flown 300 m (1000 ft) above ground with exceptions for low-level ceiling conditions, slinging activity, or risks to flight safety. The pilots have been compliant with altitudes required for both long range and short range flights. Flights from Kiggavik to Baker Lake are regularly flown at 3500 ft while flights from Baker Lake to Kiggavik are flown at 2500 ft. Through the internet based SkyConnect program, helicopter altitudes are tracked and periodically checked by the ERP Supervisor. The SkyConnect program allows the ERP Supervisor to cross reference with daily flight reports to ensure pilots have recorded reasons for occasional low level flights such as slinging or low level ceiling/bad weather. The pilots have been diligent in flying at or above the desired altitudes whenever possible. Figure 1 provides a map view of a typical flight and the altitude of one particular point on the flight.

Baker Lake residents concerned with low level flights can stop by the office to see where the AREVA helicopters are at any given time. Logs of the flights are kept throughout the season.

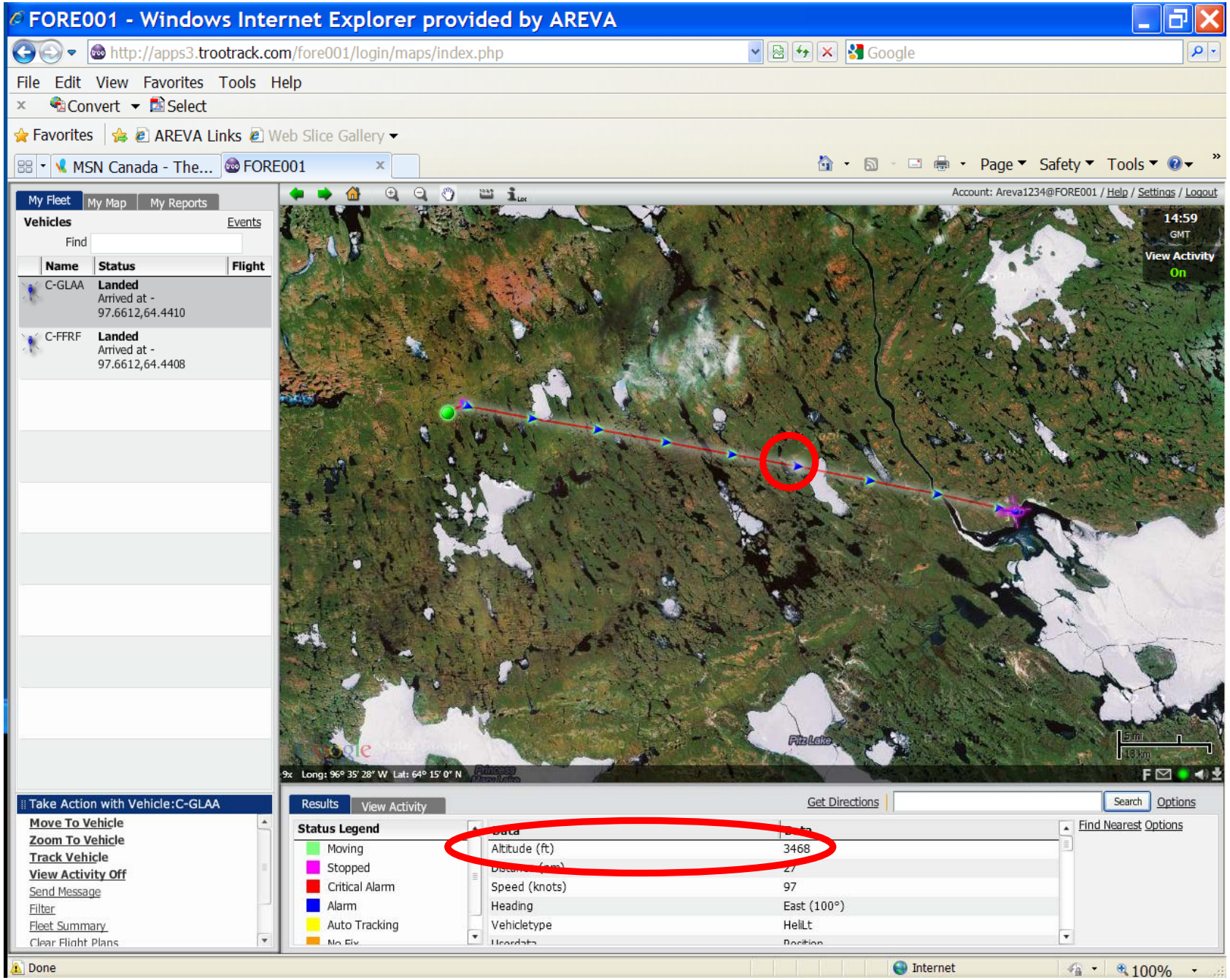

Figure 1: Helicopter Altitude Check July 2, 2012

Date	Time	Observation method	Species	Number	Behaviour	Disturbance	Cause of Disturbance	Behaviour Before Disturbance	Behaviour After Disturbance	Actions Taken to Avoid Disturbance	Physical Location
02/07/2012	19:30	Camp Observation	Arctic Fox	1	Walking/ Running	No	n/a	n/a	n/a	n/a	Near the core shacks at camp
08/07/2012	11:45	Camp Observation	Muskox	6		No	n/a	n/a	n/a	n/a	Behind the core logging area
09/07/2012	02:08	Wildlife Monitor	Caribou	1	Walking	No	n/a	n/a	n/a	n/a	2 km north of camp
10/07/2012	09:45	Camp Observation	Arctic Fox	3	Chasing	No	n/a	n/a	n/a	n/a	besides the kitchen
11/07/2012	13:30	Aerial	Muskox	15	Walking/Laying down	No	n/a	n/a	n/a	n/a	South end of Sleek Lake
12/07/2012		Wildlife Monitor	Muskox	2	Unknown	No	n/a	n/a	n/a	n/a	HOL4
13/07/2012		Wildlife Monitor	Muskox	herd	Unknown	No	n/a	n/a	n/a	n/a	a mile South of HOL4
13/07/2012	11:20	Aerial	Muskox	15	Walking/Laying down	No	n/a	n/a	n/a	n/a	South end of Sleek Lake
13/07/2012	09:00	Camp Observation	Muskox		Walking/Laying down	No	n/a	n/a	n/a	n/a	South of Camp
14/07/2012		Wildlife Monitor	Muskox	10	Grazing	No	n/a	n/a	n/a	n/a	West of HOL5
14/07/2012	08:30	Aerial	Muskox	15	Eating/Laying down	No	n/a	n/a	n/a	n/a	Near End Grid
14/07/2012	21:05	Camp Observation	Muskox	21	Eating/Laying down	No	n/a	n/a	n/a	n/a	2km South of Camp
15/07/2012		Wildlife Monitor	Muskox	23	Unknown	No	n/a	n/a	n/a	n/a	Near HOL4
16/07/2012	10:00	Aerial	Muskox	20	Unknown	No	n/a	n/a	n/a	n/a	Thom Lake
17/07/2012	21:30	Camp Observation	Muskox	1	Lying	No	n/a	n/a	n/a	n/a	6 miles East of Camp
18/07/2012		Wildlife Monitor	Caribou	1	Feeding/Walking	No	n/a	n/a	n/a	n/a	3 miles North of HOL2
18/07/2012	08:20	Aerial	Caribou	1	Unknown	No	n/a	n/a	n/a	n/a	500m East of Fuel Cache
18/07/2012	10:45	Wildlife Monitor	Caribou	1	Feeding/Walking	No	n/a	n/a	n/a	n/a	2 miles North of Camp
22/07/2012	20:30	Camp Observation	Fox	1	playing with Ptarmigan	no	n/a	n/a	n/a	n/a	Near helipad
24/07/2012	11:00	Camp Observation	Wolf	1	walking east	no	n/a	n/a	n/a	n/a	South of Camp
24/07/2012	15:00	Aerial	Muskox	14	Walking/Feeding	No	n/a	n/a	n/a	n/a	2 miles NW of Drill #3
24/07/2012	15:30	Aerial	Caribou	1	Walking	No	n/a	n/a	n/a	n/a	around drill #1
26/07/2012	08:30	Camp Observation	Muskox	10	Walking/Feeding	No	n/a	n/a	n/a	n/a	2 miles SW of camp

26/07/2012	13:26	Wildlife Monitor	Muskox	32	Unknown	No	n/a	n/a	n/a	n/a	HOL1
26/07/2012	14:52	Wildlife Monitor	Muskox	1	Unknown	No	n/a	n/a	n/a	n/a	HOL4
27/07/2012	20:30	Incidental	Wolf	2	Walking	No	n/a	n/a	n/a	n/a	around drill #3
28/07/2012	02:00	Incidental	Wolf	1	Walking	No	n/a	n/a	n/a	n/a	around drill #2
28/07/2012	16:30	Incidental	Muskox	1	Walking	No	n/a	n/a	n/a	n/a	around drill #2