

Baker Lake Harvest Study

Southwest Map Pitz Lake

Key Map

Aberdeen Lake	Schultz Lake	Ouoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:

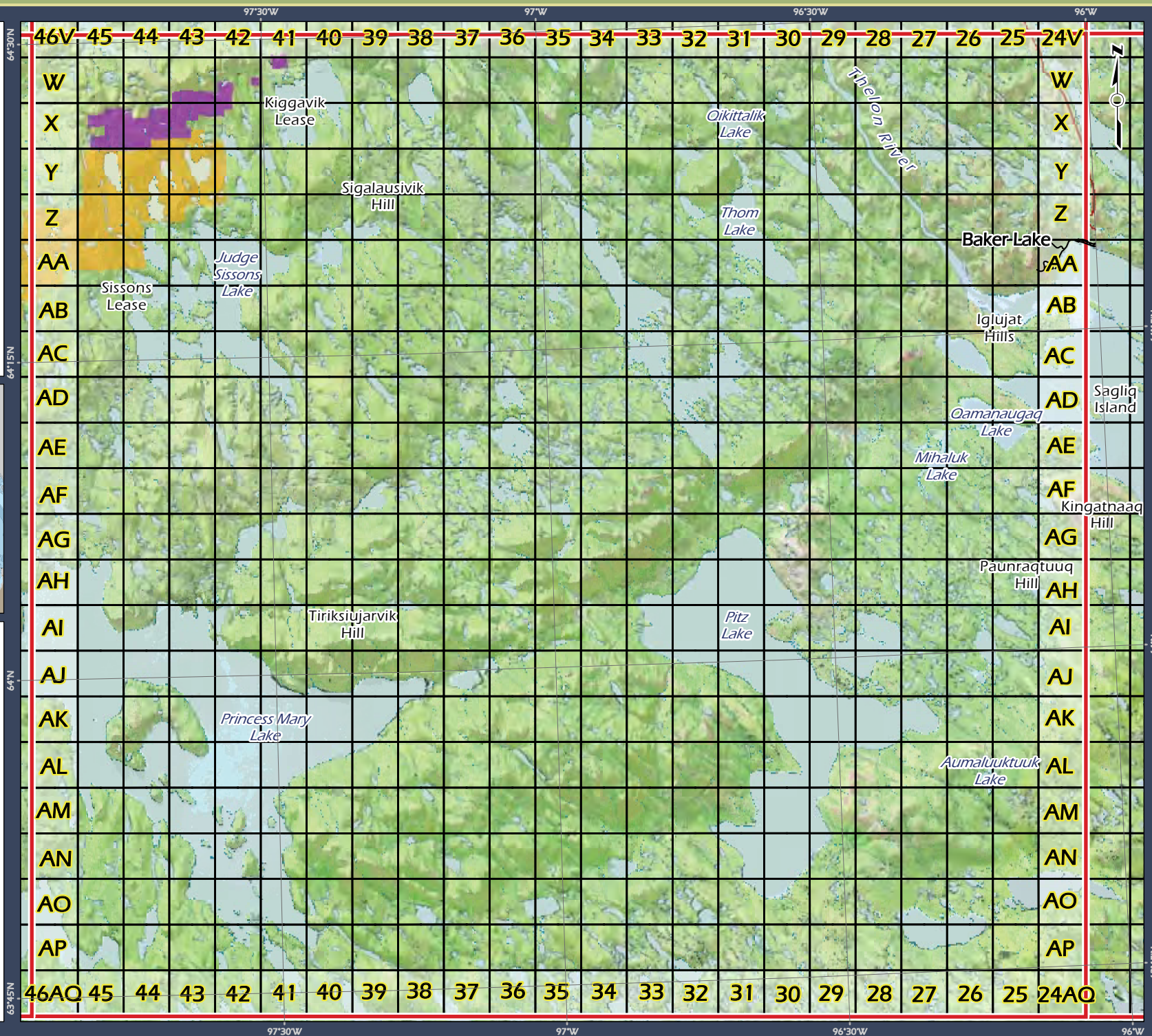
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Areva Resources Canada Inc.
Caslys Consulting Ltd.

Prepared
for:



By:

Caslys Consulting Ltd.





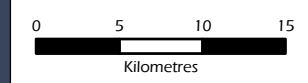
Baker Lake Harvest Study

Northeast Map Quioich River

Key Map

Aberdeen Lake	Schultz Lake	Quioich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail

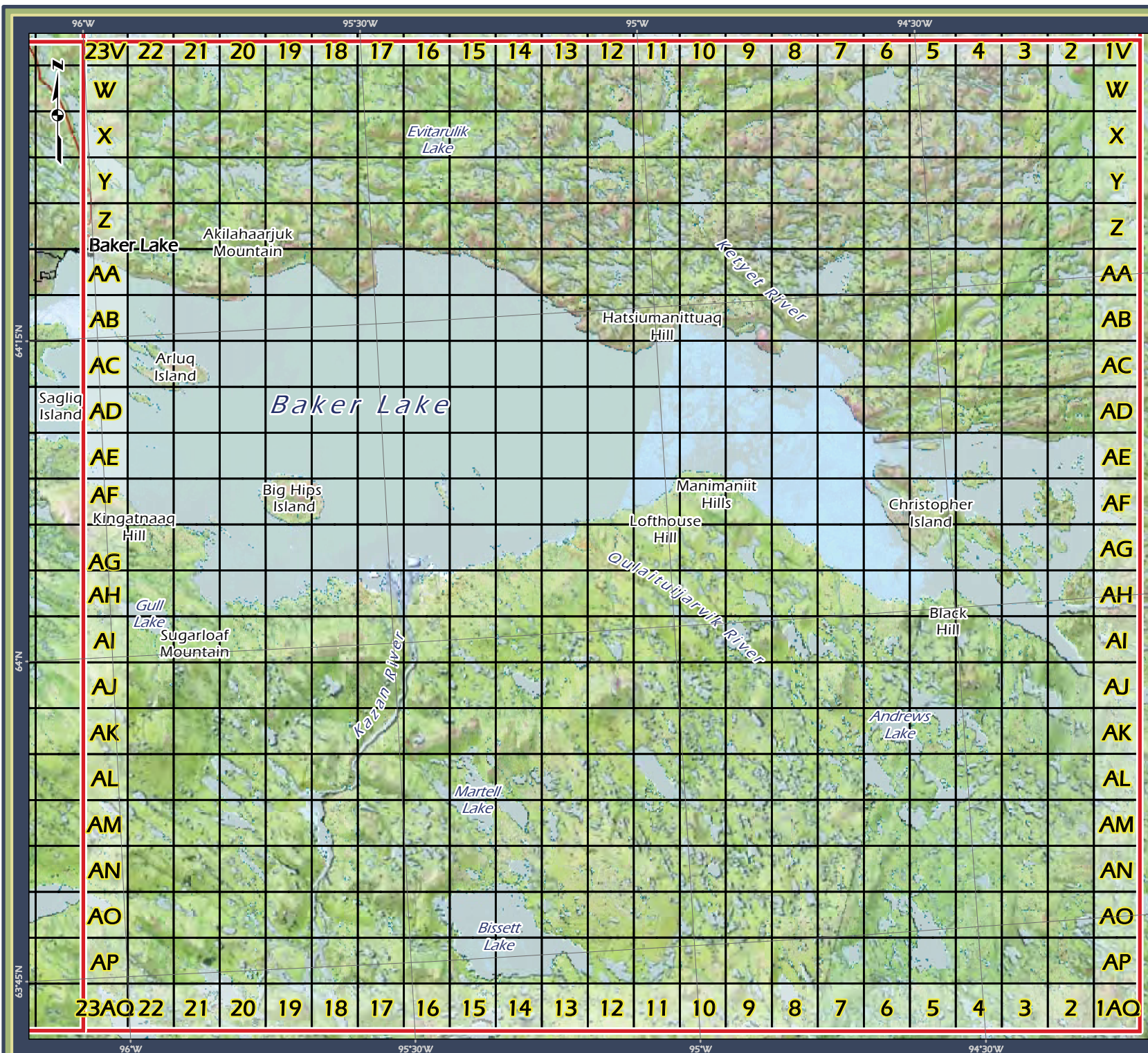


Projection: UTM Zone 14 NAD83

Data Sources:
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Prepared for:





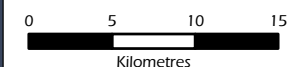
*Baker Lake
Harvest Study*

*Southeast Map
Baker Lake*

Key Map

Aberdeen Lake	Schultz Lake	Quoich River
Mallery Lake	Pitz Lake	Baker Lake

Area of Detail



Projection: UTM Zone 14 NAD83

Data Sources:
Natural Resources Canada
GeoBase®
National Topographic Database
Government of Nunavut
Agnico-Eagle Mines Inc.
Areva Resources Canada Inc.
Caslys Consulting Ltd.

Prepared for:





Henigayok Falls

Damian Power



Produced By:



Gebauer & Associates
ENVIRONMENTAL CONSULTANTS

and



Attachment C Details of Caribou Tissue Samples

Attachment C
Details of Caribou Tissue Samples

File: TWBR/Attachment C Caribou Tissue Sample Data w UTMs

Attachment C Details of Caribou Tissue Samples

Caribou #	Tissues collected	Sample ID	Sample weight (g)	Date of collection	Date of kill	Location of kill	Age	Gender	Health	Kill Details	Storage	Zone	Easting	Northing
1	bone meat kidney	CAR0901-01B	275	1-Feb-09	30-Jan-09	Z-26	adult		good	cleaned and butchered on-site	outdoors	15	364113	7137211
		CAR0901-01M	468	15								364113	7137211	
		CAR0901-01K	113	15								364113	7137211	
2	bone meat	CAR0901-02B	482	31-Jan-09		I-20					deep-freeze	14	629986	7206063
		CAR0901-02M	734									14	629986	7206063
3	bone	CAR0901-03B	235	31-Jan-09	25-Jan-09	Z-26	young	male	good		outdoors	15	364113	7137211
4	bone meat	CAR0901-04B	425	31-Jan-09	30-Jan-09	Z-26		female	good		outdoors	15	364113	7137211
		CAR0901-04M	731									15	364113	7137211
5	bone meat kidney liver	CAR0901-05B	292	1-Feb-09	31-Jan-09	Z-25	yearling	male	good	cleaned and butchered on-site	outdoors	15	360131	7137588
		CAR0901-05M	967									15	360131	7137588
		CAR0901-05K	162									15	360131	7137588
		CAR0901-05L	887									15	360131	7137588
6	bone meat kidney liver	CAR0901-06B	244	1-Feb-09	1-Feb-09	Z-26	adult	male	good	cleaned and butchered on-site	outdoor	15	364113	7137211
		CAR0901-06M	570									15	364113	7137211
		CAR0901-06K	145									15	364113	7137211
		CAR0901-06L	831									15	364113	7137211
7	bone meat kidney	CAR0901-07B	232	1-Feb-09	31-Jan-09	O-22	adult	female	good	cleaned and butchered on-site	outside (24 hrs)	14	637989	7182064
		CAR0901-07M	252									14	637989	7182064
		CAR0901-07K	102									14	637989	7182064
8	liver	CAR0901-08L	862	2-Feb-09	31-Jan-09	Y-23	adult		good	cleaned on-site	outdoor/indoor	14	641996	7142065
9	bone meat kidney liver	CAR0901-09B	227	2-Feb-09	2-Feb-09	AI-8				cleaned on-site	delivered direct	14	582002	7102055
		CAR0901-09M	388									14	582002	7102055
		CAR0901-09K	150									14	582002	7102055
		CAR0901-09L	958									14	582002	7102055
10	bone meat kidney liver	CAR0901-10B	380	2-Feb-09	2-Feb-09	Z-25	3-5 yrs	female	fair	cleaned and butchered on-site	delivered direct	15	360131	7137588
		CAR0901-10M	1415									15	360131	7137588
		CAR0901-10K	249									15	360131	7137588
		CAR0901-10L	1128									15	360131	7137588
11	bone meat kidney	CAR0901-11B	210	2-Feb-09	1-Feb-09	Z-24		female	good	cleaned on-site	outdoor/indoor	15	356148	7137964
		CAR0901-11M	286									15	356148	7137964
		CAR0901-11K	102									15	356148	7137964
12	bone meat kidney liver	CAR0901-12B	288	2-May-09	2-May-09	AD-19	adult	male	good	cleaned and butchered on-site	outdoors	14	625999	7122062
		CAR0901-12M	387									14	625999	7122062
		CAR0901-12K	138									14	625999	7122062
		CAR0901-12L	1238									14	625999	7122062
13	bone meat kidney liver	CAR0901-13B	287	2-May-09	2-May-09	AD-20	adult	male	good	cleaned and butchered on-site	outdoors	14	629999	7122063
		CAR0901-13M	384									14	629999	7122063
		CAR0901-13K	218									14	629999	7122063
		CAR0901-13L	743									14	629999	7122063
14	bone meat kidney liver	CAR0901-14B	155	2-May-09	2-May-09	AA-22	yearling	male	good	cleaned and butchered on-site	freezer/outdoors	14	637997	7134064
		CAR0901-14M	513									14	637997	7134064
		CAR0901-14K	139									14	637997	7134064
		CAR0901-14L	739									14	637997	7134064
15	kidney liver	CAR0901-15K	189	2-May-09	1-May-09	Y-21	adult	female	good	cleaned and butchered on-site	outdoors	14	633996	7142063
		CAR0901-15L	1006									14	633996	7142063
16	bone meat	CAR0901-16B	200	4-May-09	26-Apr-09	Y-22	adult	male	good	cleaned and butchered on-site	outdoors	14	637996	7142064
		CAR0901-16M	253									14	637996	7142064
17	bone meat kidney liver	CAR0901-17B	436	4-May-09	4-May-09	AD-19	adult	male	good	cleaned and butchered on-site	delivered direct	14	625999	7122062
		CAR0901-17M	625									14	625999	7122062
		CAR0901-17K	246									14	625999	7122062
		CAR0901-17L	1334									14	625999	7122062
18	bone meat kidney liver	CAR0901-18B	434	4-May-09	4-May-09	AD-19	adult	male	good	cleaned and butchered on-site	delivered direct	14	625999	7122062
		CAR0901-18M	576									14	625999	7122062
		CAR0901-18K	225									14	625999	7122062
		CAR0901-18L	421									14	625999	7122062
19	bone meat kidney liver	CAR0901-19B	412	4-May-09	4-May-09	AD-19	adult	male	good	cleaned and butchered on-site	delivered direct	14	625999	7122062
		CAR0901-19M	564									14	625999	7122062
		CAR0901-19K	240									14	625999	7122062
		CAR0901-19L	1313									14	625999	7122062
20	bone meat kidney liver	CAR0901-20B	221	4-May-09	4-May-09	AD-19	yearling	male	good	cleaned and butchered on-site	delivered direct	14	625999	7122062
		CAR0901-20M	346									14	625999	7122062
		CAR0901-20K	124									14	625999	7122062
		CAR0901-20L	481									14	625999	7122062
21	bone meat	CAR0901-21B	336	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477
CAR0901-21M	466	15	371700									7132477		
22	bone meat	CAR0901-22B	355	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477
		CAR0901-22M	563									15	371700	7132477
23	bone meat	CAR0901-23B	290	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477
		CAR0901-23M	346									15	371700	7132477
24	bone meat	CAR0901-24B	348	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477
25	bone meat	CAR0901-25B	340	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477
		CAR0901-25M	455									15	371700	7132477
26	bone meat	CAR0901-26B	346	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477
		CAR0901-26M	495									15	371700	7132477
27	liver	CAR0901-27L	963	4-May-09	3-May-09	AA-28	n/a	n/a	n/a	cleaned and butchered on-site	frozen on land & delivered direct	15	371700	7132477

Attachment D Analytical Methods

SRC Analytical Laboratories

Standard Operating Procedure Summary

Elemental Analysis by ICP-AES (Simultaneous)

SOP Number:

Chm-512

Summary:

Several elements in aqueous solution may be quickly and easily determined using Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES). The plasma is a stream of Argon gas that is ionized by an applied radio frequency field. Sample aerosols are injected into the plasma which subjects the atoms to temperatures of 6000 to 10,000K. The high temperatures atomize the sample. The atoms produce emission spectra which are optically measured in a computer controlled spectrometer.

Samples undergo suitable preparation to ensure that the analytes are in an aqueous environment. Water samples can be analyzed for dissolved metals directly without any preparation. Water samples are often digested with nitric and perchloric acids. The digestion ensures that analytes present in any suspended solids are in solution. A variety of sample types can be analyzed after suitable preparation.

Scope and Detection Limit:

Contact the laboratory for a complete list of current detection limits.

Sample Requirements

Water samples must be preserved with Nitric Acid.

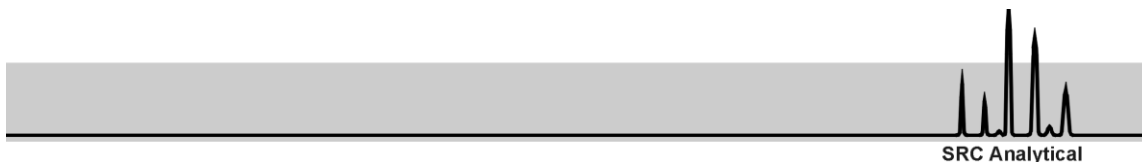
Quality Control:

One of every 10 samples is analyzed in duplicate. At least one control sample is analyzed with each batch. Standards are analyzed after every 5 samples to check the calibration. Instrument performance checks are performed regularly. All quality control checks must be within specified limits or corrective action is taken.

References:

Standard Methods for the Examination of Water and Wastewater, 21st Ed., 2005. Part 3120, APHA-AWWA-WEF.

Compiled November 6, 2009 GS.



SRC Analytical Laboratories

Standard Operating Procedure Summary

Elemental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

SOP Number:

Chm-515

Summary:

Several elements in aqueous solution may be quickly and easily determined using Inductively Coupled Plasma Atomic Mass Spectrometry (ICP-MS). The plasma is a stream of Argon gas that is ionized by an applied radio frequency field. Sample aerosols are injected into the plasma which subjects the atoms to temperatures of 6000 to 10,000°K. The plasma dissociates the sample into its constituent atoms or ions. The ions are extracted from the central channel of the plasma and pass into the mass spectrometer, where they are separated on the basis of their mass to charge ratio by a quadrupole analyzer. The ions passing through the mass spectrometer are counted by an electron multiplier detector in a computer based data handling system.

A variety of sample types can be analyzed after suitable preparation.

Scope and Detection Limit:

Contact the laboratory for a complete list of current detection limits.

Sample Requirements

Samples should be collected in plastic containers and preserved with nitric acid. A minimum of 100 mL of water sample or 10 g of solid sample is required.

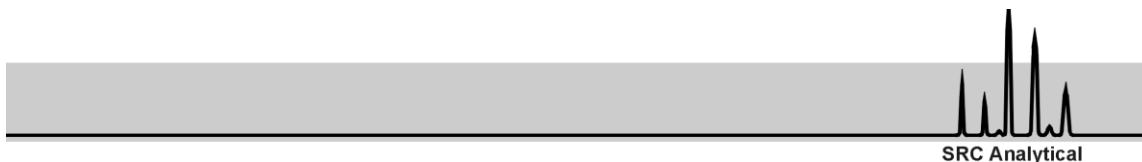
Quality Control:

One of every 10 samples is analyzed in duplicate. At least one control sample is analyzed with each batch. Standards and blanks are analyzed after every 10 samples to check the calibration. An internal standard is added to each sample. All quality control checks must be within specified limits or corrective action is taken.

References:

Standard Methods for the Examination of Water and Wastewater, 21st Edition, 2005
APHA-AWWA-WEF. Part 3125

Compiled November 6, 2009 GS.



SRC Analytical Laboratories

Standard Operating Procedure Summary

Lead-210 in Various Matrices by Beta Counting of the Bismuth-210 Successor Product

SOP Number:

Rad-101

Summary:

Lead-210 is determined indirectly by the precipitation and counting of its high energy beta emitting progeny, Bismuth-210. Following a digestion (using nitric and perchloric acids for liquid samples and the five acid digestion (Aqua Regia, perchloric, hydrofluoric and sulfuric acids) for solid samples), bismuth is isolated by solvent extraction and subsequently precipitated as bismuth oxychloride. The precipitate is collected on a filter paper/disk assembly and beta counted in a low background counting system (Berthold LB770 Gas Flow Proportional Counter)

Scope and Detection Limit:

This method may be used on a variety of sample types in conjunction with proper initial preparation procedures. The reportable detection limit for a 1 litre water sample is 0.02 Bq/L. The reportable detection limit for a 1 gram solid sample is 0.02 Bq/g.

Sample Requirements

For water samples, a sample size of 1 litre is normally required. Water samples must be preserved with nitric acid to a pH of <2. For soil or sediment samples, a sample size of 0.5 grams is normally required. Holding time for water samples is 6 months. Holding time for solid samples is indefinite.

Quality Control:

For each set of samples a blank, a control sample and a calibration check standard are analyzed. One of every ten samples (10% of all samples) is analyzed in duplicate, if sufficient sample is available. Each sample is spiked with a known quantity of stable (non-radioactive) bismuth which is used to determine the recovery after sample processing. The bismuth recovery is suspect if it is less than 25% or greater than 100%. All quality control results must be within specified limits otherwise corrective action is required.

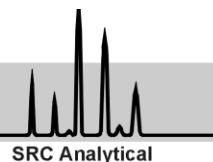
References:

National Uranium Tailings Program (NUTP) Radioanalytical Methods Manual, N.W. Chiu and J.R. Dean, Canadian Centre for Mineral and Energy Technology (CANMET), Canadian Government Publishing Centre, 1986.

CANMET Report 78-22.

Standard Methods for the Examination of Water and Wastewater, 21st Ed, APHA, AWWA, WEF, 2005.

Compiled November 6, 2009 GS.



SRC Analytical Laboratories

Standard Operating Procedure Summary

Polonium-210 in Water, Solids and Biological Tissue by Alpha Spectroscopy

SOP Number:

Rad-103

Summary:

Polonium-210 is plated onto a nickel disk and subsequently determined by alpha spectrometry. Alpha spectroscopy incorporates use of another alpha emitting polonium isotope (e.g. Po 209) as a tracer so that recovery can be calculated. This method may be used on a variety of sample types in conjunction with proper initial preparation procedures (e.g., digestion with nitric and perchloric acid for water samples and a five acid digestion (AquaRegia, perchloric, hydrofluoric and sulfuric acids) for solid samples.

Scope and Detection Limit:

This method is used to determine Po210. It may be used on a variety of sample types in conjunction with proper initial preparation procedures. Detection limit for a 1 litre water sample is 0.005 Bq/L. Detection limit for a 1 gram solid sample is 0.005 Bq/g.

Sample Requirements

For water samples, a sample size of 1 litre is normally required. Water samples must be preserved with nitric acid to a pH of <2. Samples for dissolved 210Po must be filtered before acidification. For soil or sediment samples a sample size of 1 gram is normally required. Holding time for water samples is 6 months. Holding time for solid samples is indefinite.

Quality Control:

For each set of samples a blank, a control sample, and a calibration check standard are analyzed. One of every ten samples is analyzed in duplicate if sufficient sample is available. Each sample is spiked with a known quantity of Po209 to determine the recovery. All quality control results must be within specified limits otherwise corrective action is required.

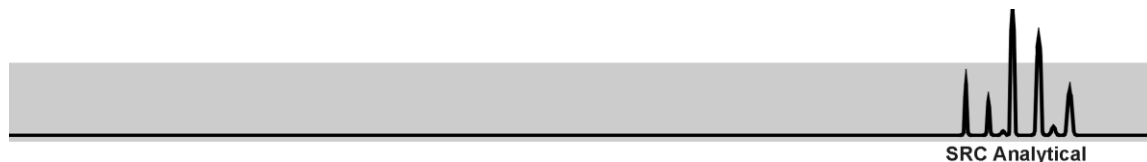
References:

Canmet Report 78-22.

Radioelement Analysis Progress and Problems, W. S. Lyon, Editor, 1979. Standard Methods for the Examination of Water and Wastewater, 21st Ed, APHA, AWWA, WEF, 2005.

National Uranium Tailings Program (NUTP) Radioanalytical Methods Manual, N.W. Chiu and J.R. Dean, Canadian Centre for Mineral and Energy Technology (CANMET), Canadian Government Publishing Centre, 1986.

Compiled November 6, 2009 GS.



SRC Analytical Laboratories

Standard Operating Procedure Summary

Radium-226 by Alpha Spectroscopy

SOP Number:

Rad-105

Summary:

All radium isotopes and other actinide and lanthanide elements in the sample solution are separated by coprecipitation with lead sulfate. The precipitate is redissolved and the radium isotopes are separated by coprecipitation with barium sulfate. The precipitate is filtered and mounted on a plastic disk. It is then counted on an alpha spectrometer. The Radium-226 alpha energy is distinct and the peak can be clearly identified.

Scope and Detection Limit:

This method can be used on water samples and a variety of different types of solid samples after suitable preparation. The detection limit is 0.005Bq/L for a 1Litre water sample and 0.01Bq/g for 0.5 grams of solid sample.

Sample Requirements

For water samples, a minimum sample size of 1 Litre is normally required. Water samples must be preserved with Nitric acid to a pH of <2.

Water samples that require dissolved radium must be filtered through a 0.45µm membrane filter before acidification. For soil or sediment samples, a minimum sample size of 0.5 gram is normally required.

Holding time for water samples is 6 months. Soils, sediments and biological samples should be kept frozen until initial preparation (e.g., drying, ashing). Holding time for dried or ashed solid samples is indefinite.

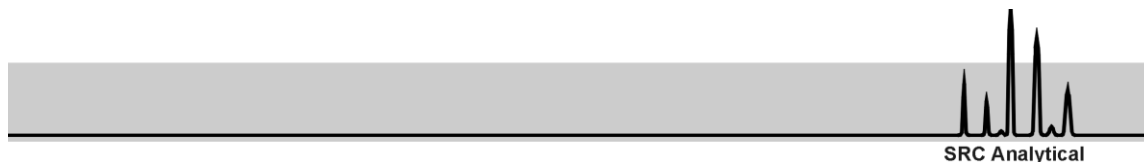
Quality Control:

For each set of samples a blank, a control sample, and a calibration check standard are analyzed. One of every ten samples is analyzed in duplicate if sufficient sample is available. Each sample is spiked with a known quantity of Barium-133 which is used to determine the recovery. All quality control results must be within specified limits otherwise corrective action is required.

References:

National Uranium Tailings Program Radioanalytical Methods Manual, N.W.Chiu and J.R. Dean, Canadian Centre for Mineral and Energy Technology (CANMET), Canadian Government Publishing Centre, 1986.

Compiled November 6, 2009 GS.



SRC Analytical Laboratories

Standard Operating Procedure Summary

Thorium Isotopes by Alpha Spectroscopy

SOP Number:

Rad-106

Summary:

Thorium is isolated by precipitation with barium sulfate, several cleanup steps and subsequent precipitation with ceric hydroxide. It is collected on a filter paper and the individual isotopes are determined by alpha spectrometry. The prepared sample must be counted immediately when Th227 is required, otherwise the Th228 progeny will interfere.

Scope and Detection Limit:

This method is used to determine alpha emitting isotopes of thorium including Th227, Th228, Th230, and Th232. It may be used on a variety of sample types in conjunction with proper preparation procedures. Detection limit for a 1 litre water sample is 0.01 Bq/L. Detection limit for 0.5 gram of solid sample is 0.02 Bq/g.

Sample Requirements

For water samples, a sample size of 1 Litre is normally required. Water samples should be preserved with Nitric acid to a pH of <2. Samples for dissolved thorium must be filtered through a 0.45 µm membrane filter before acidification. For soil or sediment samples a sample size of 0.5 grams is normally required.

Holding time for water samples is 6 months. Holding time for solid, vegetation and frozen animal tissue samples is indefinite.

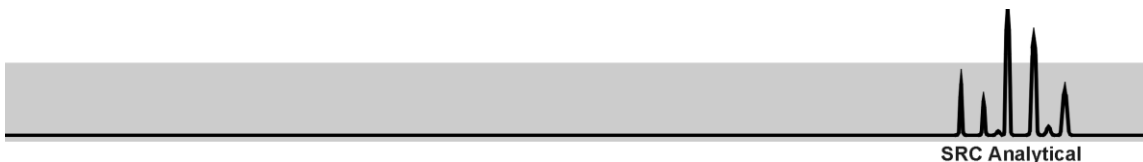
Quality Control:

For each set of samples a blank, calibration check standard and a control sample are analyzed. One of every ten samples is analyzed in duplicate if sufficient sample is available. Each sample is spiked with a known quantity of Th234 which is used to determine the recovery. The tracer recovery is suspect if it is less than 25% or greater than 100%. All quality control results must be within specified limits otherwise corrective action is required.

References:

National Uranium Tailings Program Radioanalytical Methods Manual, NUTP-3E, Canmet, 1986. Canmet Report 78-22.

Compiled November 6, 2009 GS.



Attachment E

**Complete List of Wildlife Observed around
Kiggavik Regional Study Area**

Attachment E. Complete List of Wildlife Observed in the Kiggavik Regional Study Area

Scientific Name	Common Name	Species Code	1979	1980	2007	2008	2009	2010	Status	Abundance
Ungulates										
<i>Rangifer tarandus ssp.groenlandicus</i>	Caribou	RATA	√	√	√	√	√	√	Resident	Common
<i>Ovibos moschatus</i>	Muskox	OVMO	√	-	√	√	√	√	Resident	Uncommon
Predatory Mammals										
<i>Ursus arctos</i>	Grizzly Bear	URAR	√	√	√	√	√	-	Resident	Rare
<i>Canis lupus</i>	Wolf	CALU	√	√	√	√	√	√	Resident	Uncommon
<i>Gulo gulo</i>	Wolverine	GUGU	-	-	√	√	√	√	Resident	Rare
<i>Alopex lagopus</i>	Arctic fox	ALLA	√	√	√	√	√	√	Resident	Uncommon
Small Mammals										
<i>Spermophilus parryi</i>	Arctic ground squirrel	CIPA	√	√	-	-	√	√	Resident	Common
<i>Lepus arcticus</i>	Arctic hare	LEAR	√	√	-	√	√	√	Resident	Uncommon
<i>Lemmus sibiricus</i>	Brown lemming	LESI	√	√	-	-	√	-	Resident	Common
<i>Dicrostonyx torquatus</i>	Collared lemming	DITO	√	√	-	-	√	-	Resident	Common
<i>Mustela erminea</i>	Ermine	MUER	√	√	-	-	√	-	Resident	Rare
<i>Microtus pennsylvanicus</i>	Meadow vole	MIPE	√	√	-	-	-	-	Resident	Common
<i>Clethrionomys rutilus</i>	Red backed vole	CLRU	√	√	-	-	√	-	Resident	Common
Raptors										
<i>Haliaeetus leucocephalus</i>	Bald eagle	BAEA	-	-	√	-	√	-	Summer resident	Rare
<i>Aquila chrysaetos</i>	Golden eagle	GOEA	-	-	-	√	√	-	Migrant	Rare
<i>Falco rusticolus</i>	Gyrfalcon	GYRF	-	√	-	√	-	-	Resident	Rare
<i>Circus cyaneus</i>	Northern harrier	NOHA	-	-	-	-	√	√	Migrant	Rare
<i>Falco peregrinus</i>	Peregrine falcon	PEFA	√	√	√	√	√	√	Summer resident	Uncommon
<i>Buteo lagopus</i>	Rough-legged hawk	RLHA	√	√	-	√	√	√	Summer resident	Uncommon
<i>Asio flammeus</i>	Short-eared owl	SEOW	√	√	-	√	√	√	Summer resident	Rare
<i>Nyctea scandiaca</i>	Snowy owl	SNOW	√	√	-	√	-	√	Migrant	Rare
(not identified)	Unidentified eagle	EAGL	-	-	-	-	√	√		
(not identified)	Unidentified falcon	FALC	-	-	-	√	-	-		
Birds										
<i>Pluvialis dominica</i>	American golden plover	AMGP	√	√	-	√	√	√	Summer resident	Uncommon
<i>Anthus rubescens (or A. spinoletta)</i>	American (or water) pipit	AMPI	√	√	-	√	√	√	Summer resident	Uncommon
<i>Turdus migratorius</i>	American robin	AMRO	-	-	-	-	√	-	Summer resident	Rare
<i>Spizella arborea</i>	American tree sparrow	ATSP	√	-	-	√	√	-	Summer resident	Rare
<i>Gavia arctica</i>	Arctic loon	ARLO	√	√	-	-	-	-	Summer resident	Rare
<i>Sterna paradisaea</i>	Arctic tern	ARTE	√		-	√	√	-	Summer resident	Rare
<i>Calidris bairdii</i>	Baird's sandpiper	BASA	√	√	-	-	√	√	Summer resident	Rare
<i>Pluvialis squatarola</i>	Black-bellied plover	BBPL	-	√	-	-	-	-	Migrant	Rare
<i>Branta hutchinsii</i>	Cackling goose	CKGO	-	-	-	√	√	√	Migrant	Rare
<i>Branta canadensis</i>	Canada goose	CAGO	√	√	-	√	√	√	Summer resident	Common
<i>Gavia immer</i>	Common loon	COLO	√	-	-	√	√	√	Summer resident	Uncommon
<i>Mergus merganser</i>	Common merganser	COME	-	-	-	-	√	√	Migrant	Rare
<i>Chordeiles minor</i>	Common nighthawk	CONI	√	-	-	-	-	-	Accidental	N/A
<i>Corvus corax</i>	Common raven	CORA	√	-	-	√	√	√	Resident	Rare
<i>Carduelis flammea</i>	Common redpoll	CORE	-	-	-	√	√	√	Summer resident	Common
<i>Calidris alpina</i>	Dunlin	DUNL	√	√	-	√	√	√	Summer resident	Rare
<i>Larus hyperboreus</i>	Glaucous gull	GLGU	√	-	-	√	√	√	Migrant	Uncommon
<i>Aythya marila</i>	Greater scaup	GRSC	√	√	-	√	√	√	Summer resident	Uncommon
<i>Anser albifrons</i>	Greater white-fronted goose	GWFG	-	-	-	√	√	√	Summer resident	Uncommon
<i>Anas crecca</i>	Green-winged teal	GWTE	-	-	-	√	√	-	Summer resident	Rare
<i>Larus argentatus</i>	Herring gull	HERG	√	-	-	√	√	√	Summer resident	Uncommon
<i>Carduelis hornemanni</i>	Hoary redpoll	HORE	-	-	-	√	√	√	Summer resident	Rare
<i>Eremophila alpestris</i>	Horned lark	HOLA	√	√	-	√	√	√	Summer resident	Uncommon
<i>Larus glaucoideus</i>	Iceland gull	ICGU	√	-	-	-	-	-	Accidental	N/A
<i>Somateria spectabilis</i>	King eider	KIEI	√	-	-	-	√	-	Summer resident	Rare
<i>Calcarius lapponicus</i>	Lapland longspur	LALO	√	√	-	√	√	√	Summer resident	Common
<i>Calidris minutilla</i>	Least sandpiper	LESA	√	-	-	√	√	√	Summer resident	Rare
<i>Aythya affinis</i>	Lesser scaup	LESC	√	-	-	-	-	-	Accidental	N/A
<i>Clangula hyemalis</i>	Long-tailed duck (oldsquaw)	LTDU	√	√	-	√	√	√	Summer resident	Common
<i>Stercorarius longicaudus</i>	Long-tailed jaeger	LTJA	√	√	-	√	√	√	Summer resident	Uncommon
<i>Anas platyrhynchos</i>	Mallard	MALL	√	-	-	√	-	-	Summer resident	Rare
<i>Colaptes auratus</i>	Northern flicker	NOFL	-	-	-	√	-	-	Accidental	N/A
<i>Anas acuta</i>	Northern pintail	NOPI	√	-	-	√	√	√	Summer resident	Uncommon
<i>Gavia pacifica</i>	Pacific loon	PALO	-	√	-	√	√	-	Summer resident	Rare
<i>Stercorarius borealis</i>	Pomarine jaeger	PBJA	√	√	-	√	√	√	Summer resident	Uncommon

Attachment E. Complete List of Wildlife Observed in the Kiggavik Regional Study Area

Scientific Name	Common Name	Species Code	1979	1980	2007	2008	2009	2010	Status	Abundance
<i>Passerculus sandwichensis</i>	Savannah sparrow	SAVS	√	√	-	√	√	√	Summer resident	Common
<i>Charadrius semipalmatus</i>	Semipalmated plover	SEPL	√	-	-	-	√	√	Summer resident	Rare
<i>Calidris pusilla</i>	Semipalmated sandpiper	SESA	√	-	-	√	√	√	Summer resident	Common
<i>Plectrophenax nivalis</i>	Snow bunting	SNBU	√	-	-	√	√	√	Summer resident	Rare
<i>Chen caerulescens</i>	Snow goose	SNGO	√	-	-	√	√	√	Migrant	Common
<i>Calidris himantopus</i>	Stilt sandpiper	STSA	-	-	-	√	√	√	Summer resident	Uncommon
<i>Larus thayeri</i>	Thayer's gull	THGU	√	-	-	-	-	-	Accidental	N/A
<i>Cygnus columbianus</i>	Tundra swan	TUSW	√	-	-	√	√	√	Summer resident	Rare
(not identified)	Unidentified duck	DUCK	-	-	-	√	√	√	N/A	N/A
(not identified)	Unidentified goose	GOOS	-	-	-	√	√	-	N/A	N/A
<i>Stercorarius</i> sp.	Unidentified jaeger	JAEG	-	-	-	√	√	√	N/A	N/A
<i>Gavia</i> sp.	Unidentified loon	LOON	-	-	-	√	√	-	N/A	N/A
<i>Lagopus</i> sp.	Unidentified ptarmigan	PTAR	-	-	-	√	-	-	N/A	N/A
<i>Carduelis</i> sp.	Unidentified redpoll	REDP	√	√	-	√	√	√	N/A	N/A
(not identified)	Unidentified passerine	PASS	-	-	-	√	√	√	N/A	N/A
(not identified)	Unidentified shorebird	SHOR	-	-	-	√	√	√	N/A	N/A
<i>Cygnus</i> sp.	Unidentified swan	SWAN	-	-	√	-	√	-	N/A	N/A
<i>Zonotrichia leucophrys</i>	White-crowned sparrow	WCSP	-	-	-	√	√	√	Summer resident	Uncommon
<i>Calidris fuscicollis</i>	White-rumped sandpiper	WRSA	√	-	-	-	-	-	Migrant	Rare
<i>Lagopus lagopus</i>	Willow ptarmigan	WIPT	√	-	-	√	√	√	Resident	Common
<i>Gallinago delicata</i>	Wilson's snipe	WISN	-	-	-	√	√	-	Summer resident	Rare
<i>Gavia adamsii</i>	Yellow-billed loon	YBLO	√	-	-	-	-	-	Summer resident	Rare

Any wildlife observed from 1981 to 2006 were incidental observations and available data were incomplete

1979 and 1980 study areas were larger than the current RSA

1979 data from Speller et al. 1979

1980 data from URG 1981 (dataset may be missing some incidental observations, only transect data included)

N/A = Not applicable

- = Not observed

Attachment F

**Raw Chemistry Data for Insect, Small
Mammal/Bird, Caribou, Muskox Tissue**

Attachment G Raw Chemistry Data, Insect Tissue

Parameters	Units	AREVA-KIGGAVIK KIG3-INSECT	AREVA-KIGGAVIK KIG4-INSECT DUP1	AREVA-KIGGAVIK KIG5-INSECT DUP2	8/21/2009 to 8/30/2009 KIG -4 14W 0565229 7146698 INSECTS
		2008	2008	2008	2009
Aluminum	ug/g	27.6	48.7	84.1	20
Antimony	ug/g	0.068	0.091	0.062	<0.1
Arsenic	ug/g	0.032	0.034	0.075	<0.05
Barium	ug/g	77.1	52.3	82.7	160
Beryllium	ug/g	<0.10	<0.10	<0.30	<0.01
Boron	ug/g				2
Cadmium	ug/g	1.23	0.569	0.980	1.8
Chromium	ug/g	1.13	0.83	0.44	5
Cobalt	ug/g	0.126	0.079	<0.060	0.08
Copper	ug/g	30.2	27.5	29.7	24
Iron	ug/g				190
Lead	ug/g	0.266	0.829	0.479	0.15
Manganese	ug/g	81.6	113	45.0	75
Mercury	ug/g	0.0465	0.0379	0.0422	
Molybdenum	ug/g	0.824	0.587	0.627	1.0
Nickel	ug/g	0.57	0.32	0.49	2.5
Selenium	ug/g	0.75	0.52	0.74	0.8
Silver	ug/g	-	-	-	0.22
Strontium	ug/g	24.8	14.9	24.5	35
Thallium	ug/g	0.034	0.021	<0.030	<0.05
Tin	ug/g	<0.050	<0.050	<0.15	<0.05
Titanium	ug/g				0.44
Uranium	ug/g	0.0144	0.0101	0.0280	0.06
Vanadium	ug/g	<0.10	0.16	<0.30	<0.1
Zinc	ug/g	154	109	147	700
Bismuth	ug/g	<0.030	<0.030	<0.090	
Calcium	ug/g	2960	1720	2960	
Lithium	ug/g	<0.10	<0.10	<0.30	
Magnesium	ug/g	1460	1020	1560	
Moisture	%	18.1	35.6	-	
Lead-210	Bq/g	Insufficient Sample to Run Radionuclide Tests			<0.3
Polonium-210	Bq/g				<0.07
Radium-226	Bq/g				<0.06
Thorium-230	Bq/g				<0.1
Thorium-232	Bq/g				<0.1

Attachment G Raw Chemistry Data, Small Mammal and Bird Tissue

Parameters	Units	7/25/2009 KIG 2 TRAP #16 COLLARED LEMMING	7/26/2009 KIG 3 TRAP #26 COLLARED LEMMING	7/29/2009 KIG 3 TRAP #18 & #15 COLLARED LEMMING COMPOSITE	7/29/2009 KIG 3 TRAP #4 COLLARED LEMMING COMPOSITE	7/29/2009 KIG 3 TRAP #24 & #23 COLLARED LEMMING COMPOSITE	8/1/2009 KIG 1 TRAP #9 & #32 RED BACKED VOLE COMPOSITE	8/1/2009 KIG 1 TRAP #20 RED BACKED VOLE	8/31/2009 KIG 4B TRAP #14 RED BACKED VOLE	8/5/2009 KIG 2B TRAP #6 COLLARED LEMMING	8/5/2009 KIG 4B TRAP #19 & #24 RED BACKED VOLE COMPOSITE	8/6/2009 KIG 1 TRAP #27 COLLARED LEMMING
Aluminum	ug/g	2.6	53	19	51	4.3	9.1	1.3	4.0	5.3	17	4.1
Antimony	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Arsenic	ug/g	<0.02	0.11	0.02	0.04	<0.02	0.02	<0.02	0.02	<0.02	<0.02	0.0
Barium	ug/g	36	24	23	21	16	15	32	28	15	9.0	2
Beryllium	ug/g	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Boron	ug/g	0.8	1.1	0.9	0.8	1.0	<0.5	<0.5	<0.5	0.7	<0.5	0.1
Cadmium	ug/g	0.060	0.053	0.032	0.060	0.041	0.010	<0.005	0.011	0.051	0.010	0.1
Chromium	ug/g	<0.2	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt	ug/g	0.056	0.16	0.12	0.17	0.088	0.067	0.078	0.063	0.065	0.080	0.1
Copper	ug/g	2.5	2.2	2.6	2.0	2.4	2.6	2.2	2.4	1.6	2.6	2.1
Iron	ug/g	74	160	77	110	54	86	84	79	47	79	7
Lead	ug/g	0.028	0.17	0.090	0.22	0.096	0.10	0.018	0.065	0.029	0.074	0.09
Manganese	ug/g	12	9.8	8.7	15	11	9.4	12	3.3	5.9	10	1
Mercury	ug/g											
Molybdenum	ug/g	0.07	0.69	0.56	0.73	1.4	0.14	0.22	0.13	0.06	0.19	0.0
Nickel	ug/g	0.12	0.37	0.32	0.24	0.24	0.17	0.17	0.11	0.17	0.22	0.2
Selenium	ug/g	0.05	0.03	0.04	0.04	0.03	0.17	0.07	0.24	0.03	0.19	0.0
Silver	ug/g	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium	ug/g	32	29	26	25	21	6.6	11	13	17	9.5	3
Thallium	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tin	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Titanium	ug/g	0.22	1.4	0.72	1.3	0.17	0.39	0.19	0.24	0.17	0.45	0.2
Uranium	ug/g	0.007	0.016	0.008	0.006	<0.002	0.004	<0.002	0.022	<0.002	0.43	0.00
Vanadium	ug/g	<0.05	0.15	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.0
Zinc	ug/g	33	25	25	26	37	28	34	33	20	26	3
Moisture	%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead-210	Bq/g	0.012	0.005	0.14	0.025	0.14	<0.004	0.048	0.047	0.06	0.13	0.04
Polonium-210	Bq/g	0.012	0.007	0.004	0.004	0.002	0.003	0.001	0.011	0.005	0.020	0.00
Radium-226	Bq/g	<0.001	<0.001	0.002	0.002	<0.001	0.003	0.001	0.003	0.002	0.008	<0.00
Thorium-230	Bq/g	<0.002	0.006	<0.002	<0.002	<0.002	0.004	<0.002	<0.002	<0.003	0.003	<0.00
Thorium-232	Bq/g	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.002	<0.00

ND = No data

Attachment G Raw C

Parameters	Units	8/7/2009 KIG 1 TRAP #6 RED BACKED VOLE	8/9/2009 SIS- 2 TRAP #30 RED BACKED VOLE	8/9/2009 SIS- 2 TRAP #41 COLLARED LEMMING	8/11/2009 SIS- 2 TRAP #33 BROWN LEMMING	8/12/2009 SIS- 2 TRAP #104 COLLARED LEMMING	8/13/2009 SIS- 5 TRAP #18 RED BACKED VOLE	8/14/2009 SIS- 5 TRAP #114 COLLARED LEMMING	8/15/2009 SIS- 5 TRAP #31 RED BACKED VOLE	8/17/2009 SIS- 5 TRAP #43 /#2 SAVANNAH SPARROW COMPOSITE	8/18/2009 SIS- 5 TRAP #24 & #19 COLLARED LEMMING COMPOSITE
Aluminum	ug/g	1.7	2.5	1.2	1.3	1.3	2.5	63	4.5	16	12
Antimony	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Arsenic	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	<0.02	<0.02
Barium	ug/g	49	13	10	17	25	14	23	16	4.8	5.8
Beryllium	ug/g	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Boron	ug/g	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.4	<0.5	<0.5	0.9
Cadmium	ug/g	0.009	0.012	0.045	0.005	0.041	0.010	0.17	0.006	0.015	0.10
Chromium	ug/g	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt	ug/g	0.068	0.036	0.075	0.028	0.069	0.094	0.18	0.036	0.019	0.092
Copper	ug/g	2.0	2.3	2.1	2.3	2.3	5.0	2.2	2.3	2.5	2.7
Iron	ug/g	84	67	45	75	65	88	130	74	110	63
Lead	ug/g	0.050	0.015	0.015	0.018	0.020	0.016	0.093	0.023	0.018	0.040
Manganese	ug/g	18	10	14	7.2	4.6	11	24	14	2.4	11
Mercury	ug/g										
Molybdenum	ug/g	0.16	0.12	<0.05	0.11	0.06	0.13	0.08	0.13	0.08	<0.05
Nickel	ug/g	0.14	0.18	0.13	0.07	0.16	0.08	0.29	0.12	0.09	0.17
Selenium	ug/g	0.10	0.05	0.04	0.07	0.03	0.07	0.05	0.07	0.29	0.03
Silver	ug/g	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium	ug/g	25	6.0	10	7.0	26	6.5	31	9.4	4.8	15
Thallium	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tin	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Titanium	ug/g	0.21	0.20	0.09	0.18	0.20	0.16	0.92	0.24	0.44	0.57
Uranium	ug/g	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.003	0.003	<0.002	<0.002
Vanadium	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	<0.05	0.06	<0.05
Zinc	ug/g	35	24	27	26	33	27	33	29	21	30
Moisture	%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead-210	Bq/g	0.11	0.12	0.15	0.068	0.011	0.15	0.090	0.050	0.029	0.10
Polonium-210	Bq/g	0.003	0.013	0.002	0.004	0.005	0.022	0.022	0.012	0.025	0.004
Radium-226	Bq/g	0.001	0.002	<0.001	<0.001	0.004	0.001	<0.001	<0.001	0.001	0.001
Thorium-230	Bq/g	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thorium-232	Bq/g	<0.002	<0.002	<0.002	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002

ND = No data

Attachment G Raw C

Parameters	Units	8/18/2009 SIS-5 TRAP #12 & #17 COLLARED LEMMING COMPOSITE	8/22/2009 SIS-3 TRAP #61 & #18 RED BACKED VOLE COMPOSITE	8/25/2009 SIS-3 TRAP #104 BROWN LEMMING	8/26/2009 SIS-3 TRAP #93 SAVANNAH SPARROW	8/26/2009 SIS-3 TRAP #30 & #36 RED BACKED VOLE COMPOSITE	8/30/2009 SIS-4 TRAP #24 BROWN LEMMING	7/31/2009 KIG 4B TRAP #8 RED BACKED VOLE	7/31/2009 KIG 4B TRAP #35 BROWN LEMMING	8/28/2009 REF-1 TRAP #8 SAVANNAH SPARROW
Aluminum	ug/g	4.4	2.9	49	1.8	5.3	6.5	5.0	22	14
Antimony	ug/g	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Arsenic	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	<0.02
Barium	ug/g	5.3	15	4.2	20	13	20	53	7.1	4.2
Beryllium	ug/g	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005
Boron	ug/g	0.9	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	ug/g	0.065	0.010	0.042	0.005	0.017	0.014	0.013	0.016	0.018
Chromium	ug/g	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Cobalt	ug/g	0.085	0.048	0.032	0.036	0.046	0.072	0.048	0.083	0.012
Copper	ug/g	2.3	2.5	2.5	2.2	2.5	2.6	2.0	1.9	2.9
Iron	ug/g	54	80	140	80	82	73	84	110	100
Lead	ug/g	0.031	0.028	0.14	0.021	0.034	0.021	0.097	0.095	0.031
Manganese	ug/g	11	6.0	2.1	2.5	6.0	15	3.2	4.4	1.7
Mercury	ug/g									
Molybdenum	ug/g	<0.05	0.13	0.11	0.13	0.15	0.13	0.12	0.13	0.08
Nickel	ug/g	0.21	0.13	0.11	0.07	0.13	0.12	0.07	0.21	0.18
Selenium	ug/g	0.03	0.16	0.27	0.08	0.14	0.05	0.21	0.07	0.35
Silver	ug/g	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Strontium	ug/g	13	10	2.8	9.6	6.1	14	18	6.9	2.6
Thallium	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Tin	ug/g	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Titanium	ug/g	0.19	0.19	1.1	0.19	0.28	0.22	0.23	0.38	0.74
Uranium	ug/g	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.004	0.73	<0.002
Vanadium	ug/g	<0.05	<0.05	0.21	<0.05	<0.05	<0.05	<0.05	0.06	<0.05
Zinc	ug/g	26	29	24	28	25	28	28	16	17
Moisture	%	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead-210	Bq/g	0.082	0.040	0.022	0.02	0.057	0.064	0.29	0.14	0.084
Polonium-210	Bq/g	0.004	0.014	0.028	0.006	0.037	0.013	0.026	0.036	0.014
Radium-226	Bq/g	0.002	<0.001	0.002	0.002	0.001	<0.001	0.002	0.58	0.002
Thorium-230	Bq/g	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Thorium-232	Bq/g	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

ND = No data

Attachment G Raw Chemistry Data, Caribou Tissue

Parameters	Units	2/1/2009 CAR0901- 01B	2/1/2009 CAR0901- 01M	1/31/2009 CAR0901- 01K	1/31/2009 CAR0901- 02B	1/31/2009 CAR0901- 02M	1/31/2009 CAR0901- 03B	1/31/2009 CAR0901- 04B	1/31/2009 CAR0901- 04M	2/1/2009 CAR0901- 05B	2/1/2009 CAR0901- 05M	2/1/2009 CAR0901- 05K	2/1/2009 CAR0901- 05L	2/1/2009 CAR0901- 06B	2/1/2009 CAR0901- 06M	2/1/2009 CAR0901- 06K	2/1/2009 CAR0901- 06L
Aluminum	ug/g	2.9	0.51	0.54	1.9	1.1	<0.02	1.7	2.9	1.3	0.21	0.64	0.38	2.3	0.13	0.34	0.3
Antimony	ug/g	<0.05	<0.02	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	0.04	<0.02	<0.05	<0.02	<0.02	<0.0
Arsenic	ug/g	<0.02	0.04	0.02	<0.02	0.02	<0.02	<0.02	<0.01	<0.02	0.03	0.02	0.01	<0.02	0.03	0.02	0.0
Barium	ug/g	313	0.11	0.69	340	0.1	42	300	0.15	250	0.09	0.76	0.38	290	0.05	0.37	0.1
Beryllium	ug/g	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01	<0.01	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.00
Boron	ug/g	<0.5	<0.2	<0.2	<0.5	<0.2	<0.5	<0.5	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.:
Cadmium	ug/g	<0.01	0.004	5.5	<0.01	<0.002	<0.01	<0.01	0.005	<0.01	0.003	2.8	0.61	<0.01	<0.002	0.6	0.1
Chromium	ug/g	<0.2	0.1	<0.1	<0.2	<0.1	<0.2	<0.2	<0.1	<0.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.
Cobalt	ug/g	0.05	0.015	0.076	0.06	0.004	<0.01	0.04	0.008	0.05	0.007	0.065	0.095	0.05	0.002	0.03	0.06
Copper	ug/g	0.11	2	6.4	0.12	2.1	<0.02	0.07	3.4	0.12	2.5	4.9	22	0.08	2.7	4.4	16
Iron	ug/g	6.1	41	53	4.6	43	0.47	6.1	42	3.4	34	50	180	7.7	38	46	42
Lead	ug/g	5.8	0.01	0.2	1.8	0.002	0.3	2.1	0.012	1.6	0.011	0.15	0.29	2.3	0.002	0.14	0.5
Manganese	ug/g	1	0.37	2.3	1.3	0.43	0.08	0.58	0.56	0.8	0.26	1.8	3.3	0.86	0.3	2.3	.
Mercury	ug/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
Molybdenum	ug/g	0.13	<0.02	0.15	0.1	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	0.11	0.74	<0.05	<0.02	0.14	0.6
Nickel	ug/g	0.18	<0.01	0.02	0.2	<0.01	<0.02	0.17	<0.01	0.16	0.16	<0.01	<0.01	0.17	<0.01	<0.01	<0.0
Selenium	ug/g	0.03	0.18	1.4	0.02	0.15	<0.02	0.04	0.17	0.04	0.18	1.1	0.57	0.04	0.2	0.99	0.4
Silver	ug/g	<0.01	<0.002	<0.002	<0.01	<0.002	<0.01	<0.01	<0.002	<0.01	<0.002	<0.002	0.074	<0.01	<0.002	<0.002	0.1
Strontium	ug/g	255	0.07	0.2	220	0.08	29	210	0.07	186	0.04	0.14	0.04	140	0.03	0.08	0.0
Thallium	ug/g	<0.02	<0.01	<0.01	<0.02	<0.01	<0.02	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.0
Tin	ug/g	<0.02	<0.01	0.02	<0.02	<0.01	<0.02	<0.02	<0.01	<0.02	<0.01	0.02	<0.01	<0.02	<0.01	<0.01	<0.0
Titanium	ug/g	0.79	0.07	0.14	0.65	0.1	0.04	0.64	0.12	0.62	0.07	0.08	0.12	0.57	0.06	0.1	0.1
Uranium	ug/g	0.02	0.02	0.002	0.01	<0.001	<0.01	<0.01	<0.001	<0.01	<0.001	<0.001	0.002	<0.01	<0.001	0.001	<0.00
Vanadium	ug/g	<0.05	<0.02	<0.02	<0.05	<0.02	<0.05	<0.05	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.0
Zinc	ug/g	110	49	28	130	44	10	80	18	110	41	24	28	90	37	22	1
Moisture	%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
Lead-210	Bq/g	2	<0.001	0.12	0.88	<0.001	0.64	0.92	0.001	0.59	<0.001	0.06	0.13	0.91	<0.001	0.06	0.2
Polonium-210	Bq/g	1.3	0.021	0.33	0.64	0.0042	0.48	0.5	0.024	0.42	0.023	0.51	0.47	0.55	0.032	0.27	0.4
Radium-226	Bq/g	0.061	0.00007	0.004	0.042	0.0001	0.052	0.042	0.00006	0.032	<0.00006	<0.002	0.0002	0.016	0.00008	<0.002	<0.0000
Thorium-230	Bq/g	<0.004	<0.0001	<0.004	<0.004	<0.0001	<0.003	<0.003	0.0001	<0.003	<0.0001	<0.004	<0.0001	<0.003	<0.00007	<0.004	0.000
Thorium-232	Bq/g	<0.004	<0.0001	<0.004	<0.004	<0.0001	<0.003	<0.003	0.0003	<0.003	<0.0001	<0.004	<0.0001	<0.003	<0.00007	<0.004	<0.000

ND = No data

Attachment G Raw (

Parameters	Units	2/1/2009 CAR0901- 07B	2/1/2009 CAR0901- 07M	2/1/2009 CAR0901- 07K	2/2/2009 CAR0901- 08L	2/2/2009 CAR0901- 09B	2/2/2009 CAR0901- 09M	2/2/2009 CAR0901- 09K	2/2/2009 CAR0901- 09L	2/2/2009 CAR0901- 10B	2/2/2009 CAR0901- 10M	2/2/2009 CAR0901- 10K	2/2/2009 CAR0901- 10L	2/2/2009 CAR0901- 11B	2/2/2009 CAR0901- 11M	2/2/2009 CAR0901- 11K	5/2/2009 CAR0902 - 12B
Aluminum	ug/g	1.6	0.2	0.23	0.33	0.71	1	0.17	0.36	1.8	0.11	0.25	0.57	3.1	0.83	0.24	5.4
Antimony	ug/g	<0.05	<0.02	<0.02	<0.02	<0.05	0.22	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05
Arsenic	ug/g	<0.02	0.01	0.02	0.01	<0.02	0.02	0.02	0.02	<0.02	0.02	0.01	0.01	<0.02	0.03	0.02	<0.02
Barium	ug/g	429	0.05	1.1	0.3	400	0.16	0.41	0.22	370	0.06	0.42	0.17	240	0.19	0.39	297
Beryllium	ug/g	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.01
Boron	ug/g	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.5
Cadmium	ug/g	<0.01	0.006	3.3	0.62	<0.01	0.007	4.5	0.66	<0.01	0.006	4.8	0.83	<0.01	0.068	5.8	<0.01
Chromium	ug/g	<0.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.2
Cobalt	ug/g	0.06	0.01	0.062	0.089	0.07	0.018	0.062	0.094	0.06	0.004	0.042	0.077	0.05	0.002	0.054	0.03
Copper	ug/g	0.14	4.1	3.1	34	0.13	1.8	4.5	9.6	0.15	2	4.7	13.4	0.09	1.7	3.6	0.15
Iron	ug/g	11	73	68	690	5.6	29	31	350	7.1	28	36	160	8.3	43	43	8.9
Lead	ug/g	5	0.035	0.11	0.41	3.7	0.038	0.11	0.22	3.9	0.002	0.14	0.21	1.9	0.01	0.11	2.9
Manganese	ug/g	1.2	0.43	1.7	3.1	1	0.24	1.9	3	1.3	0.28	2.1	3.2	1.2	0.21	1.6	1.1
Mercury	ug/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	ug/g	<0.05	<0.02	0.11	0.51	<0.05	<0.02	0.13	0.58	<0.05	<0.02	0.13	0.59	0.06	<0.02	0.15	0.33
Nickel	ug/g	0.17	<0.01	0.01	<0.01	0.19	0.02	0.01	<0.01	0.21	0.01	0.02	0.02	0.19	0.02	0.03	0.16
Selenium	ug/g	0.03	0.18	0.82	0.33	0.04	0.18	1.2	0.36	0.05	0.17	1.1	0.4	0.02	0.16	1.1	0.03
Silver	ug/g	<0.01	<0.002	<0.002	0.13	<0.01	<0.002	<0.002	0.043	<0.01	<0.002	<0.002	0.061	<0.01	<0.002	<0.002	<0.01
Strontium	ug/g	257	0.05	0.46	0.12	230	0.12	0.1	0.09	280	0.05	0.13	0.03	130	0.12	0.12	209
Thallium	ug/g	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.02
Tin	ug/g	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	0.02	<0.01	<0.02
Titanium	ug/g	0.7	0.07	0.08	0.11	0.68	0.12	0.08	0.13	0.86	0.06	0.08	0.2	0.69	0.08	0.09	0.68
Uranium	ug/g	<0.01	<0.001	0.001	<0.001	<0.01	0.001	<0.001	0.001	<0.01	<0.001	<0.001	<0.001	0.65	<0.001	<0.001	0.04
Vanadium	ug/g	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.05
Zinc	ug/g	120	23	21	24	110	42	22	19	140	19	20	22	93	48	21	110
Moisture	%	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.57
Lead-210	Bq/g	1.5	<0.001	0.04	0.19	0.93	<0.001	0.04	0.12	1.3	<0.001	0.07	0.13	0.66	<0.001	0.06	1
Polonium-210	Bq/g	1.2	0.03	0.18	0.44	0.71	0.018	0.25	0.32	0.94	0.025	0.36	0.36	0.4	0.018	0.23	0.57
Radium-226	Bq/g	0.041	<0.00007	<0.002	0.0002	0.049	0.0002	<0.002	0.0002	0.022	<0.00007	<0.002	0.0001	0.05	0.0001	0.003	0.074
Thorium-230	Bq/g	<0.004	<0.0002	<0.004	0.04	<0.004	<0.0001	<0.004	<0.0001	<0.003	<0.0001	<0.004	<0.0001	<0.003	<0.0001	<0.004	<0.004
Thorium-232	Bq/g	<0.004	<0.0002	<0.004	<0.01	<0.004	<0.0001	<0.004	<0.0001	<0.003	<0.0001	<0.004	<0.0001	<0.003	<0.0001	<0.004	<0.004

ND = No data

Attachment G Raw (

Parameters	Units	5/2/2009 CAR0902 - 12M	5/2/2009 CAR0902 - 12K	5/2/2009 CAR0902 - 12L	5/2/2009 CAR0902 - 13B	5/2/2009 CAR0902 - 13M	5/2/2009 CAR0902 - 13K	5/2/2009 CAR0902 - 13L	5/2/2009 CAR0902 - 14B	5/2/2009 CAR0902 - 14M	5/2/2009 CAR0902 - 14K	5/2/2009 CAR0902 - 14L	5/1/2009 CAR0902 - 15K	5/1/2009 CAR0902 - 15L	4/26/2009 CAR0902 - 16B	4/26/2009 CAR0902 - 16M	5/4/2009 CAR0902 - 17B
Aluminum	ug/g	1.8	0.69	0.42	2.6	0.76	0.72	0.38	0.66	0.82	0.35	0.14	0.11	0.78	1.9	0.14	1.7
Antimony	ug/g	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.05
Arsenic	ug/g	0.02	0.03	0.02	<0.02	0.05	0.03	0.02	<0.02	0.05	0.02	0.02	0.02	0.02	<0.02	0.05	<0.02
Barium	ug/g	0.2	0.8	0.48	269	0.12	0.87	0.52	364	0.62	0.88	0.33	0.76	0.32	440	0.59	374
Beryllium	ug/g	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.01	<0.002	<0.01
Boron	ug/g	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	0.5	<0.2	<0.2	<0.2	<0.2	<0.5	<0.2	<0.5
Cadmium	ug/g	0.005	1.6	0.4	<0.01	0.012	3.3	0.55	<0.01	0.021	1.1	0.36	3.1	0.87	<0.01	0.014	<0.01
Chromium	ug/g	0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.1	0.2	<0.2	<0.1	<0.2
Cobalt	ug/g	0.009	0.029	0.082	0.03	0.004	0.045	0.07	0.04	0.006	0.039	0.093	0.038	0.089	0.06	0.021	0.04
Copper	ug/g	0.74	4.6	38	0.22	2.1	5	20	0.1	4.2	3.6	32	4.6	31	0.13	2.3	0.19
Iron	ug/g	22	47	290	10	34	39	980	8.6	74	68	190	25	500	7	49	4.7
Lead	ug/g	0.049	0.13	0.45	2.6	0.026	0.12	0.5	1.2	0.018	0.15	0.24	0.12	0.44	2.3	0.015	2.6
Manganese	ug/g	0.31	1.7	3.7	1.2	0.6	1.7	3.6	0.9	0.74	2	3.5	1.8	4.5	1	0.3	1.2
Mercury	ug/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	ug/g	0.46	0.14	0.72	0.3	0.07	0.03	0.33	0.14	0.05	0.1	0.55	0.09	0.61	0.09	0.03	<0.05
Nickel	ug/g	0.06	0.02	0.01	0.15	0.02	0.02	<0.01	0.21	0.02	<0.01	<0.01	<0.01	<0.01	0.16	0.04	0.14
Selenium	ug/g	0.1	1	0.53	<0.02	0.18	1.2	0.43	0.02	0.22	1	0.45	1.2	0.5	0.03	0.2	<0.02
Silver	ug/g	0.002	<0.002	0.19	<0.01	<0.002	<0.002	0.071	<0.01	<0.002	<0.002	0.2	<0.002	0.11	<0.01	<0.002	<0.01
Strontium	ug/g	0.11	0.15	0.04	184	0.06	0.1	0.04	197	0.17	0.2	0.08	0.24	0.14	260	0.34	244
Thallium	ug/g	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02
Tin	ug/g	0.02	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02
Titanium	ug/g	0.38	0.95	1.3	0.6	0.71	0.93	1.2	0.47	0.93	0.99	1	0.91	1.3	0.6	0.8	0.62
Uranium	ug/g	0.032	0.008	0.001	0.02	0.006	0.006	0.001	<0.01	0.002	<0.001	0.008	<0.001	<0.001	<0.01	<0.001	0.01
Vanadium	ug/g	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.05	<0.02	<0.05
Zinc	ug/g	35	22	21	96	48	23	20	86	18	23	20	24	20	95	62	120
Moisture	%	74.55	78.29	72.24	18.46	74.08	78.58	70.16	24.58	73.48	77.8	75.24	80.4	70.45	15.09	72.49	15.55
Lead-210	Bq/g	<0.001	0.09	0.24	1.2	<0.001	0.07	0.14	0.49	0.004	0.036	0.075	0.049	0.26	0.98	<0.003	0.83
Polonium-210	Bq/g	0.028	0.39	0.68	0.57	0.028	0.36	0.27	0.32	0.046	0.29	0.41	0.27	0.43	0.62	0.03	0.45
Radium-226	Bq/g	0.0002	<0.0007	<0.0006	0.084	0.0001	<0.0006	<0.0006	0.043	0.00007	<0.0006	<0.0006	<0.0006	0.001	0.073	<0.0007	0.059
Thorium-230	Bq/g	<0.0001	<0.001	<0.001	<0.004	<0.0001	<0.001	<0.001	<0.003	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.004
Thorium-232	Bq/g	<0.0001	<0.001	<0.001	0.004	<0.0001	<0.001	<0.001	<0.003	<0.0001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.004

ND = No data

Attachment G Raw (

Parameters	Units	5/4/2009 CAR0902 - 17M	5/4/2009 CAR0902 - 17K	5/4/2009 CAR0902 - 17L	5/4/2009 CAR0902 - 18B	5/4/2009 CAR0902 - 18M	5/4/2009 CAR0902 - 18K	5/4/2009 CAR0902 - 18L	5/4/2009 CAR0902 - 19B	5/4/2009 CAR0902 - 19M	5/4/2009 CAR0902 - 19K	5/4/2009 CAR0902 - 19L	5/4/2009 CAR0902 - 20B	5/4/2009 CAR0902 - 20M	5/4/2009 CAR0902 - 20K	5/4/2009 CAR0902 - 20L	5/3/2009 CAR0902 - 21B
Aluminum	ug/g	<0.01	1.4	1.2	4.9	0.06	0.29	0.41	2.7	0.1	0.28	0.14	1.5	0.81	0.55	0.5	1.8
Antimony	ug/g	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05
Arsenic	ug/g	0.04	0.03	0.02	<0.02	0.06	0.02	0.02	<0.02	0.04	0.01	0.02	<0.02	0.04	0.02	0.01	<0.02
Barium	ug/g	0.08	2.8	0.46	389	0.1	1	0.34	440	0.4	0.84	0.43	223	0.14	0.69	0.39	412
Beryllium	ug/g	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01	<0.002	<0.002	<0.002	<0.01
Boron	ug/g	<0.2	1.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.5
Cadmium	ug/g	0.008	3.9	0.76	<0.01	0.004	2.4	0.49	<0.01	0.008	2	0.3	<0.01	0.012	2.8	0.73	<0.01
Chromium	ug/g	<0.1	0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.1	<0.1	<0.1	<0.2
Cobalt	ug/g	0.007	0.058	0.077	0.05	0.003	0.033	0.084	0.04	0.012	0.031	0.069	0.03	0.006	0.038	0.088	0.03
Copper	ug/g	1.7	4.7	29	0.05	1.5	4.5	29	0.11	2.1	4.1	10.3	0.12	3	5.4	30	0.13
Iron	ug/g	34	56	740	5.4	29	41	650	5	87	39	450	7.7	46	47	290	7.2
Lead	ug/g	0.005	0.17	0.46	3.1	0.005	0.14	0.53	2.7	0.009	0.15	0.43	1.1	0.014	0.14	0.34	2.4
Manganese	ug/g	0.19	2.3	4	1	0.26	1.7	3.6	1.1	0.49	1.2	3.8	1.1	0.35	1.8	3.9	1
Mercury	ug/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	ug/g	<0.02	0.17	0.44	0.17	<0.02	0.16	0.6	0.19	0.05	0.08	0.4	0.05	<0.02	0.13	0.65	<0.05
Nickel	ug/g	<0.01	0.03	0.61	0.15	0.05	0.03	0.15	0.15	0.09	0.08	0.02	0.15	0.02	0.07	0.06	0.15
Selenium	ug/g	0.16	1.2	0.4	<0.02	0.15	1.2	0.47	<0.02	0.18	0.76	0.35	<0.02	0.17	1.1	0.42	<0.02
Silver	ug/g	<0.002	<0.002	0.1	<0.01	<0.002	<0.002	0.087	<0.01	<0.002	<0.002	0.072	<0.01	<0.002	0.016	0.077	<0.01
Strontium	ug/g	0.03	1.4	0.05	238	0.06	0.16	0.07	287	0.28	0.14	0.07	122	0.06	0.1	0.05	258
Thallium	ug/g	<0.01	<0.01	<0.01	<0.02	<0.01	0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02
Tin	ug/g	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01	<0.01	<0.02
Titanium	ug/g	0.64	1.2	1.3	1.4	0.62	0.97	1.2	0.56	0.79	0.68	1.2	0.54	0.68	0.97	1.2	0.57
Uranium	ug/g	0.002	0.01	0.017	0.02	0.008	0.021	0.012	0.02	0.011	0.004	<0.001	0.01	0.003	0.003	<0.001	<0.01
Vanadium	ug/g	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05	<0.02	<0.02	<0.02	<0.05
Zinc	ug/g	62	27	26	100	57	20	21	110	47	22	22	96	28	20	30	94
Moisture	%	73.9	78.34	71.45	18.25	74.65	78.17	71.24	17.5	75.19	78.47	70.97	25.26	75.91	77.7	72.11	15.96
Lead-210	Bq/g	0.002	0.095	0.19	1.3	0.003	0.094	0.26	1.1	0.001	0.12	0.19	0.65	0.002	0.075	0.13	0.93
Polonium-210	Bq/g	0.034	0.39	0.36	0.99	0.02	0.39	0.53	0.76	0.034	0.4	0.44	0.36	0.026	0.45	0.52	0.63
Radium-226	Bq/g	0.0002	<0.0006	<0.0006	0.069	0.0001	0.0007	<0.0006	0.064	0.00006	0.001	<0.0006	0.034	<0.00008	<0.0006	0.0008	0.078
Thorium-230	Bq/g	<0.0001	<0.001	<0.001	<0.004	<0.0001	<0.001	<0.001	<0.004	<0.0001	<0.001	<0.001	<0.004	<0.0002	<0.001	<0.001	0.004
Thorium-232	Bq/g	<0.0001	<0.001	<0.001	<0.004	<0.0001	<0.001	<0.001	<0.004	<0.0001	<0.001	<0.001	<0.004	<0.0002	<0.001	<0.001	<0.004

ND = No data

Attachment G Raw (

Parameters	Units	5/3/2009 CAR0902 - 21M	5/3/2009 CAR0902 - 22B	5/3/2009 CAR0902 - 22M	5/3/2009 CAR0902 - 23B	5/3/2009 CAR0902 - 23M	5/3/2009 CAR0902 - 24B	5/3/2009 CAR0902 - 24M	5/3/2009 CAR0902 - 25B	5/3/2009 CAR0902 - 25M	5/3/2009 CAR0902 - 26B	5/3/2009 CAR0902 - 26M	5/3/2009 CAR0902 - 27L
Aluminum	ug/g	0.99	1.8	0.73	1.2	0.66	1.5	0.13	4.9	1.9	1.2	0.76	0.53
Antimony	ug/g	<0.02	<0.05	<0.02	<0.05	<0.02	<0.05	<0.02	<0.05	<0.02	<0.05	<0.02	<0.02
Arsenic	ug/g	0.04	<0.02	0.03	<0.02	0.05	<0.02	0.04	<0.02	0.03	<0.02	0.05	0.02
Barium	ug/g	0.14	415	0.09	340	0.1	386	0.14	331	0.15	416	0.12	0.4
Beryllium	ug/g	<0.002	<0.01	<0.002	<0.01	<0.002	<0.01	<0.002	<0.01	<0.002	<0.01	<0.002	<0.002
Boron	ug/g	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.5	<0.2	<0.2
Cadmium	ug/g	0.008	<0.01	0.013	<0.01	0.006	<0.01	0.003	<0.01	0.013	<0.01	0.004	0.73
Chromium	ug/g	0.1	<0.2	<0.1	<0.2	<0.1	<0.2	<0.1	<0.2	<0.1	<0.2	<0.1	<0.1
Cobalt	ug/g	0.005	0.05	0.01	0.04	0.004	0.04	0.005	0.03	0.006	0.04	0.005	0.084
Copper	ug/g	3.2	0.13	1.8	0.06	2.8	0.15	1.9	0.16	2.1	0.04	2.6	41
Iron	ug/g	40	7	35	6.4	40	10	34	9.7	45	6.5	43	670
Lead	ug/g	0.029	2.4	0.019	1.8	0.017	2.4	0.006	4.6	0.015	1.7	0.02	0.86
Manganese	ug/g	0.39	1.1	0.25	1.1	0.33	1.1	0.28	0.89	0.43	0.85	0.27	3.7
Mercury	ug/g	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	ug/g	0.07	0.08	0.07	<0.05	0.04	0.05	<0.02	0.1	0.04	<0.05	0.04	0.62
Nickel	ug/g	0.04	0.16	0.03	0.16	0.02	0.14	<0.01	0.24	0.07	0.17	0.04	0.07
Selenium	ug/g	0.18	0.02	0.17	0.02	0.21	0.03	0.19	0.05	0.16	<0.02	0.17	0.5
Silver	ug/g	<0.002	<0.01	<0.002	<0.01	<0.002	<0.01	<0.002	<0.01	<0.002	<0.01	<0.002	0.38
Strontium	ug/g	0.07	257	0.05	210	0.04	234	0.09	191	0.12	272	0.1	0.09
Thallium	ug/g	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.01
Tin	ug/g	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	<0.01	<0.02	0.03	<0.02	<0.01	<0.01
Titanium	ug/g	0.75	0.66	0.73	0.63	0.82	0.59	0.73	0.67	0.8	0.64	0.68	1
Uranium	ug/g	0.012	0.01	0.011	0.01	0.17	<0.01	0.002	0.05	0.006	<0.01	0.004	0.005
Vanadium	ug/g	<0.02	<0.05	<0.02	<0.05	<0.02	<0.05	<0.02	<0.05	<0.02	<0.05	<0.02	<0.02
Zinc	ug/g	28	110	60	100	38	93	59	79	33	92	33	28
Moisture	%	74.14	15.3	73.63	22.36	74.73	15.84	74.41	30.45	75.09	20.65	75.54	70.97
Lead-210	Bq/g	0.001	0.96	<0.001	0.72	<0.001	1.2	0.002	1.6	<0.001	0.64	0.007	0.36
Polonium-210	Bq/g	0.024	0.71	0.026	0.49	0.036	0.65	0.023	0.87	0.03	0.42	0.039	0.52
Radium-226	Bq/g	0.00008	0.066	0.0001	0.044	<0.00005	0.087	0.0002	0.053	0.0002	0.054	0.0002	<0.0006
Thorium-230	Bq/g	<0.0001	<0.005	<0.0001	<0.004	<0.0001	<0.004	<0.0001	<0.004	<0.0001	<0.004	<0.0001	<0.001
Thorium-232	Bq/g	<0.0001	<0.005	<0.0001	<0.004	<0.0001	<0.004	<0.0001	<0.004	<0.0001	<0.004	<0.0001	<0.001

ND = No data

Attachment G

**Habitat Characterization of Breeding Bird
(PRISM) Survey Plots**

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Summary)

Control PRISM Plots

PRISM PlotID	Graminoid Tundra	Graminoid/Shrub Tundra	Gravel	Heath Tundra	Heath Upland	Heath Upland/Rock Complex	Lichen Tundra	Rock Association	Sand	Shrub Tundra	Shrub/Heath Tundra	Water	Wet Graminoid	Grand Total
1	6250	8750		64375		4375				20625	15625			120000
2	1875			24375	55625	14375	23750							120000
3			625	18125	13750	72500	2500	11875		625				120000
4			3125	1250	18750	40625		56250						120000
5	8750	18125		46875	5625	3750	1875			6250	8125	4375	16250	120000
6			18750	1875	41250	53125	625				4375			120000
7	1250		6250	15625	6875	26875	8125	41875		3125	10000			120000
8	625	625	4375	23750	35000	31875	3125			625	19375		625	120000
9		2500		66250	7500					15000	9375	5625	13750	120000
10	1250	625	25625	8750	24375	38750	2500	7500		625	8125		1875	120000
11			3125	24375	66250	13125	11250				1875			120000
12*	3750	2500	15625	13750	12500	23750	3125	15000	1250	7500	21250			120000
13				75000	3125		3125			6250	32500			120000
14				76875	29375		1875			7500	4375			120000
15	18125	40000		29375	1875		1250			5625	6875	7500	9375	120000
16				120000										120000
17	5000	19375		48750	1875		625			20625	20625		3125	120000
18	625	10000		11875						51875	26875		18750	120000
19*	3750	10625		36875	625	625	625			32500	31250		3125	120000
20	17500	9375	15625	13750	40625	13125	3125			1875	1250		3750	120000
Grand Total	68750	122500	93125	721875	365000	336875	67500	132500	1250	180625	221875	17500	70625	2400000
	3%	5%	4%	30%	15%	14%	3%	6%	0%	8%	9%	1%	3%	

Mine PRISM Plots

PRISM PlotID	Graminoid Tundra	Graminoid/Shrub Tundra	Gravel	Heath Tundra	Heath Upland	Heath Upland/Rock Complex	Lichen Tundra	Rock Association	Sand	Shrub Tundra	Shrub/Heath Tundra	Water	Wet Graminoid	Grand Total
1*	35000	625		21875		40000	2500				1250	1250	17500	120000
2	38125			80000									1875	120000
3		625		86875						7500	25000			120000
4	58750	1875		40000		5625							13750	120000
5				120000										120000
6	1875			76875	26875		14375							120000
7	7500	6250		63125	4375	31875	3750			1250	1875			120000
8	11875	4375		86250						4375	10000	625	2500	120000
9	28125	36875		16875			1250			9375	16250		11250	120000
10	31875	31875		38750						5625	11875			120000
11	15625	1250		15625	1250	38125					625	17500	30000	120000
12	7500	15000	625	52500	2500	11875	1250	6250		9375	10625		2500	120000
13				115625			4375							120000
14		625	15000	25000	44375	3125	3750		625	5625	21875			120000
15	28125	33125		8125						8125	13125	1250	28125	120000
16	23750	36875		625						2500	3750		52500	120000
17	35625	16875								1250			66250	120000
18	625	5000		28125						69375	16875			120000
19	6250	71875								5625	12500		23750	120000
20	11250	5625		23125	44375	3125	21875			2500	5625		2500	120000
21	6250	98125								1250	6875		7500	120000
22	34375	1875		33750	1875	31250	5625	1250					10000	120000
23	56250	18750		6250		1875				2500	4375		30000	120000
24	7500			26250	8750	68125	2500						6875	120000
25	21875	1875	1250	16250	7500	47500	4375	10000			1250	625	7500	120000
Grand Total	468125	389375	16875	981875	141875	282500	65625	17500	625	136250	163750	21250	314375	3000000
	16%	13%	1%	33%	5%	9%	2%	1%	0%	5%	5%	1%	10%	

* Represents the highest % ELC class within the PRISM plot
 * PRISM plots that have more than one major ELC type

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Control Plots - RSA)

PRISM PlotID	ELC Value	ELC Class	VALUE	COUNT	Area (m²)	% of Plot
1	11	Graminoid Tundra	111	10	6250	5%
1	12	Graminoid/Shrub Tundra	112	14	8750	7%
1	13	Shrub Tundra	113	33	20625	17%
1	14	Shrub/Heath Tundra	114	25	15625	13%
1	15	Heath Tundra	115	103	64375	54%
1	18	Heath Upland/Rock Complex	118	7	4375	4%
2	11	Graminoid Tundra	211	3	1875	2%
2	15	Heath Tundra	215	39	24375	20%
2	16	Heath Upland	216	89	55625	46%
2	17	Lichen Tundra	217	38	23750	20%
2	18	Heath Upland/Rock Complex	218	23	14375	12%
3	5	Gravel	305	1	625	1%
3	6	Rock Association	306	19	11875	10%
3	13	Shrub Tundra	313	1	625	1%
3	15	Heath Tundra	315	29	18125	15%
3	16	Heath Upland	316	22	13750	11%
3	17	Lichen Tundra	317	4	2500	2%
3	18	Heath Upland/Rock Complex	318	116	72500	60%
4	5	Gravel	405	5	3125	3%
4	6	Rock Association	406	90	56250	47%
4	15	Heath Tundra	415	2	1250	1%
4	16	Heath Upland	416	30	18750	16%
4	18	Heath Upland/Rock Complex	418	65	40625	34%
5	1	Water	501	7	4375	4%
5	10	Wet Graminoid	510	26	16250	14%
5	11	Graminoid Tundra	511	14	8750	7%
5	12	Graminoid/Shrub Tundra	512	29	18125	15%
5	13	Shrub Tundra	513	10	6250	5%
5	14	Shrub/Heath Tundra	514	13	8125	7%
5	15	Heath Tundra	515	75	46875	39%
5	16	Heath Upland	516	9	5625	5%
5	17	Lichen Tundra	517	3	1875	2%
5	18	Heath Upland/Rock Complex	518	6	3750	3%
6	5	Gravel	605	30	18750	16%
6	14	Shrub/Heath Tundra	614	7	4375	4%
6	15	Heath Tundra	615	3	1875	2%
6	16	Heath Upland	616	66	41250	34%
6	17	Lichen Tundra	617	1	625	1%
6	18	Heath Upland/Rock Complex	618	85	53125	44%
7	5	Gravel	705	10	6250	5%
7	6	Rock Association	706	67	41875	35%
7	11	Graminoid Tundra	711	2	1250	1%
7	13	Shrub Tundra	713	5	3125	3%
7	14	Shrub/Heath Tundra	714	16	10000	8%
7	15	Heath Tundra	715	25	15625	13%
7	16	Heath Upland	716	11	6875	6%
7	17	Lichen Tundra	717	13	8125	7%
7	18	Heath Upland/Rock Complex	718	43	26875	22%
8	5	Gravel	805	7	4375	4%
8	10	Wet Graminoid	810	1	625	1%
8	11	Graminoid Tundra	811	1	625	1%
8	12	Graminoid/Shrub Tundra	812	1	625	1%
8	13	Shrub Tundra	813	1	625	1%
8	14	Shrub/Heath Tundra	814	31	19375	16%
8	15	Heath Tundra	815	38	23750	20%
8	16	Heath Upland	816	56	35000	29%
8	17	Lichen Tundra	817	5	3125	3%
8	18	Heath Upland/Rock Complex	818	51	31875	27%
9	1	Water	901	9	5625	5%
9	10	Wet Graminoid	910	22	13750	11%
9	12	Graminoid/Shrub Tundra	912	4	2500	2%
9	13	Shrub Tundra	913	24	15000	13%
9	14	Shrub/Heath Tundra	914	15	9375	8%
9	15	Heath Tundra	915	106	66250	55%
9	16	Heath Upland	916	12	7500	6%
10	5	Gravel	1005	41	25625	21%
10	6	Rock Association	1006	12	7500	6%
10	10	Wet Graminoid	1010	3	1875	2%
10	11	Graminoid Tundra	1011	2	1250	1%
10	12	Graminoid/Shrub Tundra	1012	1	625	1%
10	13	Shrub Tundra	1013	1	625	1%
10	14	Shrub/Heath Tundra	1014	13	8125	7%

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Control Plots - RSA)

PRISM PlotID	ELC Value	ELC Class	VALUE	COUNT	Area (m²)	% of Plot
10	15	Heath Tundra	1015	14	8750	7%
10	16	Heath Upland	1016	39	24375	20%
10	17	Lichen Tundra	1017	4	2500	2%
10	18	Heath Upland/Rock Complex	1018	62	38750	32%
11	5	Gravel	1105	5	3125	3%
11	14	Shrub/Heath Tundra	1114	3	1875	2%
11	15	Heath Tundra	1115	39	24375	20%
11	16	Heath Upland	1116	106	66250	55%
11	17	Lichen Tundra	1117	18	11250	9%
11	18	Heath Upland/Rock Complex	1118	21	13125	11%
12	4	Sand	1204	2	1250	1%
12	5	Gravel	1205	25	15625	13%
12	6	Rock Association	1206	24	15000	13%
12	11	Graminoid Tundra	1211	6	3750	3%
12	12	Graminoid/Shrub Tundra	1212	4	2500	2%
12	13	Shrub Tundra	1213	12	7500	6%
12	14	Shrub/Heath Tundra	1214	34	21250	18%
12	15	Heath Tundra	1215	22	13750	11%
12	16	Heath Upland	1216	20	12500	10%
12	17	Lichen Tundra	1217	5	3125	3%
12	18	Heath Upland/Rock Complex	1218	38	23750	20%
13	13	Shrub Tundra	1313	10	6250	5%
13	14	Shrub/Heath Tundra	1314	52	32500	27%
13	15	Heath Tundra	1315	120	75000	63%
13	16	Heath Upland	1316	5	3125	3%
13	17	Lichen Tundra	1317	5	3125	3%
14	13	Shrub Tundra	1413	12	7500	6%
14	14	Shrub/Heath Tundra	1414	7	4375	4%
14	15	Heath Tundra	1415	123	76875	64%
14	16	Heath Upland	1416	47	29375	24%
14	17	Lichen Tundra	1417	3	1875	2%
15	1	Water	1501	12	7500	6%
15	10	Wet Graminoid	1510	15	9375	8%
15	11	Graminoid Tundra	1511	29	18125	15%
15	12	Graminoid/Shrub Tundra	1512	64	40000	33%
15	13	Shrub Tundra	1513	9	5625	5%
15	14	Shrub/Heath Tundra	1514	11	6875	6%
15	15	Heath Tundra	1515	47	29375	24%
15	16	Heath Upland	1516	3	1875	2%
15	17	Lichen Tundra	1517	2	1250	1%
16	15	Heath Tundra	1615	192	120000	100%
17	10	Wet Graminoid	1710	5	3125	3%
17	11	Graminoid Tundra	1711	8	5000	4%
17	12	Graminoid/Shrub Tundra	1712	31	19375	16%
17	13	Shrub Tundra	1713	33	20625	17%
17	14	Shrub/Heath Tundra	1714	33	20625	17%
17	15	Heath Tundra	1715	78	48750	41%
17	16	Heath Upland	1716	3	1875	2%
17	17	Lichen Tundra	1717	1	625	1%
18	10	Wet Graminoid	1810	30	18750	16%
18	11	Graminoid Tundra	1811	1	625	1%
18	12	Graminoid/Shrub Tundra	1812	16	10000	8%
18	13	Shrub Tundra	1813	83	51875	43%
18	14	Shrub/Heath Tundra	1814	43	26875	22%
18	15	Heath Tundra	1815	19	11875	10%
19	10	Wet Graminoid	1910	5	3125	3%
19	11	Graminoid Tundra	1911	6	3750	3%
19	12	Graminoid/Shrub Tundra	1912	17	10625	9%
19	13	Shrub Tundra	1913	52	32500	27%
19	14	Shrub/Heath Tundra	1914	50	31250	26%
19	15	Heath Tundra	1915	59	36875	31%
19	16	Heath Upland	1916	1	625	1%
19	17	Lichen Tundra	1917	1	625	1%
19	18	Heath Upland/Rock Complex	1918	1	625	1%
20	5	Gravel	2005	25	15625	13%
20	10	Wet Graminoid	2010	6	3750	3%
20	11	Graminoid Tundra	2011	28	17500	15%
20	12	Graminoid/Shrub Tundra	2012	15	9375	8%
20	13	Shrub Tundra	2013	3	1875	2%
20	14	Shrub/Heath Tundra	2014	2	1250	1%
20	15	Heath Tundra	2015	22	13750	11%
20	16	Heath Upland	2016	65	40625	34%

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Control Plots - RSA)

PRISM PlotID	ELC Value	ELC Class	VALUE	COUNT	Area (m²)	% of Plot
20	17	Lichen Tundra	2017	5	3125	3%
20	18	Heath Upland/Rock Complex	2018	21	13125	11%

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Mine LSA)

PRISM PlotID	ELC Value	ELC Class	COUNT	Area (m²)	% of Plot
1	1	Water	2	1250	1%
1	10	Wet Graminoid	28	17500	15%
1	11	Graminoid Tundra	56	35000	29%
1	12	Graminoid/Shrub Tundra	1	625	1%
1	14	Shrub/Heath Tundra	2	1250	1%
1	15	Heath Tundra	35	21875	18%
1	17	Lichen Tundra	4	2500	2%
1	18	Heath Upland/Rock Complex	64	40000	33%
2	10	Wet Graminoid	3	1875	2%
2	11	Graminoid Tundra	61	38125	32%
2	15	Heath Tundra	128	80000	67%
3	12	Graminoid/Shrub Tundra	1	625	1%
3	13	Shrub Tundra	12	7500	6%
3	14	Shrub/Heath Tundra	40	25000	21%
3	15	Heath Tundra	139	86875	72%
4	10	Wet Graminoid	22	13750	11%
4	11	Graminoid Tundra	94	58750	49%
4	12	Graminoid/Shrub Tundra	3	1875	2%
4	15	Heath Tundra	64	40000	33%
4	18	Heath Upland/Rock Complex	9	5625	5%
5	15	Heath Tundra	192	120000	100%
6	11	Graminoid Tundra	3	1875	2%
6	15	Heath Tundra	123	76875	64%
6	16	Heath Upland	43	26875	22%
6	17	Lichen Tundra	23	14375	12%
7	11	Graminoid Tundra	12	7500	6%
7	12	Graminoid/Shrub Tundra	10	6250	5%
7	13	Shrub Tundra	2	1250	1%
7	14	Shrub/Heath Tundra	3	1875	2%
7	15	Heath Tundra	101	63125	53%
7	16	Heath Upland	7	4375	4%
7	17	Lichen Tundra	6	3750	3%
7	18	Heath Upland/Rock Complex	51	31875	27%
8	1	Water	1	625	1%
8	10	Wet Graminoid	4	2500	2%
8	11	Graminoid Tundra	19	11875	10%
8	12	Graminoid/Shrub Tundra	7	4375	4%
8	13	Shrub Tundra	7	4375	4%
8	14	Shrub/Heath Tundra	16	10000	8%
8	15	Heath Tundra	138	86250	72%
9	10	Wet Graminoid	18	11250	9%
9	11	Graminoid Tundra	45	28125	23%
9	12	Graminoid/Shrub Tundra	59	36875	31%
9	13	Shrub Tundra	15	9375	8%
9	14	Shrub/Heath Tundra	26	16250	14%
9	15	Heath Tundra	27	16875	14%
9	17	Lichen Tundra	2	1250	1%
10	11	Graminoid Tundra	51	31875	27%
10	12	Graminoid/Shrub Tundra	51	31875	27%
10	13	Shrub Tundra	9	5625	5%
10	14	Shrub/Heath Tundra	19	11875	10%
10	15	Heath Tundra	62	38750	32%
11	1	Water	28	17500	15%
11	10	Wet Graminoid	48	30000	25%
11	11	Graminoid Tundra	25	15625	13%
11	12	Graminoid/Shrub Tundra	2	1250	1%
11	14	Shrub/Heath Tundra	1	625	1%
11	15	Heath Tundra	25	15625	13%
11	16	Heath Upland	2	1250	1%
11	18	Heath Upland/Rock Complex	61	38125	32%
12	5	Gravel	1	625	1%

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Mine LSA)

PRISM PlotID	ELC Value	ELC Class	COUNT	Area (m²)	% of Plot
12	6	Rock Association	10	6250	5%
12	10	Wet Graminoid	4	2500	2%
12	11	Graminoid Tundra	12	7500	6%
12	12	Graminoid/Shrub Tundra	24	15000	13%
12	13	Shrub Tundra	15	9375	8%
12	14	Shrub/Heath Tundra	17	10625	9%
12	15	Heath Tundra	84	52500	44%
12	16	Heath Upland	4	2500	2%
12	17	Lichen Tundra	2	1250	1%
12	18	Heath Upland/Rock Complex	19	11875	10%
13	15	Heath Tundra	185	115625	96%
13	17	Lichen Tundra	7	4375	4%
14	4	Sand	1	625	1%
14	5	Gravel	24	15000	13%
14	12	Graminoid/Shrub Tundra	1	625	1%
14	13	Shrub Tundra	9	5625	5%
14	14	Shrub/Heath Tundra	35	21875	18%
14	15	Heath Tundra	40	25000	21%
14	16	Heath Upland	71	44375	37%
14	17	Lichen Tundra	6	3750	3%
14	18	Heath Upland/Rock Complex	5	3125	3%
15	1	Water	2	1250	1%
15	10	Wet Graminoid	45	28125	23%
15	11	Graminoid Tundra	45	28125	23%
15	12	Graminoid/Shrub Tundra	53	33125	28%
15	13	Shrub Tundra	13	8125	7%
15	14	Shrub/Heath Tundra	21	13125	11%
15	15	Heath Tundra	13	8125	7%
16	10	Wet Graminoid	84	52500	44%
16	11	Graminoid Tundra	38	23750	20%
16	12	Graminoid/Shrub Tundra	59	36875	31%
16	13	Shrub Tundra	4	2500	2%
16	14	Shrub/Heath Tundra	6	3750	3%
16	15	Heath Tundra	1	625	1%
17	10	Wet Graminoid	106	66250	55%
17	11	Graminoid Tundra	57	35625	30%
17	12	Graminoid/Shrub Tundra	27	16875	14%
17	13	Shrub Tundra	2	1250	1%
18	11	Graminoid Tundra	1	625	1%
18	12	Graminoid/Shrub Tundra	8	5000	4%
18	13	Shrub Tundra	111	69375	58%
18	14	Shrub/Heath Tundra	27	16875	14%
18	15	Heath Tundra	45	28125	23%
19	10	Wet Graminoid	38	23750	20%
19	11	Graminoid Tundra	10	6250	5%
19	12	Graminoid/Shrub Tundra	115	71875	60%
19	13	Shrub Tundra	9	5625	5%
19	14	Shrub/Heath Tundra	20	12500	10%
20	10	Wet Graminoid	4	2500	2%
20	11	Graminoid Tundra	18	11250	9%
20	12	Graminoid/Shrub Tundra	9	5625	5%
20	13	Shrub Tundra	4	2500	2%
20	14	Shrub/Heath Tundra	9	5625	5%
20	15	Heath Tundra	37	23125	19%
20	16	Heath Upland	71	44375	37%
20	17	Lichen Tundra	35	21875	18%
20	18	Heath Upland/Rock Complex	5	3125	3%
21	10	Wet Graminoid	12	7500	6%
21	11	Graminoid Tundra	10	6250	5%
21	12	Graminoid/Shrub Tundra	157	98125	82%
21	13	Shrub Tundra	2	1250	1%
21	14	Shrub/Heath Tundra	11	6875	6%

Attachment G Habitat Characterization of Breeding Bird (PRISM) Survey Plots (Mine LSA)

PRISM PlotID	ELC Value	ELC Class	COUNT	Area (m²)	% of Plot
22	6	Rock Association	2	1250	1%
22	10	Wet Graminoid	16	10000	8%
22	11	Graminoid Tundra	55	34375	29%
22	12	Graminoid/Shrub Tundra	3	1875	2%
22	15	Heath Tundra	54	33750	28%
22	16	Heath Upland	3	1875	2%
22	17	Lichen Tundra	9	5625	5%
22	18	Heath Upland/Rock Complex	50	31250	26%
23	10	Wet Graminoid	48	30000	25%
23	11	Graminoid Tundra	90	56250	47%
23	12	Graminoid/Shrub Tundra	30	18750	16%
23	13	Shrub Tundra	4	2500	2%
23	14	Shrub/Heath Tundra	7	4375	4%
23	15	Heath Tundra	10	6250	5%
23	18	Heath Upland/Rock Complex	3	1875	2%
24	10	Wet Graminoid	11	6875	6%
24	11	Graminoid Tundra	12	7500	6%
24	15	Heath Tundra	42	26250	22%
24	16	Heath Upland	14	8750	7%
24	17	Lichen Tundra	4	2500	2%
24	18	Heath Upland/Rock Complex	109	68125	57%
25	1	Water	1	625	1%
25	5	Gravel	2	1250	1%
25	6	Rock Association	16	10000	8%
25	10	Wet Graminoid	12	7500	6%
25	11	Graminoid Tundra	35	21875	18%
25	12	Graminoid/Shrub Tundra	3	1875	2%
25	14	Shrub/Heath Tundra	2	1250	1%
25	15	Heath Tundra	26	16250	14%
25	16	Heath Upland	12	7500	6%
25	17	Lichen Tundra	7	4375	4%
25	18	Heath Upland/Rock Complex	76	47500	40%