

2011 Surface Work

On the

Keynote Property

	East Block	
Keynote 66 to 126	(YD57530 to YD57590)	
	West Block	
Keynote 1 to 65	(YD57465 to YD57529)	
KN 127 to 130	(YD65657 to YD65660)	
KN 131 to 172	(YE25201 to YE25242)	
KN 173 to 174	(YD132393 to YD132394)	

Mayo Mining District, Yukon

NTS Sheet 105M14 (Keno Hill)

Keynote East 63°49'N. Lat., 135°03'W. Long.

Keynote West 63°51'N. Lat., 135°20'W. Long

Operated by and Recorded to

Mark Fekete and Karl Ziehe

By

Mark Fekete, P.Geo. and Ben Dubois, B.Sc., G.I.T

March 26, 2012

Summary

From September 8 to September 12, 2011 Breakaway Exploration Management Inc. performed a reconnaissance, ridge and spur soil geochemical survey on the 173-claim (3,400ha) Keynote property located just north of Mayo Lake approximately 45km northeast of Mayo, Yukon. The goal of the work was to identify potential gold-bearing structures by outlining anomalous gold-in-soil trends.

The Property includes two claim blocks spaced less than 10km apart. The Keynote East claims cover an area of ~1,200 hectares and the Keynote West claims cover ~2,200 hectares within the Mayo Mining District. The claims are held under the Yukon Quartz Mining Act by Mark Fekete (50%) of Val d'Or, Quebec and Karl Ziehe (50%) of Whitehorse, Yukon.

Keynote is located in an isolated part of Yukon with relatively few local resources or infrastructure. Access is restricted due to a lack of usable roads on or adjacent to the Property. The primary means of access is by helicopter from the town of Mayo. The best season for exploration is during the summer months from mid-May to mid-October.

There is limited documented exploration work and there are no mineral showings known on the Property. It lies on the southern edge of the Keno Hill Silver Camp which is historically Canada's second largest primary silver producer and known to be one of the richest silver districts in the world. No mining was undertaken in the camp from 1989 until 2011 when Alexco Resources Corp. resumed silver production at the Bellekeno mine.

Regionally, the Mayo Lake area lies northwest of the Tintina Fault within the Selwyn Basin. The Selwyn Basin is disrupted by folding and faulting, and is divided into three tectonic sheets by the Dawson, Tombstone, and Robert Service thrusts. These tectonic sheets were subsequently intruded by the northwest trending Mid-Cretaceous Tombstone Suite and the Late Cretaceous McQueston Suite. Together these intrusive suites are commonly referred to as the Tombstone Belt.

Locally the Keynote West block lies above the Robert Service Thrust and is underlain by Hyland Group schists and phyllites. Most of the the Keynote East block lies on the footwall side of the thrust and is underlain mainly by the Keno Hill Formation quartzite and schist with some Galena Suite gabbro. The southwestern corner of this block lies above the thrust and is underlain by Hyland Group rocks.

The Property lies in an underexplored part of the loosely defined and Tintina Gold Belt. This metallurgical province has past production of 29.9 million ounces and 39.3 million ounces of resources for total gold resources of 69.2 million ounces. Notable gold deposits are Donlin Creek, Ft. Knox, Pogo, Brewery Creek and Dublin Gulch.

The Keynote property is being explored for a relatively new deposit type characterized by gold only mineralization genetically related to cooling felsic intrusions known reduced Intrusion-Related Gold System or "reduced IRGS-type". IRGS-type deposits are large, low-grade systems that are more amenable to detailed, widespread geochemical surveys rather than focused prospecting and sampling of easily identifiable quartz veins. Detailed geochemical surveys have proven to be effective in the adjacent Dawson Range area, as shown by prospector Shawn Ryan's success on the White and Coffee properties.

A total of 733 soil geochemical samples were collected with hand augers at 50m sample intervals on predetermined GPS ridge and spur traverse lines. The samples were dried, sieved to -80 mesh size and analyzed for 36 elements (including gold) by 15 gram Aqua Regia digestion, ICP-MS finish.

The Keynote East block is the most prospective part of the Property based on the 2011 soil sampling results. A 1500m section of the traverse line on the eastern side of Keynote East contains many moderate to strong gold-in-soil values up to a maximum of 150ppb Au with coincident elevated arsenic values up to 2615ppm As and silver values up to 2.1 ppm Ag. The gold potential of the Keynote West block appears

less prospective for gold but a number of silver anomalies should be followed up. The first zone is located in the southwest corner of the block and shows intermittent strong silver values up to 2.6ppm Ag over a distance of 1000m. A second area is located on the east side of the mountain at the center of the property. This area shows values ranging from 1.9 to 5.5ppm Ag over a continuous distance of 100m. The third area is located in the northeast corner of the block and shows values ranging from 1.3 to 3.1ppm to over a continuous distance of 100m.

The 2011 surface work met its primary goal of identifying anomalous geochemical areas that may potentially be gold-bearing structures, as well as several areas prospective for silver mineralization. More detailed soil sampling in combination with prospecting and rock sampling is required to evaluate the gold potential of Keynote East and the silver potential of Keynote West. Detailed soil geochemical grids and several days of prospecting and rock sampling are recommended at an estimated cost of \$40,000.

Certificate of Qualifications

I, Mark Fekete, having my place of residence at 178 Dennison Boulevard in Val d'Or in the Province of Quebec do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from the University of British Columbia in 1986, I have been engaged as a Geologist continuously since 1986 and I am a Member in good standing of the Order of Geologists of Quebec (OGQ #553) and the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC #31440), and I am a "qualified person" as defined in Section 1.2 in and for the purposes of National Instrument 43-101;
2. I have visited the Keynote property on several occasions most recently in September 2011;
3. I co-wrote and I am, as the senior author and qualified person, responsible for the contents of this technical report entitled "2011 surface work on Keynote property, Mayo Mining District, Yukon" based on my professional experience, a review of relevant reports and maps made available to me from government and corporate sources and my participation in the work programs described in the report;
4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;
5. I hold a 50% direct interest in the Keynote property as a result of my prior involvement with the property; and
6. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 26th day of March 2012,

(s) "*Mark Fekete*"

Mark Fekete, P.Geol.

Certificate of Qualifications

I, Ben Dubois, having my place of residence at 7 Main street, Paris Ontario, do hereby certify that:

1. I obtained a Bachelor of Science Degree in Geology from Acadia University in May 2011, I have been engaged as a Geologist in Training (“GIT”) continuously since May 2011, and I am not a “qualified person” as defined in Section 1.2 in and for the purposes of National Instrument 43-101;
2. I have visited the Keynote property on several occasions most recently in September 2011;
3. I co-wrote this technical report “2011 surface work on Keynote property, Mayo Mining District, Yukon,” under the supervision of Mark Fekete, P.Geo.;
4. I am not aware of any material fact or material change with respect to the subject matter of the report that is not disclosed in the report which, by its omission, makes the report misleading;
5. I hold no direct interest in the Keynote property as a result of my prior involvement with the property; and
6. I have read, and this report has not been prepared for the purposes, nor in full compliance with, National Instrument 43-101 and according to Form 43-101F1.

Respectfully submitted this 26th day of March 2012,

(s) “*Ben Dubois*”

Ben Dubois, B.Sc., G.I.T.

Table of Contents

Summary	ii
Certificate of Qualifications	iv
Certificate of Qualifications	v
Table of Contents	vi
List of Figures	vi
List of Tables.....	vii

1. Introduction and Terms of Reference	1
2. Reliance on Other Experts	1
3. Location and Property Description	1
4. Accessibility, Local Resources, Infrastructure, Physiography and Climate	4
5. Exploration History	5
6. Adjacent Properties.....	5
7. Geology	6
7.1. Introduction	6
7.2. Regional Geological Setting.....	6
7.3. Local and Property Geology.....	6
8. Deposit Types	10
9. Mineralization.....	11
10. 2011 Exploration Work	11
10.1. Introduction	11
10.2. Sampling and Analytical Procedures.....	11
10.3. Data Verification	19
10.4. Results	19
11. Mineral Processing and Metallurgical Testing.....	19
12. Mineral Resource and Mineral Reserve Estimates.....	19
13. Other Relevant Data and Information	19
14. Interpretation of Results and Conclusions.....	19
15. Recommendations	20
16. References	20

Appendix A - Statement of Work Expenditures

Appendix B - Sample Locations and Descriptions

Appendix C - Appendix D - Analytical Certificates

List of Figures

Figure 1 - General Location	2
Figure 2 - Claim Map	3
Figure 3 - Yukon Tectonic Map	7
Figure 4 - Regional Geology	8
Figure 5 - Property Geology.....	9
Figure 6 - Tintina Gold Belt	10
Figure 7 - Soil Sample Locations Keynote West.....	12
Figure 8 - Soil Sample Locations Keynote East.....	13
Figure 9 - Gold Anomalies Keynote West	14
Figure 10 - Gold Anomalies Keynote East.....	15
Figure 11 - 2011 Arsenic Anomalies.....	16
Figure 12 - 2011 Antimony Anomalies	17
Figure 13 - 2011 Silver Anomalies.....	18

List of Tables

Table 1 - List of Claims.....	1
Table 2 - Previous Assessment Work Files	5
Table 3 - MINFILE Showings.....	5
Table 4 - Estimated Budget	20

1. Introduction and Terms of Reference

Breakaway Exploration Management Inc. (“Breakaway”) was engaged to carry out surface exploration on the Keynote property (“Keynote” or the “Property”) in Yukon in 2011. This technical report (the “Report”) describes the 2011 work which consisted of a soil geochemical sampling survey. The goal of the survey was to identify areas of anomalous gold-in-soil trends that may be related to gold bearing structures.

The Report is based primarily on the results of the work completed on Keynote in 2011 but also contains information obtained from a review of relevant reports and maps cited throughout the Report. The Report was prepared by Geologist in Training Ben Dubois (the “Junior Author”) under the supervision of Professional Geologist Mark Fekete (the “Senior Author”). The Authors have visited and personally inspected the Property most recently in September 2011. The Senior Author is the designated “qualified person” as defined in Section 1.2 in and for the purposes of National Instrument 43-101. The main purpose of the Report is to complete statutory assessment work filings required under the Yukon Quartz Mining Act. It is not intended to and does not fully comply with National Instrument 43-101. The Report contains specific recommendations and proposes a budget for further work.

The metric system is used for all units of measure mentioned in the Report and all dollar amounts are in Canadian funds unless otherwise stated. All figures presented in the Report are plotted in map projection UTM NAD 83, Zone 7 unless otherwise stated.

2. Reliance on Other Experts

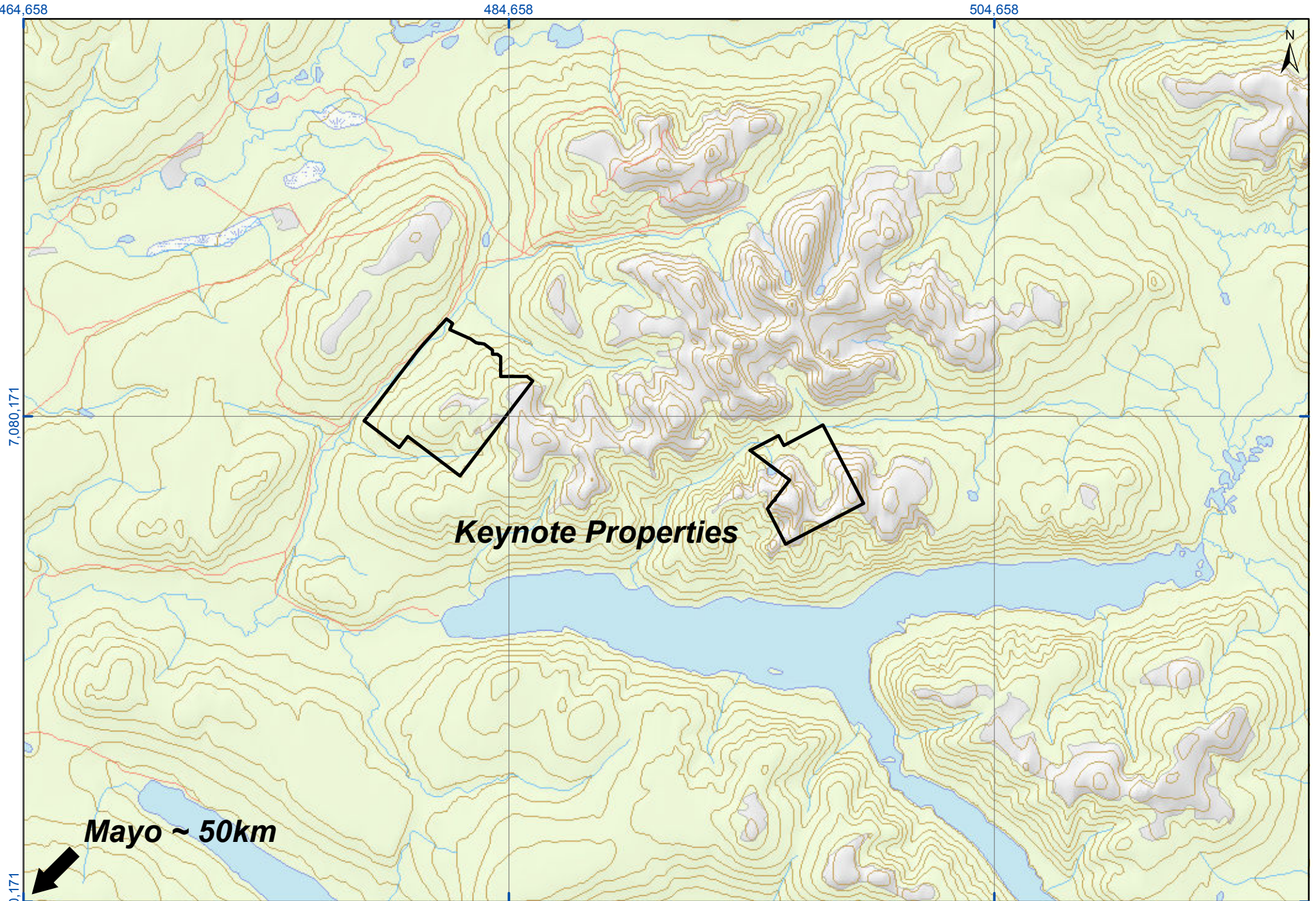
The Authors may have relied on technical data and interpretations found in various sources cited throughout the report. The Authors may not have verified this information and take no responsibility for its accuracy or completeness. Reference to the compliance or non-compliance with NI 43-101 standards of historical information and data referred to in this Report are made where appropriate. The Authors do not offer any opinion concerning legal, title, environmental, political or other non-technical issues that may be relevant to the Report. The Report may contain links to several web-sites. The Authors take no responsibility for the functionality or content of these websites.

3. Location and Property Description

The Property includes two claim blocks spaced less than 10km apart. The Keynote East claims cover an area of ~1,200 hectares and the Keynote West claims cover ~2,200 hectares within the Mayo Mining District of Yukon. Both claim blocks are located a few kilometers north of Mayo Lake, roughly 45 kilometers northeast of Mayo (Figure 1). The approximate center of the Keynote East claim block is described by 63°49’North Latitude and 135°03’ West Longitude, whereas the centre of the Keynote West block is 63°51’North Latitude, 135°20’West Longitude. Both blocks appear on NTS map sheet 105M14 (Keno Hill). The claims are held by Mark Fekete (50%) of Val d-Or, Quebec and Karl Ziehe (50%) of Whitehorse, Yukon. At the date of this Report the claims were still recorded in the stakers’ names. In total, the Property includes 173 un-surveyed titles (Figure 2) more fully described in Table 1 below.

Table 1 - List of Claims

Claim Name No.	Tag No.	Expiry Date	#
East Block			
Keynote 66 to 126	YD57530 to YD57590	30-March-12	60
West Block			
Keynote 1 to 65	YD57465 to YD57529	30-March-12	65
KN 127 to 130	YD65657 to YD65660	19-April-12	4
KN 131 to 172	YE25201 to YE25242	19-April-12	42
KN 173 to 174	YD132393 to YD132394	19-April-12	2
		Total	173

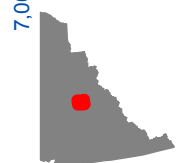
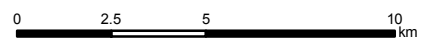


Keynote Properties

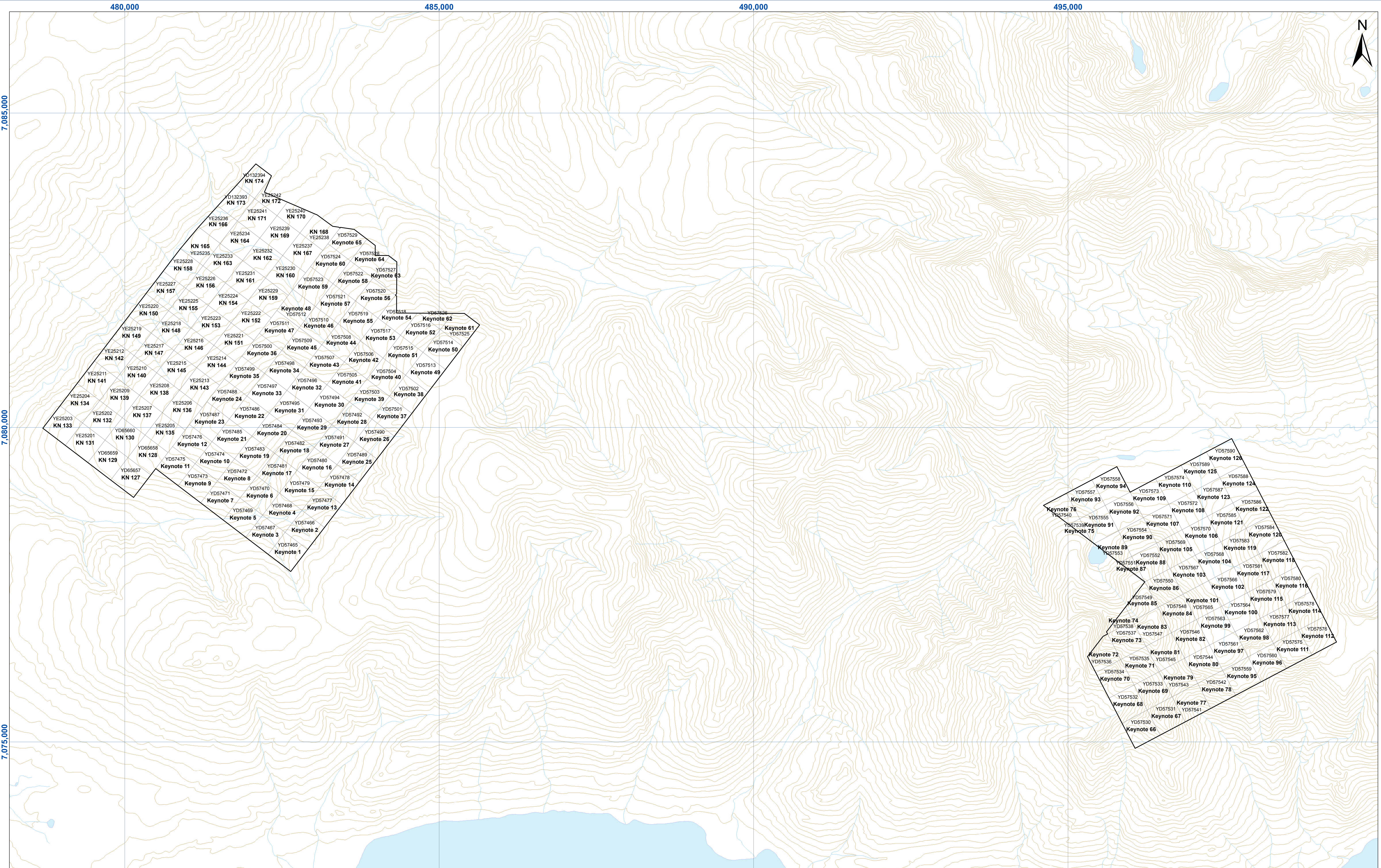
Mayo ~ 50km

**KEYNOTE PROPERTIES
Figure 1. GENERAL LOCATION**

Universal Transverse Mercator Zone 8
World Geodetic System 1984
Scale 1:200 000

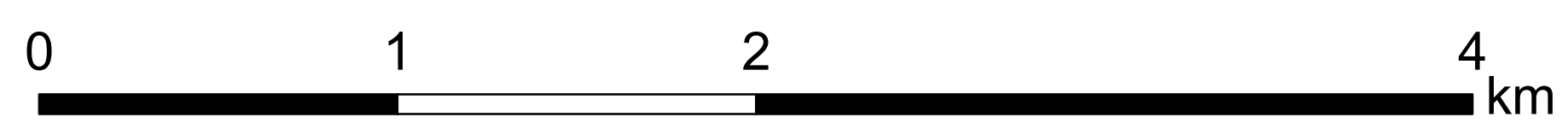


Keynote Properties
Figure 1. General Location
Breakaway Exploration Mgmt.
NTS Sheet: 105M
Date: November 8, 2011



KEYNOTE PROPERTIES
Figure 2. CLAIM MAP

Universal Transverse Mercator Zone 8
 World Geodetic System 1984
 Scale 1:18 000



Keynote Properties
 Figure 2. Claim Map
 Breakaway Exploration Mgmt.
 NTS Sheet: 105M/14
 Date: November 6, 2011

The mineral claims included in the Property were acquired under the Yukon Quartz Mining Act which grants only the hard rock mineral rights to the claim holder. The surface rights for the area of the Property are held by the Crown. To maintain the claims in good standing, a minimum of \$100 assessment work per claim must be completed annually. There are provisions to apply for more than one year work at a time up to a maximum of five years, to apply work from one claim to other adjoining claims (grouping) up to a maximum of 750 contiguous claims and to pay cash in lieu of work up to a maximum of five years. The Quartz Mining Land Use Regulations consist of a classification system based on varying levels of specific activities. These threshold levels categorize exploration activities into four classes of operation. Classes 1 through 4 represent activities with increasing potential to cause adverse environmental impacts.

Activities within a Class 1 program are defined as “grassroots” exploration with low potential to cause adverse environmental effects, and where activities and reclamation are completed within a year. A Class 1 program does not require government approval but the operator must comply with the certain operating conditions. An assessment under the Yukon Environmental and Socio Economic Assessment Act (“YESAA”) is not required for a Class 1 program. The work described in this Report was completed as a Class 1 program.

Class 2 programs are considered to represent the upper level of “grassroots” exploration activities. A notification submitted through the Mining Lands Office which outlines the activities and how they will be reclaimed is required. These programs comprise activities that have a moderate potential to cause adverse environmental effects and therefore require an assessment through YESAA. All work and reclamation must be completed within one year.

All Class 3 and Class 4 programs require submission of a detailed “Operating Plan” to the Mining Lands Office. A YESAA assessment is required. The Operating Plan must be approved before any exploration activities can be undertaken. Operating Plans may entail multi-year exploration programs to allow greater flexibility for the operator.

The work described in this Report was completed as a Class 1 Program.

4. Accessibility, Local Resources, Infrastructure, Physiography and Climate

Access to the Property is restricted due to a lack of usable roads on or adjacent to the Property. The primary means of access is by helicopter from the town of Mayo. The Duncan Creek Road passes along the western boundary of the Keynote West block (Figure 2).

The Keynote property is located in an isolated part of Yukon with relatively few local resources or infrastructure. Exploration can be done from Mayo or from a camp on the property supported from Mayo, where services are limited, or from Whitehorse where a full range of services are available including line-cutting, geophysics, drilling, assaying, aircraft charters etc.

The Mayo area has undergone glaciation in the middle Pleistocene, demonstrating cordilleran and montane glacial features. Much of the Property lies above tree-line. In the alpine, talus slopes are common and bedrock is typically exposed or covered by moss. Below the tree line bedrock is typically overlain by deeply weathered overburden. Elevations on the Property range from 1,100m to 2,000m above sea level. Below tree line the Property is covered by a typical boreal mixture of pine, spruce, balsam fir, aspen, birch, willow and alder brush.

The Mayo area is characterized by a semi-arid, sub-arctic continental climate with mild to hot summers and cold winters. Precipitation is generally light in the summer and overall clear skies and warm temperatures prevail. Heavy morning fog can be a problem for aircraft especially towards the end of the summer season. Forest fires are common and thick smoke at times may impede exploration work. Maximum snow accumulations in the winter are typically less than two meters. Due to the northerly latitude of the region, summer days are long and winter days very short. The best season for exploration is during the summer months from mid-May to mid-October. Although it is possible to work during the winter months, costs rise exponentially due to cold temperatures, inclement weather and short daylight hours.

5. Exploration History

The following exploration history of the Property has been compiled from the Yukon Energy and Mines and Resources Library and Yukon Geological Survey MINFILE database. There has been limited documented exploration work performed on the Property itself. However, it lies in the southern part of the heavily explored Keno Hill Silver Camp. All known assessment reports that describe work done adjacent to and within the boundaries of the present Property in whole or in part are listed in Table 2 below.

Table 2 - Previous Assessment Work Files

Company	Year	AFR No.	Author	Work	Link
Northwestern Explorations Ltd.	1956	017466	G.A. Noel	Mapping, sampling	094021.pdf
Teck Corporation Ltd.	1979	090486	A.R. Archer	Soil Sampling	090486.pdf
Expatriate Resources Ltd	2000	094140	T.C. Becker	Mapping, prospecting, sampling	094140.pdf

There are a number of mineral showings documented within and adjacent to the area of the Property listed in Table 3 below:

Table 3 - MINFILE Showings

MINFILE No.	MINEFILE Name	Link
105M 065	Nadar	105M 065
105M 047	Mt. Albert	105M 047
105M 023	Parent	105M 023
105M 076	Goldrock	105M 076
105M 052	Mt. Hinton	105M 052
105M 022	Fisher	105M 022

In 1955 Northwestern Explorations Ltd. performed geological mapping and collected plant, soil and water geochemical samples in order to test for silver-lead-zinc mineralization toward the center of the Keynote West claim block along Parent Creek. This work was done to follow up a “hydro-geochemical” anomaly identified by the Geological Survey of Canada (“GSC”) the previous year. The water test results confirmed the GSC anomaly but no source mineralization was found (AFR No. 017466).

In 1979 Teck Corporation Ltd. performed a 343-sample soil sampling program on Keno Hill, a few kilometers northwest of the Property. The samples were analyzed for silver, lead and zinc. No significant geochemical responses were detected and no surface mineralization was found (AFR No. 090486).

In 1999 Expatriate Resources Ltd. performed geological mapping, prospecting and a soil geochemical survey on the 67 Fischer claims a few kilometers northwest of Keynote West. Sampling was focused on an area of mineralized float found by prospecting. A total of 182 soil samples were taken, 132 of which were taken over a grid at 50m spacings along lines 100m apart. The grid samples returned scattered moderate to strong gold values up to a maximum of 620ppb. The erratic pattern of the gold was believed to be caused by variable till cover (AFR No. 094140).

6. Adjacent Properties

There is currently no lode gold mineralization deposits discovered on or near the Property. The Property lies on the southern edge of the Keno Hill Silver Camp which is historically Canada’s second largest primary silver producer and known to be one of the richest silver districts in the world. The MINFILE database states that between 1913 and 1989, the Keno Hill Silver Camp produced more than 217 million ounces of silver with average grades of 40.52 ounces per ton silver, 5.62% lead and 3.14% zinc. From 1946 to 1989, the District was consolidated and operated by United Keno Hill Mines Ltd. (“UKHM”). UKHM was forced into receivership in 1989 by depressed silver prices, undercapitalization and environmental regulatory pressures. In 2006 Alexco Resources Corp. acquired the Keno Hill assets from UKHM's receiver. Alexco has undertaken an extensive digital compilation of all the historical production and exploration records which were acquired as part of the UKHM assets, initiated an ongoing

comprehensive modern exploration program and returned Keno Hill to a producing silver district with the start of commercial production at the new Bellekeno mine as of January 1, 2011.

The Authors have not verified the information made public on these adjacent properties and caution that **any such information is not necessarily indicative of the mineralization on the Keynote property.** However, this information does indicate that the Keno Hill Silver Camp has well documented silver potential and is perhaps underexplored for its gold potential.

7. Geology

7.1. Introduction

The following geological description is derived from regional compilation maps by Gordey and Makepeace (2000) and descriptions by Héon (2007) and Hart (2002). Roots (1997) discusses the geology of the Mayo area in detail and Murphy (1997) discusses the adjacent McQueston River region.

7.2. Regional Geological Setting

The Mayo Lake area is located between the Tintina Fault to the southwest and the Selwyn-Wernecke Mountains of the Mackenzie Range to the northeast and lies within the Selwyn Basin (Figure 3). The Selwyn Basin is part of the Cordilleran Miogeocline: a sedimentary package of Precambrian to Middle Jurassic rocks that were deposited along the western margin of the ancestral North American craton. The basin is characterized by thick accumulations of clastic sediments, with a significant component of black shales and cherts. These deep water basin-type rocks interfinger with, are bound by and grade into shallower-water platform-type carbonates of the Mackenzie Platform to the northeast and of the Cassiar Platform to the southwest.

Middle to late Mesozoic deformation is marked by folds and northeasterly directed thrust faults. The Selwyn Basin is divided into three tectonic sheets by three such faults called from north to south the Dawson, Tombstone, and Robert Service thrusts. Subsequent folding has caused the rocks of each sheet to have upright to locally inclined moderate to tight folds. The northeast trending McQueston Anticline has disrupted this folding pattern as well as the parallel normal faults of the Keno Hill and Haggart Creek areas within the Mayo Lake region.

The layered rocks were subsequently intruded by the northwest trending Mid-Cretaceous Tombstone Suite and the Late Cretaceous McQueston Suite. Together these intrusive suites are commonly referred to as the Tombstone Belt which occurs as a broad arc across west-central Yukon that is truncated in the Dawson City area by the Tintina Fault. Movement along this fault has resulted in approximately 450km of dextral offset aligning the Yukon Tombstone Belt with a similar belt of intrusive rocks in the Fairbanks area of Alaska.

7.3. Local and Property Geology

The Keno Hill district (Figure 4) is largely underlain by interbedded Mississippian phyllitic quartzite, carbonaceous phyllite and massive to well foliated quartzite with lesser limestone of the Keno Hill Formation, which was historically referred to as the “Keno Hill Quartzite” or “Central Quartzite”. An underlying carbonaceous phyllite sequence, informally called the “Lower Schist”, is assigned to the Middle to Late Devonian Earn Group. Amphibole-chlorite diorite and gabbro sills locally termed “greenstone” intrude the layered strata. These sills belong to the Triassic Galena Suite. The Robert Service Thrust Fault emplaces metamorphosed clastic rocks including shale, sandstone, grit, conglomerate, and limestone rocks of the Upper Proterozoic to Lower Cambrian Hyland Group (locally called “Upper Schist”) over the Keno Hill Formation.

The Keynote West block lies above the Robert Service Thrust and is underlain by Hyland Group schists and phyllites. Most of the the Keynote East block lies on the footwall side of the thrust and is underlain mainly by the Keno Hill Formation quartzite and schist with some Galena Suite gabbro. The southwestern corner of this block lies above the thrust and is underlain by Hyland Group rocks.

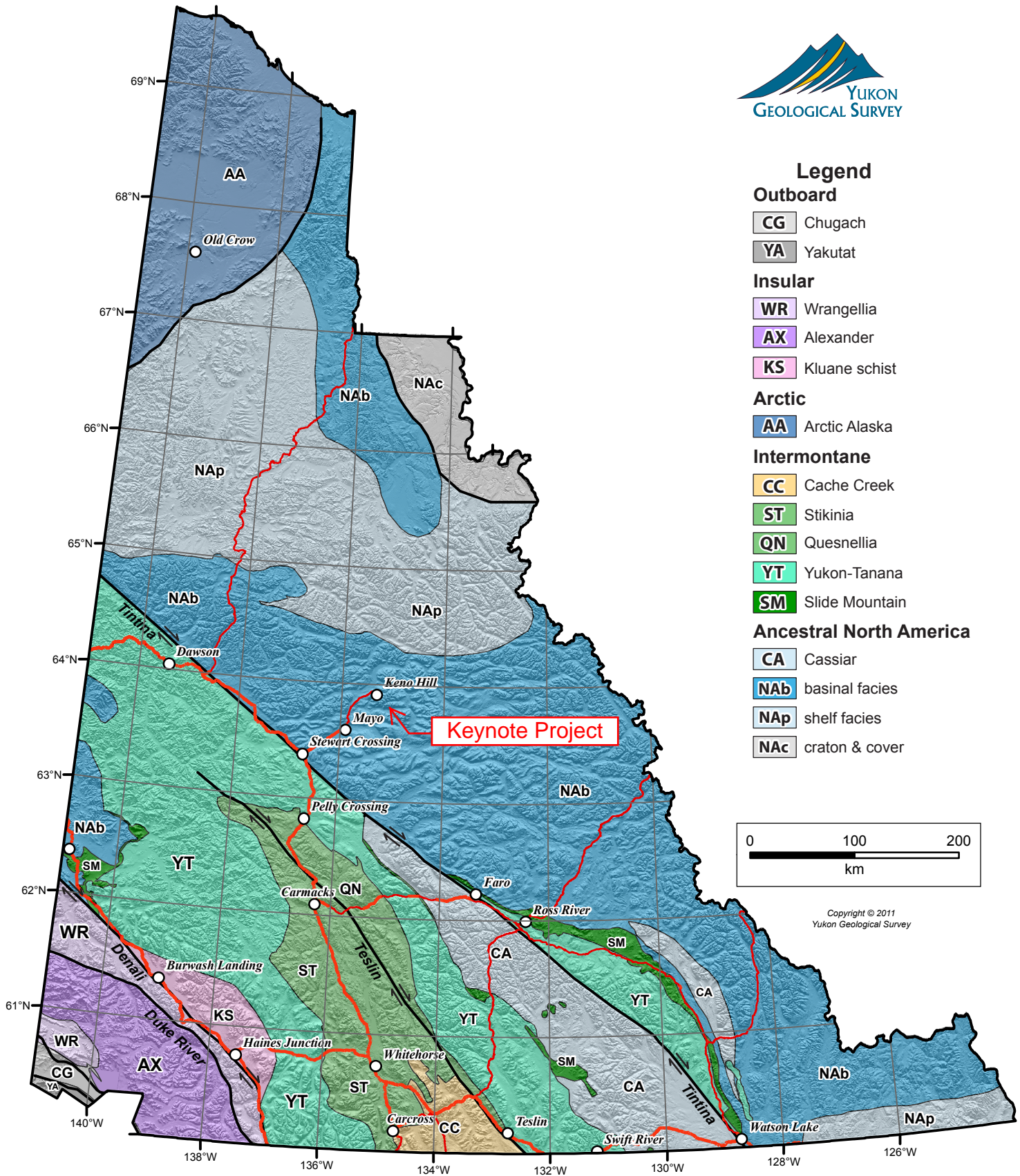
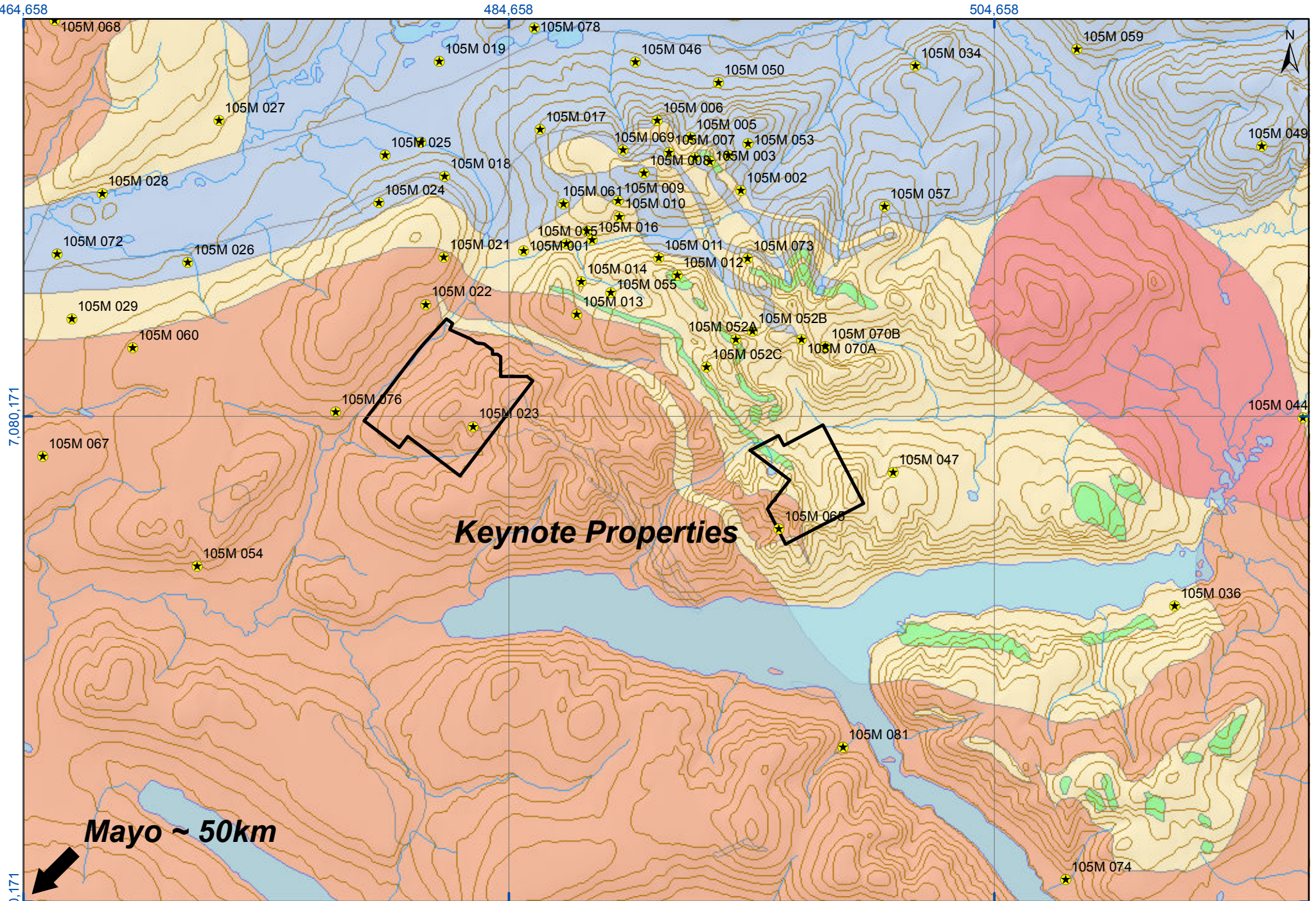


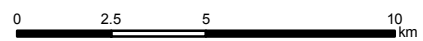
Figure 3 - Yukon Tectonic Map



Keynote Properties

**KEYNOTE PROPERTIES
Figure 3. REGIONAL GEOLOGY**

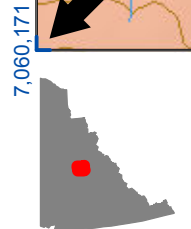
Universal Transverse Mercator Zone 8
World Geodetic System 1984
Scale 1:200 000

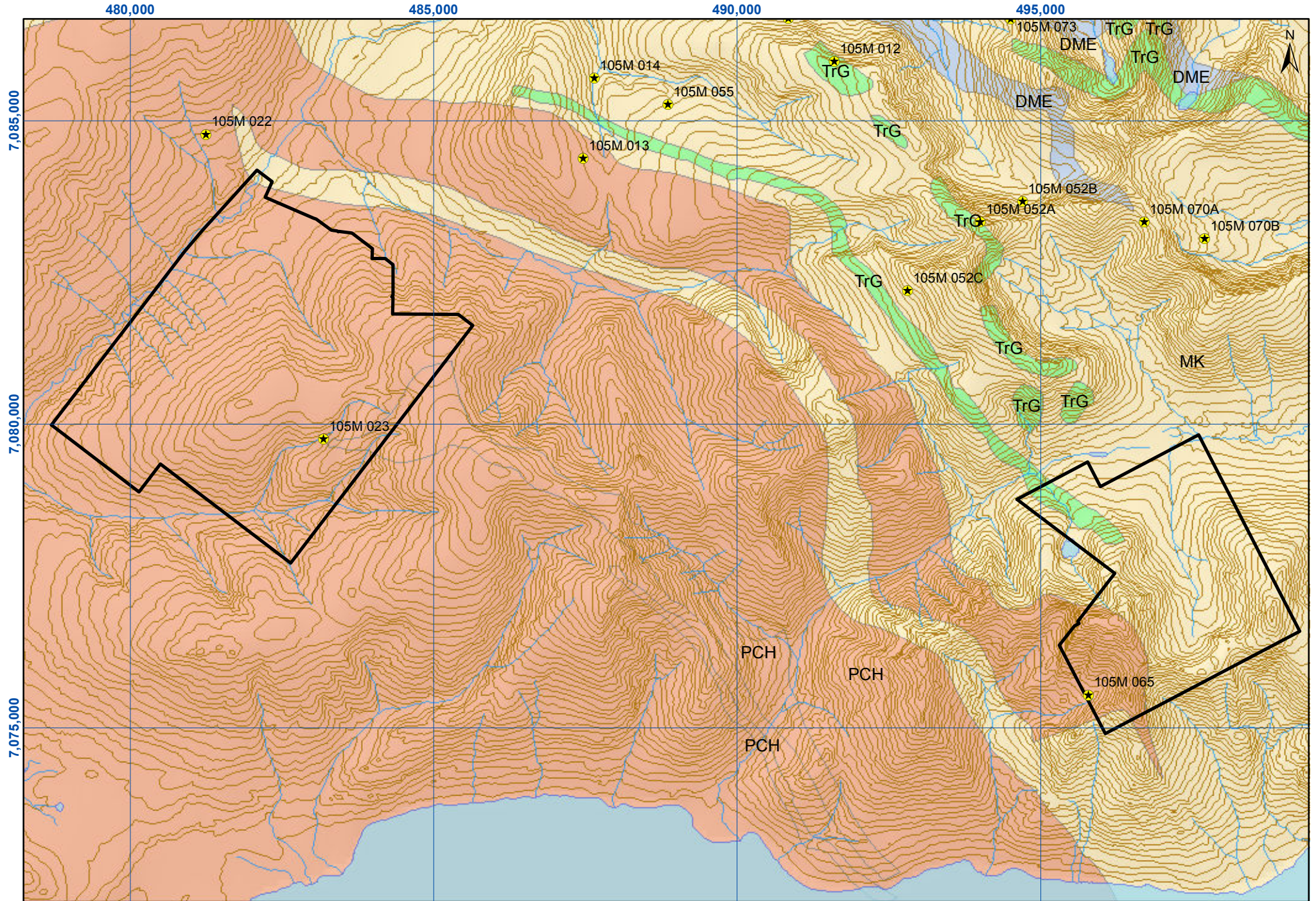


★ Mineral Occurance

Keynote Properties
Figure 3. Regional Geology
Breakaway Exploration Mgmt.
NTS Sheet: 105M
Date: November 8, 2011

Mayo ~ 50km





480,000

485,000

490,000

495,000

7,085,000

7,080,000

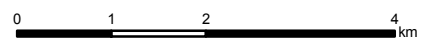
7,075,000



 Mineral Occurrence

KEYNOTE PROPERTIES
Figure 4. PROPERTY GEOLOGY

Universal Transverse Mercator Zone 8
 World Geodetic System 1984
 Scale 1:40 000



Keynote Properties
 Figure 4. Property Geology
 Breakaway Exploration Mgmt.
 NTS Sheet: 105M/14
 Date: November 8, 2011

Both the Robert Service Thrust Fault and its wall rocks are intruded by the Roop Lakes Pluton, a 100 square kilometer elliptical stock that lies about 10 kilometers due east of the Keystone East block.

8. Deposit Types

The exploration effort at Keynote is directed towards gold although the Property lies in the Keno Hill Silver Camp. The Authors assume that the Property has been well prospected on surface for Keno-type silver-lead-zinc veins due to its close proximity to Keno City. Exploration for gold in the past was probably likewise limited to prospecting and sampling easily identifiable surface quartz veins.

The Property lies within an underexplored part of the loosely defined and Tintina Gold Belt. This metallurgical province has past production of 29.9 million ounces and 39.3 million ounces of resources for total gold resources of 69.2 million ounces. Notable gold deposits are Donlin Creek, Ft. Knox, Pogo, Brewery Creek and Dublin Gulch.

The Tombstone Gold Belt is host to a wide variety of mineral deposit types. Locally, skarn and replacement style gold mineralization are found to dominate at McQuesten and Snowdrift deposits in contrast to sheeted vein-type mineralization characteristic of Dublin Gulch and Scheelite Dome.

Figure 6 - Tintina Gold Belt



Since 1999, a new deposit type characterized by gold only mineralization genetically related to cooling felsic intrusions has been emerging in Yukon and Alaska. This type is generally referred to as reduced Intrusion-Related Gold System or “reduced IRGS” (Hart, 2005). This deposit type is very difficult to classify because it may include diverse mineralization styles depending on proximity to the intrusion within the country rock. Also it shares features common to orogenic deposits leading to misclassification.

Some key features of reduced IRGS-type deposits include:

- a) a subalkalic, intermediate to felsic, reduced ilmenite intrusion (i.e. low magnetic footprint);
- b) carbonic hydrothermal fluids;
- c) a metal assemblage with Bi, W, As, Mo, Te, and/or Sb and low concentrations of base metals; and
- d) a low sulphide mineral content, mostly <5 vol%, with a reduced ore mineral assemblage that typically comprises arsenopyrite, pyrrhotite and pyrite and lacks magnetite or hematite.
- e) restricted, commonly weak hydrothermal alteration.

Sharp thermal gradients and fluids rapidly exsolving from cooling plutons lead to diverse deposit styles and metal zoning. The most distinctive style of gold mineralization in reduced IRGS are sheeted arrays of parallel, low-sulphide, single-stage quartz veins which are found over widths 10s to 100s of metres. These veins are unlike multidirectional stockworks characteristic of porphyry systems or tensional vein arrays typical of orogenic deposits. Sheeted veins typically show Au-Bi-Te-W metal associations and are often spatially related to aplite and pegmatite dykes. Mineralized zones found further out from the pluton within the hornfelsed country rock aureole will typically include replacements, disseminations and veins marked by Au-As-Sb metal associations. Low angle (thrust) faults offer areas of structurally prepared wall-rock favourable for this style of mineralization. Carbonate-rich country rocks may lead to contact or distal Au-W skarns. Reduced IRGS-type deposits are best developed in intrusions that were emplaced into stable ancient continental miogeoclinal sedimentary or metasedimentary sequences margins located well behind orogenic belts or subduction-related magmatic arcs. Typically they are intruded millions of years after regional deformation.

Exploration for reduced IRGS-type deposits requires a fundamentally different approach to exploration than for orogenic vein-type gold. They are large, low-grade systems that are more amenable to detailed, widespread geochemical surveys rather than focused prospecting and sampling of easily identifiable quartz veins. Detailed geochemical surveys have proven to be effective in the adjacent Dawson Range area, as shown by prospector Shawn Ryan's success on the White and Coffee properties.

9. Mineralization

Very little *in-situ* mineralization has been identified on the Property to date. A number of quartz veins and quartz breccias have been uncovered with or without disseminated sulphides.

10. 2011 Exploration Work

10.1. Introduction

Exploration work in 2011 entailed a 733-sample ridge and spur soil geochemical survey across the Property. Field work commenced on September 8, 2011 and was completed on September 12, 2011. The analytical work was done by ACME Labs from September 25 to December 9, 2011. A detailed Statement of Work is included herein as Appendix A. The Junior Author compiled the field data into digital maps and wrote this Report up to March 26, 2012.

10.2. Sampling and Analytical Procedures

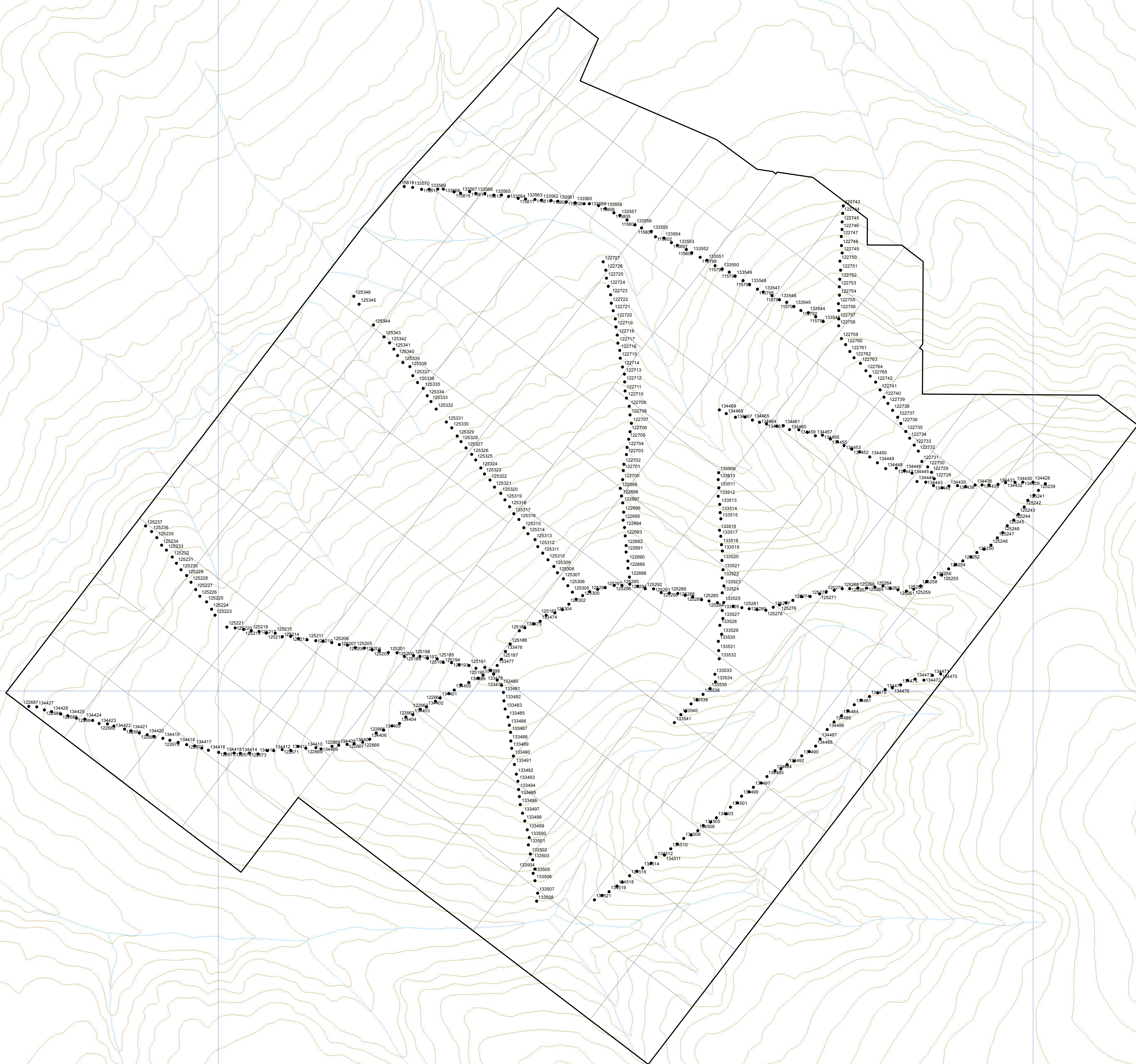
The soil sampling work was completed on foot by a crew that flew daily by helicopter to the Property from Mayo. Reconnaissance samples were collected with hand augers at 50m sample intervals on predetermined GPS ridge and spur traverse lines. This sampling array was chosen in an attempt to cover the entire property on a limited budget in such a way that would indicate potential gold bearing anomalies that could be followed up with detailed grid sampling.

Sample locations were tagged in the field and recorded with HP iPAQ 200 series field computers running GeoInfoMobile and Tierra Mapper software paired with Holux GPS receivers in map datum UTM WGS 84 Zone 8N. Sample locations (Figures 7 & 8) and descriptions are included as Appendix B. A data CD is also included. Soil sample material varied from clay to sand with some humus samples. Sample depth varied from 10 to 120cm with an average depth of 49cm.

Soil samples were placed in Kraft-type paper bags with the appropriate sample numbers marked in indelible ink. Batches of samples were subsequently dried, sealed in rice bags and shipped to Acme Analytical Laboratories Ltd. ("Acme") in Vancouver, B.C. for analysis. Samples were dried and sieved to - 80 mesh size and analyzed for 36 elements (including gold) by 15 gram Aqua Regia digestion, ICP-MS finish (Appendix C). Acme is accredited under ISO 9001.

480,000

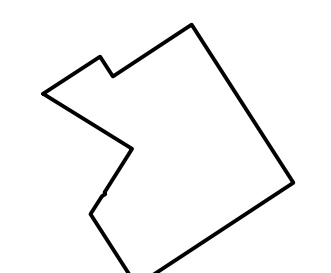
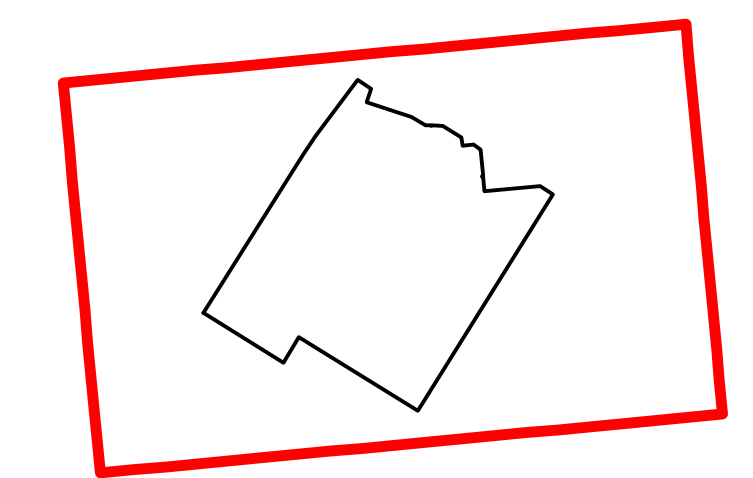
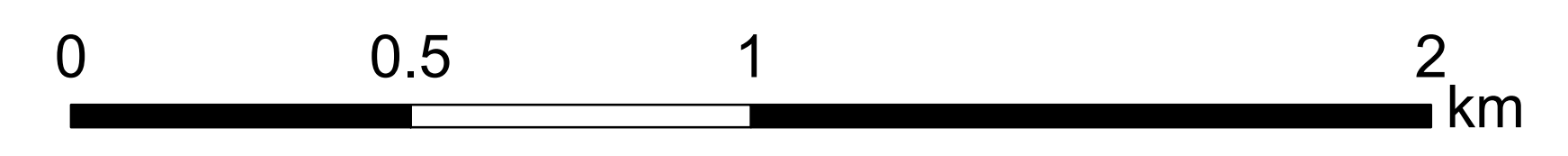
485,000



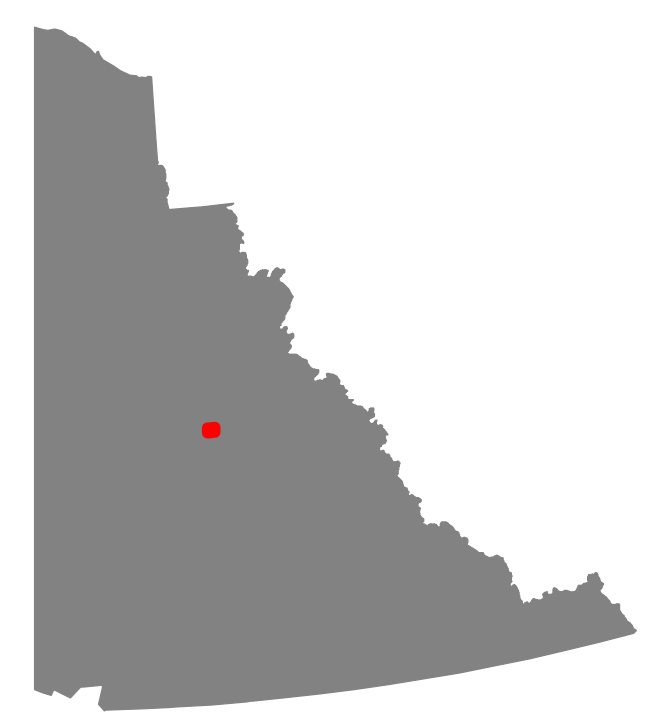
7,080,000

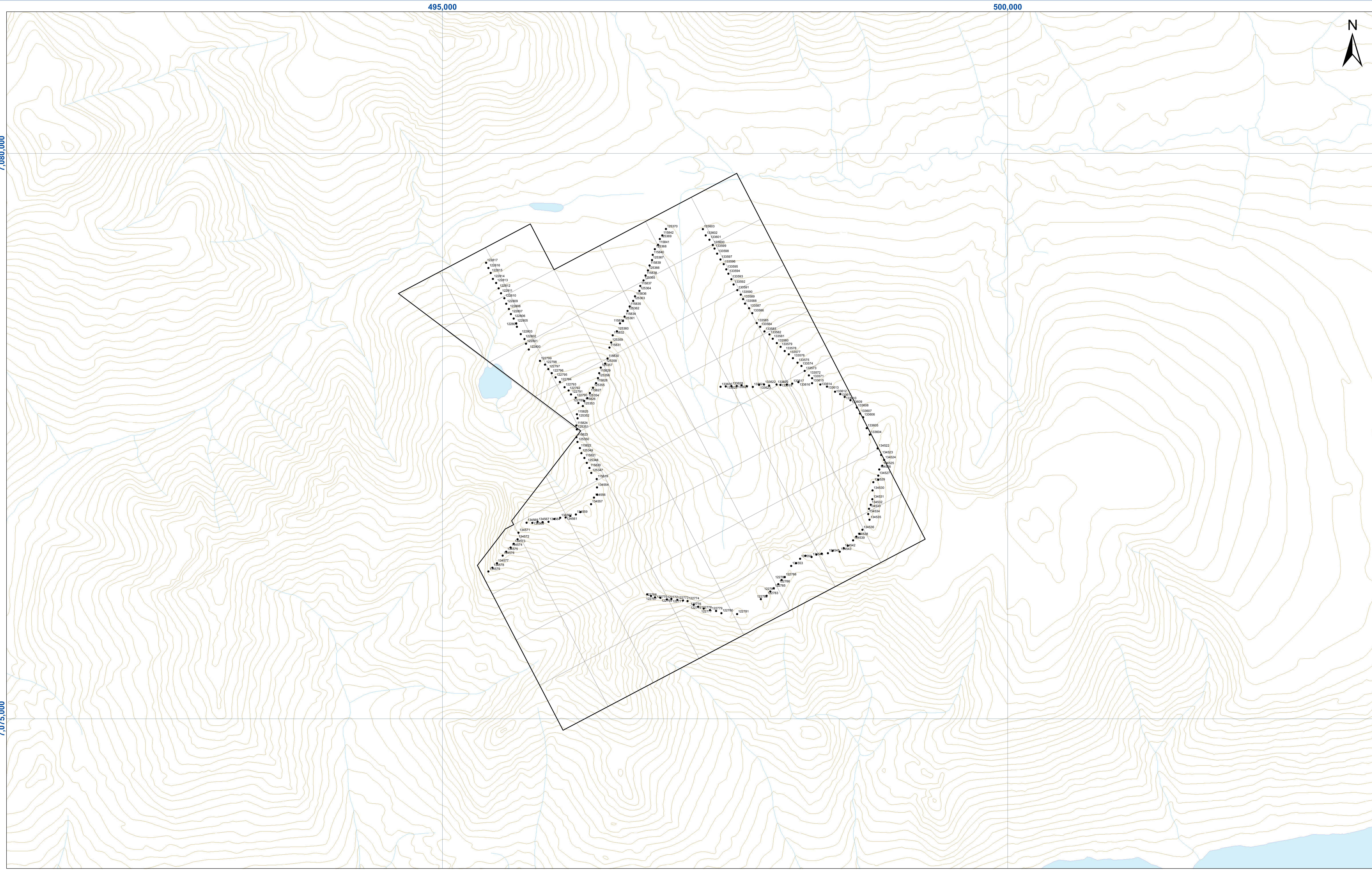
KEYNOTE PROPERTIES
Figure 5. SAMPLE LOCATIONS WEST CLAIMS

Universal Transverse Mercator Zone 8
 World Geodetic System 1984
 Scale 1:10 000



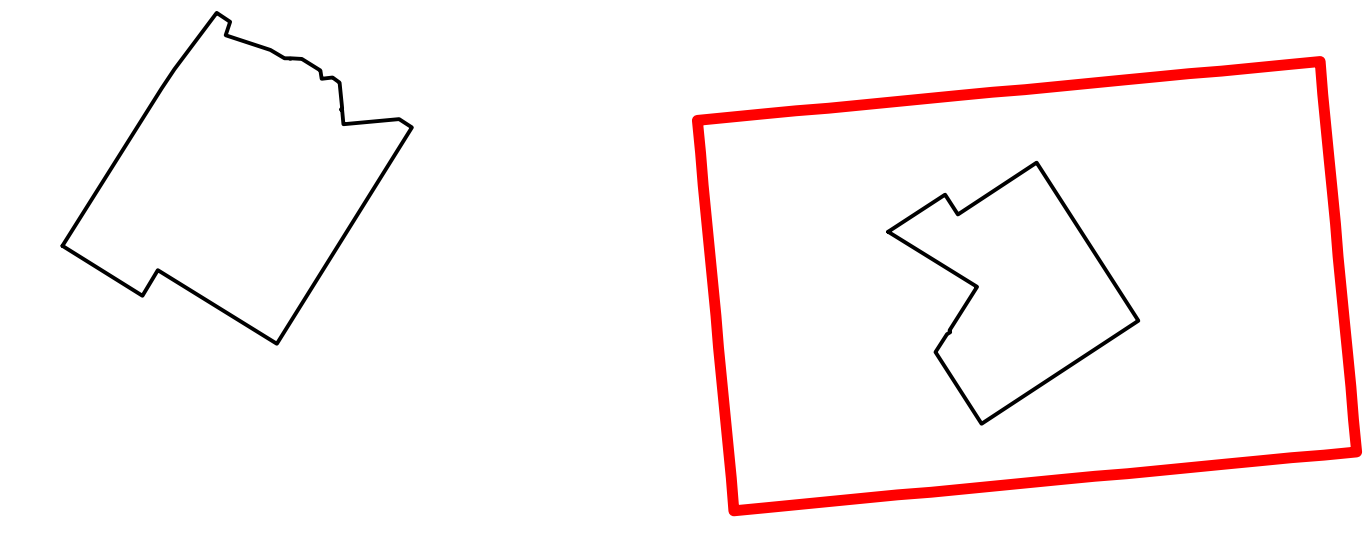
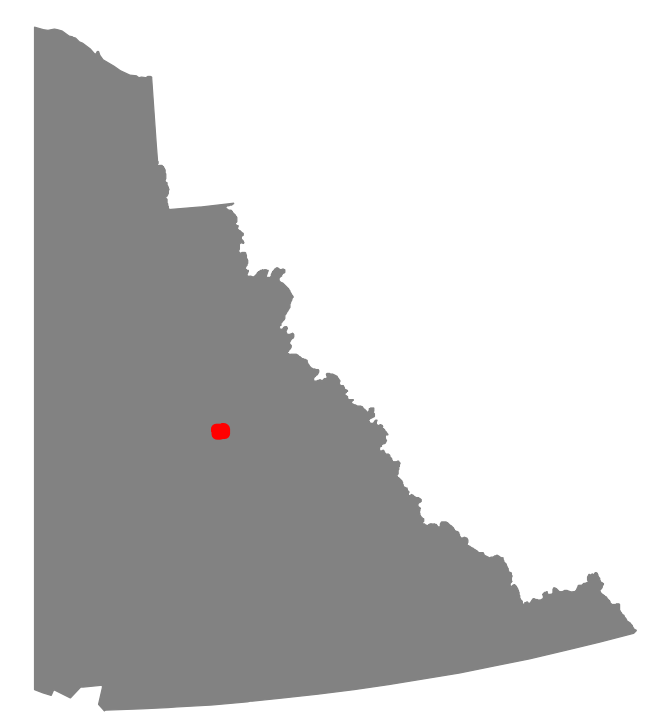
Keynote Properties
 Figure 5. Sample Locations West Claims
 Breakaway Exploration Mgmt.
 NTS Sheet: 105M/14
 Date: November 6, 2011





KEYNOTE PROPERTIES
Figure 6. SAMPLE LOCATIONS EAST CLAIMS

Universal Transverse Mercator Zone 8
 World Geodetic System 1984
 Scale 1:10 000



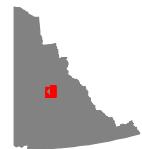
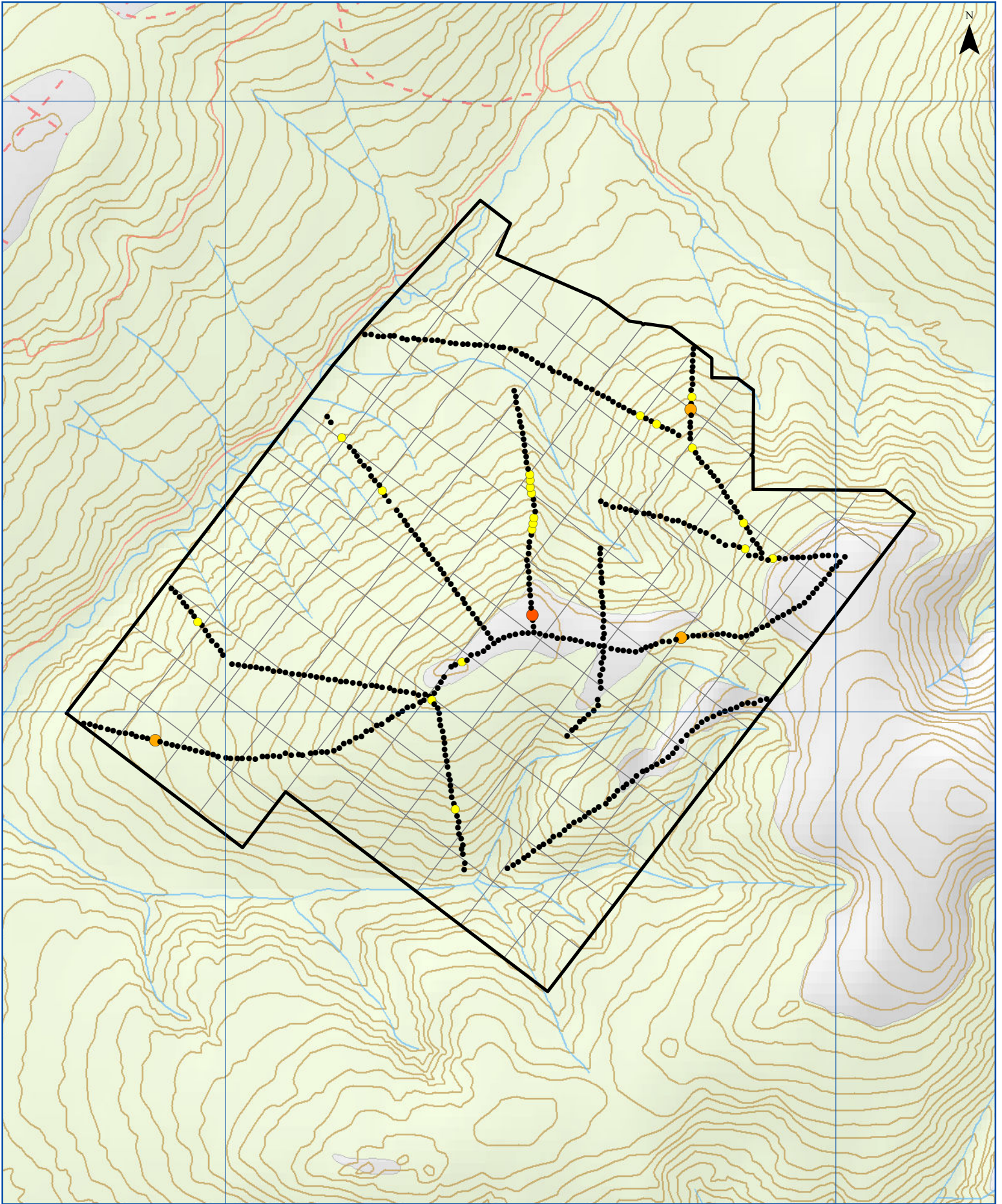
Keynote Properties
 Figure 6. Sample Locations East Claims
 Breakaway Exploration Mgmt.
 NTS Sheet: 105M/14 & 15
 Date: November 6, 2011

480,000

485,000

7,985,000

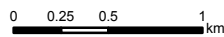
7,980,000



- Soil Au ppb
- 0 - 10
 - 10 - 20
 - 20 - 30
 - 30 - 60
 - > 60

KEYNOTE PROPERTY WEST
Figure 7. DETAILED GOLD ANOMALY MAP

Universal Transverse Mercator Zone 8
 World Geodetic System 1984
 Scale 1:40 000



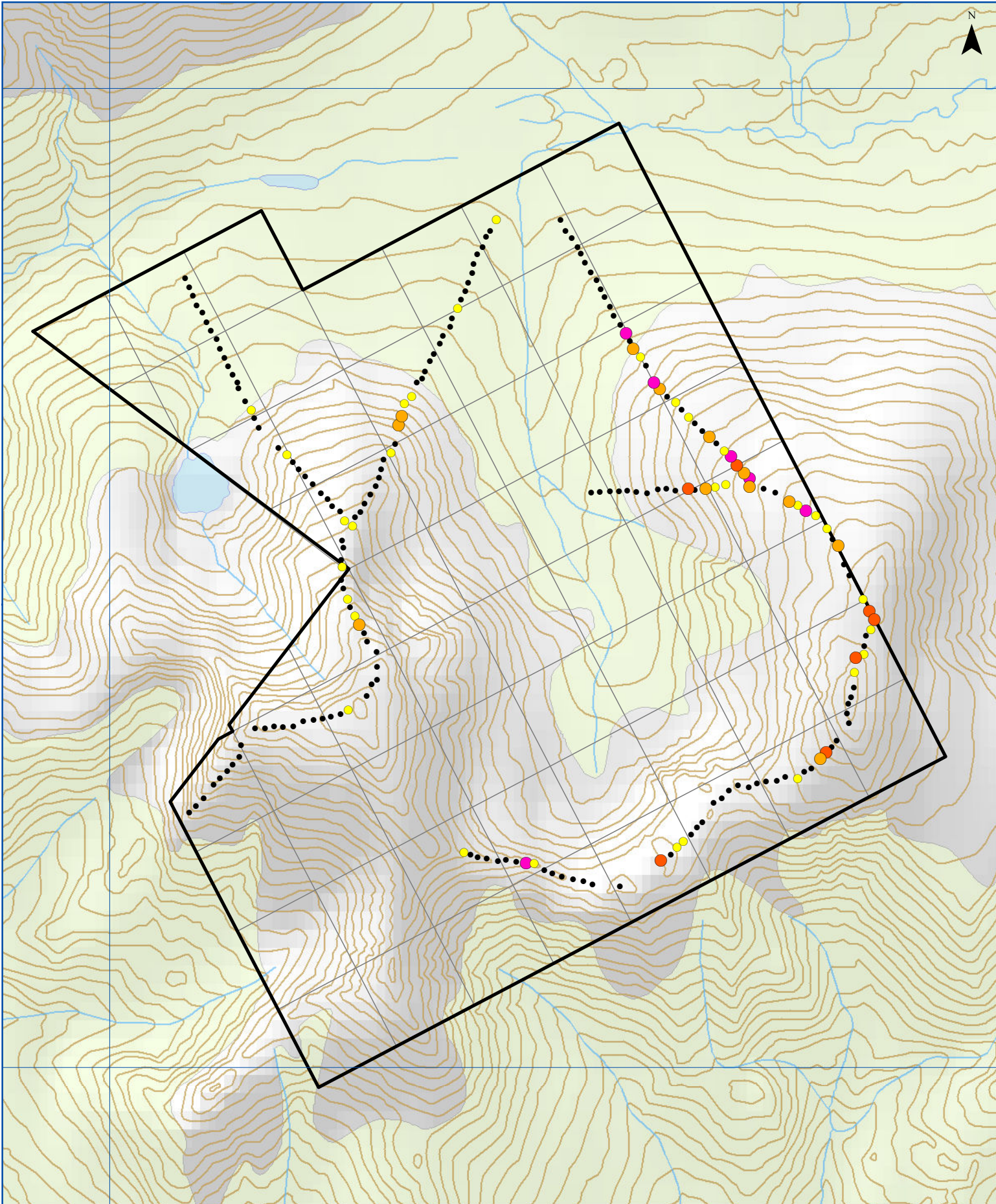
Keynote Properties
 Figure 7. Detailed Gold Anomaly Map
 West Claims
 Breakaway Exploration Mgmt.
 NTS Sheet: 105M/14
 Date: December 5, 2011

495,000

7,080,000



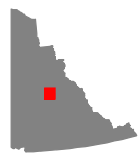
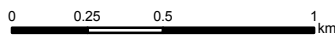
7,075,000



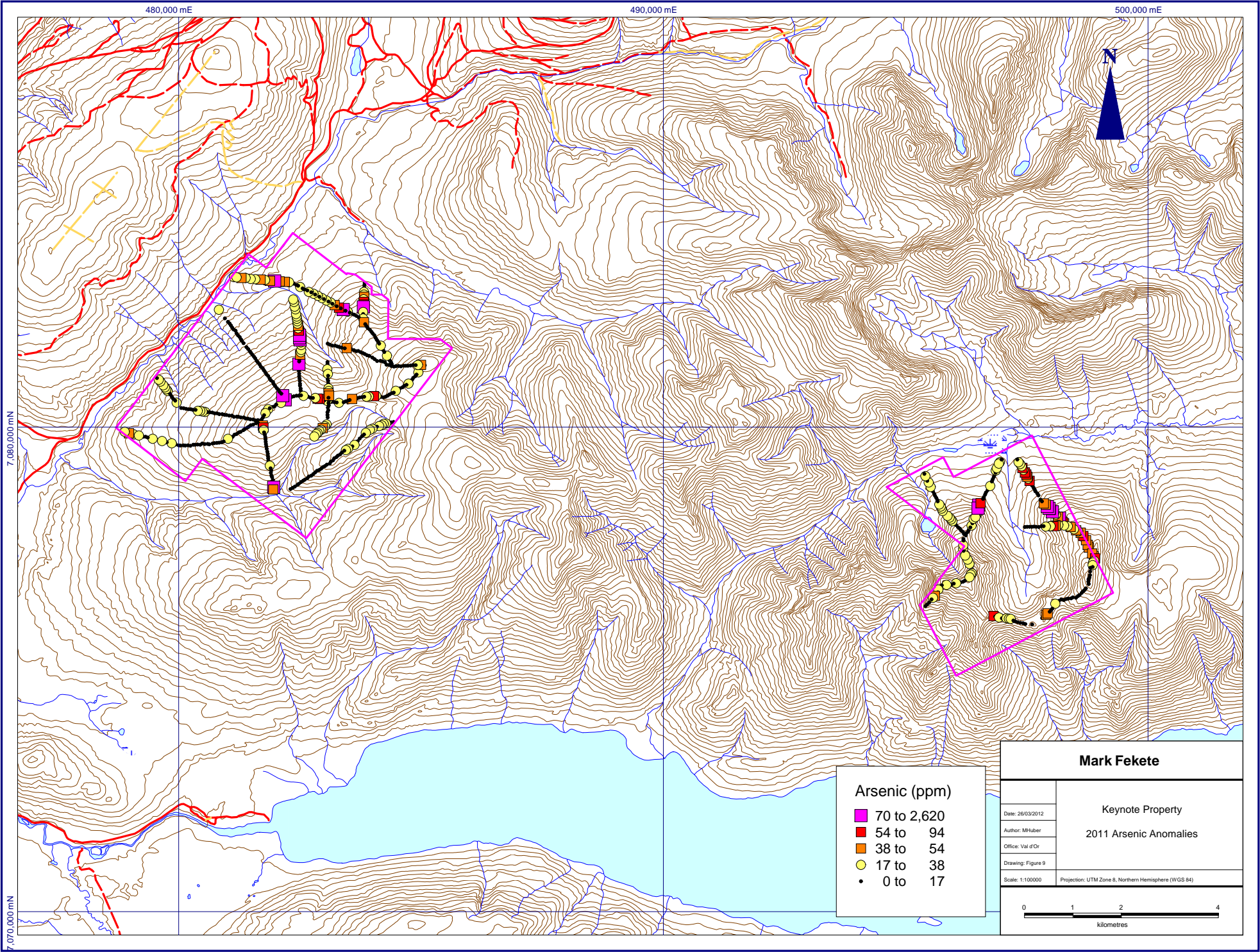
- Soil Au ppb
- 0 - 10
 - 10 - 20
 - 20 - 30
 - 30 - 60
 - > 60

KEYNOTE PROPERTY EAST
Figure 8. DETAILED GOLD ANOMALY MAP

Universal Transverse Mercator Zone 8
 World Geodetic System 1984
 Scale 1:25 000

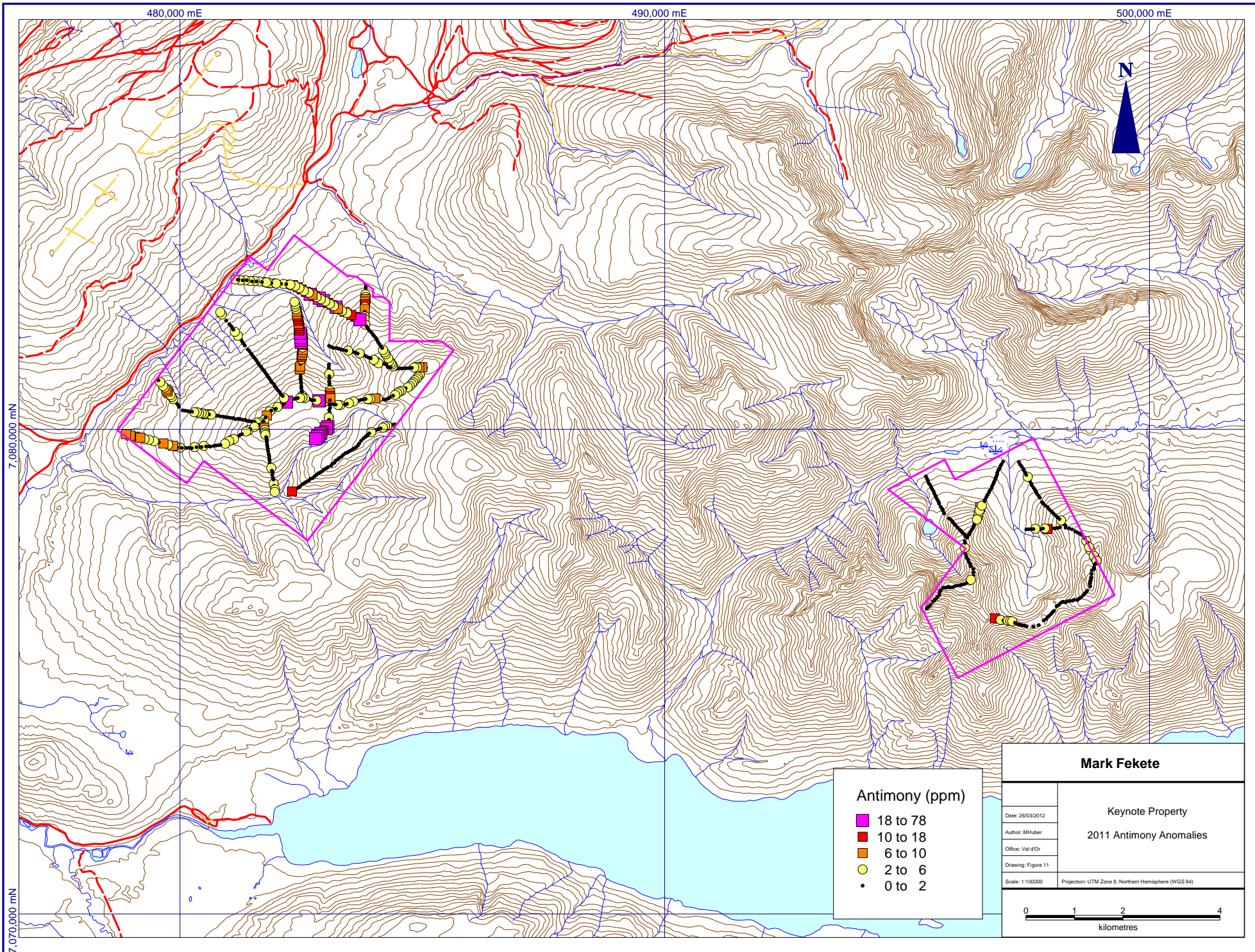


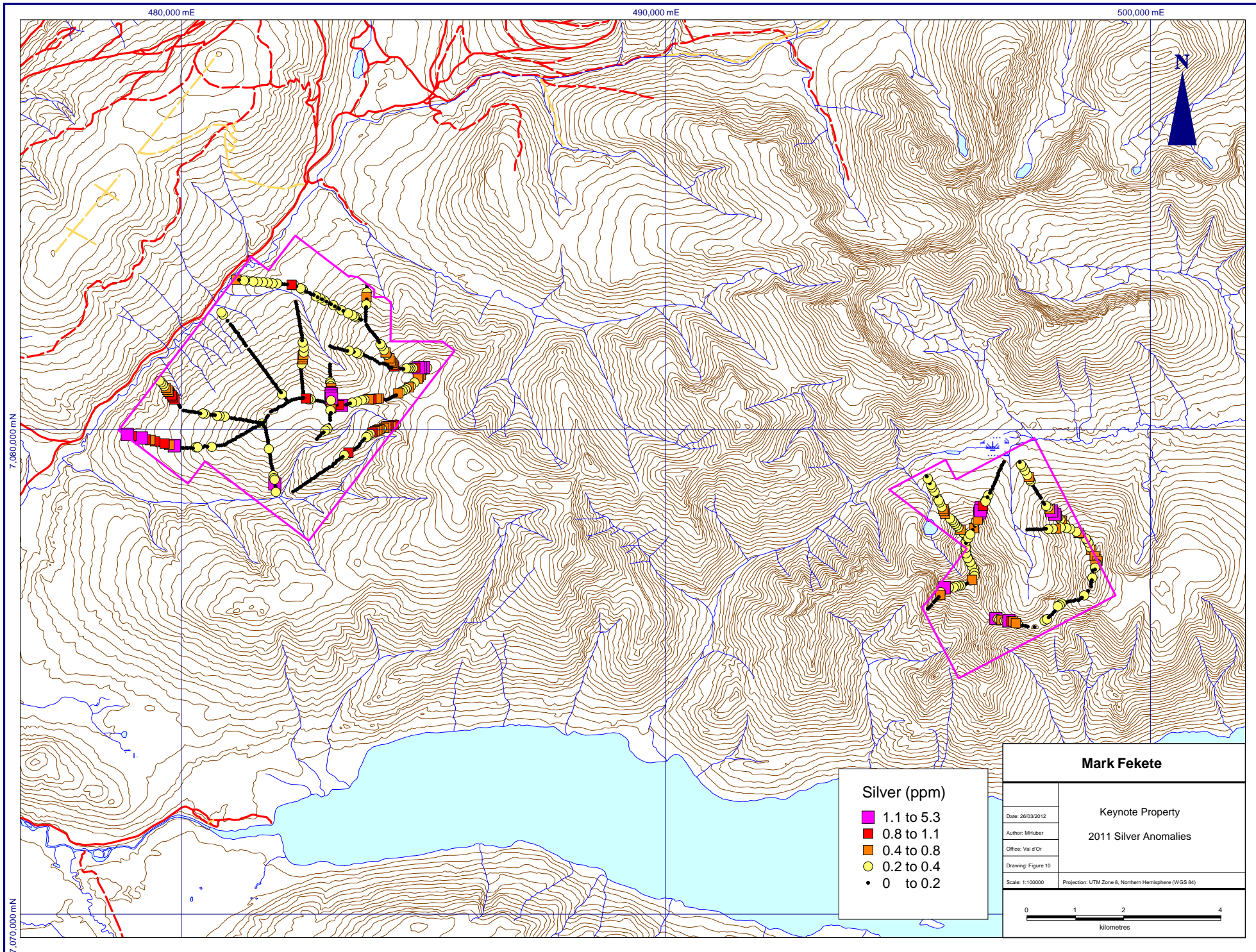
Keynote Properties
 Figure 8. Detailed Gold Anomaly Map
 East Claims
 Breakaway Exploration Mgmt.
 NTS Sheet: 105M/14
 Date: December 5, 2011



Arsenic (ppm)	
■	70 to 2,620
■	54 to 94
■	38 to 54
●	17 to 38
•	0 to 17

Mark Fekete	
Keynote Property	
2011 Arsenic Anomalies	
Date: 26/03/2012	
Author: M.Kuber	
Office: Val d'Or	
Drawing: Figure 9	
Scale: 1:100000	Projection: UTM Zone 8, Northern Hemisphere (WGS 84)





Silver (ppm)	
■	1.1 to 5.3
■	0.8 to 1.1
■	0.4 to 0.8
●	0.2 to 0.4
•	0 to 0.2

10.3. Data Verification

It is the Authors opinion that the sampling procedures, security measures, sample preparations and analytical methods applied to the soil and rock samples were diligently followed and are adequate to meet industry standards commonly accepted for this level of exploration. The Authors have relied upon the adequacy and accuracy of the analytical results provided by Acme. Independent verification of those results has not been undertaken. The Authors reconciled the field data with the analytical results and found no discrepancies.

10.4. Results

The Keynote West claim block (Figure 9) returned only a few widely spaced, anomalous gold results with a maximum value of 35 parts per billion gold (ppb Au). The only notable concentration of gold was found just north of the center of the claim block. On a south to north traverse line, three consecutive samples returned above back ground gold values (i.e. >10 ppb to 20ppb Au) over a distance of 150m. After a gap of 100m, four more consecutive samples returned above back ground gold values over a distance of 200m.

The Keynote East block (Figure 10) returned gold values ranging from below detection limit (i.e. <5ppb Au) to a maximum of 150ppb Au with at least six samples considered strongly anomalous (i.e. > 60ppb Au). The ridge on the east side of the block showed a very good concentration of gold over a distance of approximately 1500m. Almost all samples within this area were found to be weakly to strongly anomalous.

A review of the soil sample results for arsenic, antimony and silver, metals commonly associated with IRGS-type deposits, showed some interesting results (Figures 11, 12 and 13). On Keynote West, the zone of weak gold concentration described above is coincident with elevated arsenic values up to 163ppm As and antimony values up to 44ppm Sb. There are also three zones with elevated silver values that should be further investigated with prospecting. The first zone is located in the southwest corner of the block and shows intermittent strong silver values up to 2.6ppm Ag over a distance of 1000m. A second area is located on the east side of the mountain at the center of the property. This area shows values ranging from 1.9 to 5.5ppm Ag over a continuous distance of 100m. The third area is located in the northeast corner of the block and shows values ranging from 1.3 to 3.1ppm to over a continuous distance of 100m.

On Keynote East, there is a clear correlation between gold, arsenic and silver. The ridge on the east side of the block shows anomalous arsenic up to 2615ppm As and silver values up to 2.1 ppm Ag that generally correspond to the elevated gold values found in the same area. It is interesting to note that the Keynote East block shows no anomalous antimony values whereas the Keynote West block shows a number of anomalous clusters with values up to 78ppm Sb.

11. Mineral Processing and Metallurgical Testing

To date no mineral processing or metallurgical testing has been completed at Keynote.

12. Mineral Resource and Mineral Reserve Estimates

To date no mineral resource or mineral reserve estimates have been completed at Keynote. The Property is at a “grassroots” level of exploration such that it is too early to make any resource or reserve estimates.

13. Other Relevant Data and Information

The Authors are not aware of any other relevant data and information or explanation to make this report more understandable and not misleading.

14. Interpretation of Results and Conclusions

The Keynote East block is the most prospective part of the Property based on the 2011 soil sampling results. The traverse line on the eastern side of Keynote East contains many strong, moderate to weak anomalous gold-in-soil values with coincident elevated arsenic and silver anomalies. The gold potential of the Keynote West block appears less prospective for gold but a number of silver anomalies should be followed up. More detailed soil sampling in combination with prospecting and rock sampling is required.

15. Recommendations

The surface work met its primary goal of discovering several anomalous gold-in-soil areas that may potentially lead to gold-bearing structures, and also identified several areas prospective for silver mineralization. It is the Authors' opinion that the Keynote property is of sufficient merit to recommend that surface exploration work continue. It is recommended that a detailed soil geochemical grid be performed along the traverse line across the eastern side of the Keynote East claim block with stations every 50m spaced 100m apart. Small grids should also be performed on the anomalous silver zones found on the Keynote West claim block. Several days of prospecting and rock sampling is also recommended. The following table outlines the estimated costs on an "all-in" basis including labour, food and lodgings, supplies, transportation (including helicopter), rentals, assays and reporting.

Table 4 - Estimated Budget

Soil Geochemical	500	samples @	\$65	per sample	\$32,500
Prospecting	10	man days @	\$750	per man day	\$7,500
Total					\$40,000

16. References

- Hart, C. (2002): The Geological Framework of the Yukon Territory, Yukon Geology Website: http://www.geology.gov.yk.ca/pdf/bedrock_geology.pdf
- Hart, C., (2005): Classifying, distinguishing and exploring for Intrusion-Related Gold Systems in The Gangue - Geological Association of Canada, Mineral Deposits Division Issue 87.
- Héon, D. (2007): Selwyn Basin Metallogeny, Yukon Geology Website, <http://www.geology.gov.yk.ca/pdf/SelwynBasin.pdf>
- Gordey, S. P. and Makepeace, A.J. (2000): Yukon digital geology, S.P. Gordey and A.J. Makepeace (comp.): Geol. Survey of Canada, Open File D3826.
- Murphy, D. C. (1997): Geology of the McQueston River Region, Northern McQueston and Mayo Map Areas, Yukon Territory (115P/14, 15, 16l 105M/13, 14), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6, 122 p.
- Roots, C.F. (1997): Geology of the Mayo Map area, Yukon Territory (105M). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 7, 82 p.

Appendix A - Statement of Work Expenditures



QUARTZ MINING ACT FORM 4 SECTION 56
APPLICATION FOR A CERTIFICATE OF WORK
Version française

I, Kim Livingston
of 178 Dennison Val d'Or, Quebec J9P 2K6
Phone 819 874-8182
make oath and say that:

Office Date Stamp

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)
See attached claim list

situated at Mayo Lake area Claim sheet No. 105M14 ^{\$ 47 042.93}
in the Mayo Mining District, to the value of at least \$33,483.93 dollars, ^{MF}
since the 19th day of April 20 12

to represent the following mineral claims under the authority of Grouping Certificate No. n/a
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

See attached claim list (there are two blocks subject to two individual grouping certificates)
Request renewal of 1.75 years per claim and common date all claims to December 31, 2014

^{MF} Request renewal as per attached sheet.
Request common date to April 19, 2014

- The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

733 soil samples were collected on the Keynote West and Keynote East blocks from September 1 to September 15 2011
Crews were flown into property by helicopter on a daily basis from Mayo

Sworn before me at Whitehorse this 21 day of March 20 12.

[Signature]
Notary Public

[Signature]
Owner or Authorized Agent

Claims List For Certificate of Work 2011 Keynote

Type	Claim Information			Expiry Date	Work/Claim	Renewal		
	Grant No.	Claim Name	Claim No.		Geochem	Years	Annual Fee	Total
Quartz	YD57465	Keynote	1	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57466	Keynote	2	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57467	Keynote	3	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57468	Keynote	4	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57469	Keynote	5	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57470	Keynote	6	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57471	Keynote	7	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57472	Keynote	8	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57473	Keynote	9	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57474	Keynote	10	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57475	Keynote	11	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57476	Keynote	12	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57477	Keynote	13	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57478	Keynote	14	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57479	Keynote	15	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57480	Keynote	16	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57481	Keynote	17	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57482	Keynote	18	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57483	Keynote	19	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57484	Keynote	20	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57485	Keynote	21	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57486	Keynote	22	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57487	Keynote	23	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57488	Keynote	24	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57489	Keynote	25	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57490	Keynote	26	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57491	Keynote	27	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57492	Keynote	28	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57493	Keynote	29	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57494	Keynote	30	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57495	Keynote	31	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57496	Keynote	32	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57497	Keynote	33	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57498	Keynote	34	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57499	Keynote	35	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57500	Keynote	36	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57501	Keynote	37	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57502	Keynote	38	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57503	Keynote	39	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57504	Keynote	40	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57505	Keynote	41	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57506	Keynote	42	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57507	Keynote	43	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57508	Keynote	44	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57509	Keynote	45	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57510	Keynote	46	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57511	Keynote	47	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57512	Keynote	48	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57513	Keynote	49	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57514	Keynote	50	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57515	Keynote	51	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57516	Keynote	52	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57517	Keynote	53	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57518	Keynote	54	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57519	Keynote	55	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57520	Keynote	56	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57521	Keynote	57	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57522	Keynote	58	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25

Claims List For Certificate of Work 2011 Keynote

Type	Claim Information				Work/Claim Geochem	Renewal		
	Grant No.	Claim Name	Claim No.	Expiry Date		Years	Annual Fee	Total
Quartz	YD57523	Keynote	59	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57524	Keynote	60	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57525	Keynote	61	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57526	Keynote	62	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57527	Keynote	63	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57528	Keynote	64	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57529	Keynote	65	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57530	Keynote	66	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57531	Keynote	67	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57532	Keynote	68	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57533	Keynote	69	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57534	Keynote	70	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57535	Keynote	71	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57536	Keynote	72	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57537	Keynote	73	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57538	Keynote	74	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57539	Keynote	75	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57540	Keynote	76	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57541	Keynote	77	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57542	Keynote	78	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57543	Keynote	79	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57544	Keynote	80	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57545	Keynote	81	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57546	Keynote	82	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57547	Keynote	83	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57548	Keynote	84	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57549	Keynote	85	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57550	Keynote	86	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57551	Keynote	87	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57552	Keynote	88	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57553	Keynote	89	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57554	Keynote	90	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57555	Keynote	91	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57556	Keynote	92	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57557	Keynote	93	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57558	Keynote	94	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57559	Keynote	95	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57560	Keynote	96	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57561	Keynote	97	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57562	Keynote	98	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57563	Keynote	99	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57564	Keynote	100	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57565	Keynote	101	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57566	Keynote	102	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57567	Keynote	103	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57568	Keynote	104	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57569	Keynote	105	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57570	Keynote	106	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57571	Keynote	107	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57572	Keynote	108	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57573	Keynote	109	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57574	Keynote	110	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57575	Keynote	111	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57576	Keynote	112	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57577	Keynote	113	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57578	Keynote	114	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57579	Keynote	115	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57580	Keynote	116	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25

Claims List For Certificate of Work 2011 Keynote

Type	Claim Information			Expiry Date	Work/Claim Geochem	Renewal		
	Grant No.	Claim Name	Claim No.			Years	Annual Fee	Total
Quartz	YD57581	Keynote	117	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57582	Keynote	118	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57583	Keynote	119	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57584	Keynote	120	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57585	Keynote	121	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57586	Keynote	122	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57587	Keynote	123	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57588	Keynote	124	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD57589	Keynote	125	30/03/2012	\$ 480.03	2.25	\$ 5.00	\$ 11.25
Quartz	YD57590	Keynote	126	30/03/2012	\$ -	2.25	\$ 5.00	\$ 11.25
Quartz	YD65657	KN	127	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YD65658	KN	128	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YD65659	KN	129	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YD65660	KN	130	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25201	KN	131	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25202	KN	132	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25203	KN	133	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25204	KN	134	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25205	KN	135	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25206	KN	136	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25207	KN	137	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25208	KN	138	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25209	KN	139	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25210	KN	140	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25211	KN	141	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25212	KN	142	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25213	KN	143	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25214	KN	144	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25215	KN	145	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25216	KN	146	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25217	KN	147	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25218	KN	148	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25219	KN	149	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25220	KN	150	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25221	KN	151	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25222	KN	152	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25223	KN	153	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25224	KN	154	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25225	KN	155	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25226	KN	156	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25227	KN	157	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25228	KN	158	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25229	KN	159	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25230	KN	160	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25231	KN	161	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25232	KN	162	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25233	KN	163	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25234	KN	164	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25235	KN	165	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25236	KN	166	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25237	KN	167	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25238	KN	168	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25239	KN	169	19/04/2012	\$ 480.03	2	\$ 5.00	\$ 10.00
Quartz	YE25240	KN	170	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25241	KN	171	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YE25242	KN	172	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YD132393	KN	173	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00
Quartz	YD132394	KN	174	19/04/2012	\$ -	2	\$ 5.00	\$ 10.00

Claims List For Certificate of Work 2011 Keynote

Type	Claim Information			Expiry Date	Work/Claim	Renewal		
	Grant No.	Claim Name	Claim No.		Geochem	Years	Annual Fee	Total
				Column Total	\$ 47,042.93	379.5		\$ 1,897.50

MFekete Proj Mgmt Activity	Date	Supplier	Invoice No.	Amount
5150 Geochem - Wages & Contract	12-31-2011	BXM	754	\$14,975.00
	01-31-2012	BXM	772	\$450.00
				<u>\$15,425.00</u>
5151 Geochem - F&L	12-31-2011	BXM	754	\$949.19
	09-13-2011	Gold & Galena B&B	379763	\$1,850.00
	02-29-2012	BXM	795	\$50.00
				<u>\$2,849.19</u>
5152 Geochem - Supplies	12-31-2011	BXM	754	\$1,162.45
				<u>\$1,162.45</u>
5153 Geochem - Transport	12-31-2011	BXM	754	\$1,036.86
	09-19-2011	North 60 Petro	1772292	\$229.83
	09-09-2011	Heli Dynamics	11184	\$1,921.50
	09-08-2011	Heli Dynamics	11183	\$1,850.00
	09-08-2011	Heli Dynamics	11182	\$1,921.50
	09-12-2011	Peak Helicopters Ltd	937	\$7,366.00
				<u>\$14,325.69</u>
5154 Geochem - Rentals	12-31-2011	BXM	754	\$635.00
				<u>\$635.00</u>
5156 Geochem - Assays	12-01-2011	Acmelabs	VANI107008	\$1,710.00
	12-06-2011	Acmelabs	VANI107598	\$5,437.80
	10-21-2011	Acmelabs	VANI100725	\$5,386.50
	10-31-2011	Acmelabs	VANI102568	\$111.30
				<u>\$12,645.60</u>
			Total	\$47,042.93

2011 Surface Work

On the

Keynote Property

	East Block	
Keynote 66 to 126	(YD57530 to YD57590)	
	West Block	
Keynote 1 to 65	(YD57465 to YD57529)	
KN 127 to 130	(YD65657 to YD65660)	
KN 131 to 172	(YE25201 to YE25242)	
KN 173 to 174	(YD132393 to YD132394)	

Mayo Mining District, Yukon

NTS Sheet 105M14 (Keno Hill)

Keynote East 63°49'N. Lat., 135°03'W. Long.

Keynote West 63°51'N. Lat., 135°20'W. Long

Operated by and Recorded to

Mark Fekete and Karl Ziehe

By

Mark Fekete, P.Geo. and Ben Dubois, B.Sc., G.I.T

March 26, 2012

VOLUME II

Appendix B - Sample Locations and Descriptions

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
115790	10/09/2011	NedaDokic				Lithosoil	Brown	Sand	ModerateNW	C	40	Dry	Excellent	ForestMixed
115791	10/09/2011	NedaDokic	483666	7082295	UTMZ8N_WGS84	Lithosoil	BrownDark	Silt	ModerateNW	C	35	Dry	Excellent	ForestMixed
115792	10/09/2011	NedaDokic	483575	7082334	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	B	55	Dry	Good	ForestMixed
115793	10/09/2011	NedaDokic	483488	7082383	UTMZ8N_WGS84	Lithosoil	Brown	Sand	ModerateNW	C	60	Dry	Excellent	ForestMixed
115794	10/09/2011	NedaDokic	483398	7082425	UTMZ8N_WGS84	Lithosoil	Brown	Sand	ModerateNW	C	50	Dry	Excellent	ForestMixed
115795	10/09/2011	NedaDokic	483308	7082464	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	B	90	Wet	Poor	ForestMixed
115796	10/09/2011	NedaDokic	483221	7082518	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateNW	B	55	Wet	Poor	ForestMixed
115797	10/09/2011	NedaDokic	483136	7082569	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateNW	B	80	Wet	Poor	ForestMixed
115798	10/09/2011	NedaDokic	483049	7082609	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateNW	C	70	Wet	Good	ForestMixed
115799	10/09/2011	NedaDokic	482958	7082660	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateNW	C	60	Wet	Good	ForestMixed
115800	10/09/2011	NedaDokic	482873	7082708	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	B	60	Wet	Poor	ForestMixed
115801	10/09/2011	NedaDokic	482781	7082751	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	B	50	Wet	Poor	ForestMixed
115802	10/09/2011	NedaDokic	482683	7082786	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	B	40	Wet	Poor	ForestMixed
115803	10/09/2011	NedaDokic	482597	7082840	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	C	40	Dry	Excellent	ForestMixed
115804	10/09/2011	NedaDokic	482509	7082889	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateNW	C	40	Moist	Excellent	ForestBlackSpruce
115805	10/09/2011	NedaDokic	482428	7082933	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	60	Wet	Poor	ForestBlackSpruce
115806	10/09/2011	NedaDokic	482333	7082977	UTMZ8N_WGS84	Lithosoil	Grey	Silt	Flat	B	40	Frozen	Poor	ForestBlackSpruce
115807	10/09/2011	NedaDokic	482246	7082987	UTMZ8N_WGS84	Lithosoil	Grey	Silt	Flat	C	40	Moist	Good	ForestBlackSpruce
115808	10/09/2011	NedaDokic	482136	7082999	UTMZ8N_WGS84	Lithosoil	BrownLight	Sand	Flat	C	40	Dry	Excellent	ForestBlackSpruce
115809	10/09/2011	NedaDokic	482043	7083008	UTMZ8N_WGS84	Lithosoil	Grey	Silt	Flat	B	70	Wet	Poor	ForestBlackSpruce
115810	10/09/2011	NedaDokic	481943	7083015	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	C	50	Dry	Excellent	ForestBlackSpruce
115811	10/09/2011	NedaDokic	481841	7083022	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	C	40	Dry	Excellent	ForestMixed
115812	10/09/2011	NedaDokic	481738	7083042	UTMZ8N_WGS84	Lithosoil	Brown	Sand	ModerateW	C	50	Dry	Excellent	ForestMixed
115813	10/09/2011	NedaDokic	481636	7083052	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateW	B	40	Frozen	Poor	ForestMixed
115814	10/09/2011	NedaDokic	481543	7083062	UTMZ8N_WGS84	Lithosoil	Grey	Silt	Flat	B	70	Frozen	Poor	ForestMixed
115815	10/09/2011	NedaDokic	481447	7083061	UTMZ8N_WGS84	Lithosoil	Brown	Sand	Flat	C	50	Wet	Good	ForestMixed
115816	10/09/2011	NedaDokic	481347	7083078	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateW	C	50	Dry	Excellent	ForestMixed
115817	10/09/2011	NedaDokic	481248	7083077	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	C	50	Moist	Good	ForestMixed
115818	10/09/2011	NedaDokic	481142	7083093	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateW	C	50	Dry	Excellent	ForestMixed
115819	11/09/2011	NedaDokic	496364	7077121	UTMZ8N_WGS84	Lithosoil	Grey	Silt	RidgeAlpine	B	20	Dry	Excellent	AlpineBare
115820	11/09/2011	NedaDokic	496300	7077218	UTMZ8N_WGS84	Lithosoil	Grey	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
115821	11/09/2011	NedaDokic	496255	7077306	UTMZ8N_WGS84	Lithosoil	Grey	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
115822	11/09/2011	NedaDokic	496215	7077393	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	30	Dry	Good	AlpineBare
115823	11/09/2011	NedaDokic	496185	7077490	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
115824	11/09/2011	NedaDokic	496184	7077593	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	20	Dry	Good	AlpineBare
115825	11/09/2011	NedaDokic	496189	7077693	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
115826	11/09/2011	NedaDokic	496253	7077810	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	20	Dry	Good	AlpineBare
115827	11/09/2011	NedaDokic	496303	7077881	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
115828	11/09/2011	NedaDokic	496359	7077969	UTMZ8N_WGS84	Lithosoil	Black	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
115829	11/09/2011	NedaDokic	496386	7078057	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	20	Dry	Excellent	AlpineBare
115830	11/09/2011	NedaDokic	496460	7078185	UTMZ8N_WGS84	Lithosoil	Black	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
115831	11/09/2011	NedaDokic	496477	7078282	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	20	Dry	Good	AlpineBare
115832	11/09/2011	NedaDokic	496506	7078392	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepNW	B	20	Dry	Good	AlpineBare
115833	11/09/2011	NedaDokic	496570	7078497	UTMZ8N_WGS84	Lithosoil	RustyRed	Silt	ModerateNW	B	30	Dry	Excellent	SubAlpineBrush
115834	11/09/2011	NedaDokic	496611	7078557	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateNW	B	30	Dry	Excellent	ForestBlackSpruce
115835	11/09/2011	NedaDokic	496655	7078647	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	30	Dry	Good	ForestBlackSpruce
115836	11/09/2011	NedaDokic	496703	7078736	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	C	40	Dry	Excellent	ForestBlackSpruce
115837	11/09/2011	NedaDokic	496749	7078827	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	30	Dry	Good	ForestBlackSpruce
115838	11/09/2011	NedaDokic	496796	7078920	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	B	40	Dry	Excellent	ForestBlackSpruce
115839	11/09/2011	NedaDokic	496832	7079009	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	B	50	Dry	Excellent	ForestBlackSpruce
115840	11/09/2011	NedaDokic	496859	7079103	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	B	40	Dry	Excellent	ForestBlackSpruce
115841	11/09/2011	NedaDokic	496907	7079192	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	B	40	Dry	Good	ForestBlackSpruce

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
115842	11/09/2011	NedaDokic	496944	7079275	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	B	40	Dry	Excellent	ForestBlackSpruce
122658	08/09/2011	DarrellKraemer	481596	7080078	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateS	B	45	Dry	Excellent	AlpineBare
122659	08/09/2011	DarrellKraemer	481489	7080037	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateE	B	50	Dry	Excellent	AlpineBare
122660	08/09/2011	DarrellKraemer	481415	7079984	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateE	C	80	Dry	Excellent	AlpineBare
122661	08/09/2011	DarrellKraemer	481333	7079936	UTMZ8N_WGS84	Colluvium	Brown	Gravel	ModerateE	B	35	Moist	Poor	AlpineBare
122662	08/09/2011	DarrellKraemer	481241	7079887	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateE	C	45	Moist	Good	SubAlpineBrush
122663	08/09/2011	DarrellKraemer	481151	7079840	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateE	C	80	Dry	Good	SubAlpineBrush
122664	08/09/2011	DarrellKraemer	481067	7079786	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateE	C	70	Dry	Good	SubAlpineAlder
122665	08/09/2011	DarrellKraemer	480970	7079741	UTMZ8N_WGS84	Colluvium	Red	Silt	ModerateE	B	40	Dry	Good	SubAlpineAlder
122666	08/09/2011	DarrellKraemer	480886	7079686	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateE	C	60	Dry	Excellent	SubAlpineAlder
122667	08/09/2011	DarrellKraemer	480791	7079672	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateE	B	60	Moist	Excellent	ForestMixed
122668	08/09/2011	DarrellKraemer	480698	7079660	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateE	C	70	Dry	Good	ForestMixed
122669	08/09/2011	DarrellKraemer	480600	7079653	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateE	B	50	Moist	Good	ForestMixed
122670	08/09/2011	DarrellKraemer	480490	7079660	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateE	B	50	Dry	Excellent	ForestMixed
122671	08/09/2011	DarrellKraemer	480393	7079640	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateE	C	80	Dry	Excellent	ForestMixed
122672	08/09/2011	DarrellKraemer	480300	7079634	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	ModerateE	B	80	Moist	Good	ForestMixed
122673	08/09/2011	DarrellKraemer	480192	7079620	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	70	Wet	Good	ForestMixed
122674	08/09/2011	DarrellKraemer	480098	7079620	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateE	B	70	Moist	Good	ForestMixed
122675	08/09/2011	DarrellKraemer	480002	7079623	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	60	Wet	Good	ForestMixed
122676	08/09/2011	DarrellKraemer	479899	7079650	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	55	Wet	Good	ForestMixed
122677	08/09/2011	DarrellKraemer	479806	7079671	UTMZ8N_WGS84	Colluvium	Brown	Gravel	ModerateE	C	80	Moist	Good	ForestMixed
122678	08/09/2011	DarrellKraemer	479704	7079698	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	70	Moist	Good	ForestMixed
122679	08/09/2011	DarrellKraemer	479606	7079720	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	60	Wet	Good	DrainageBrush
122680	08/09/2011	DarrellKraemer	479516	7079741	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	60	Wet	Good	ForestMixed
122681	08/09/2011	DarrellKraemer	479425	7079766	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	C	80	Moist	Good	ForestBirch
122682	08/09/2011	DarrellKraemer	479320	7079798	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	60	Wet	Good	ForestBlackSpruce
122683	08/09/2011	DarrellKraemer	479229	7079819	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	50	Wet	Good	ForestBlackSpruce
122684	08/09/2011	DarrellKraemer	479130	7079834	UTMZ8N_WGS84	Colluvium	Grey	Silt	Drainage	B	50	Wet	Good	ForestBlackSpruce
122685	08/09/2011	DarrellKraemer	479034	7079859	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	Drainage	B	55	Wet	Good	ForestBlackSpruce
122686	08/09/2011	DarrellKraemer	478933	7079883	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	55	Wet	Good	ForestBirch
122687	08/09/2011	DarrellKraemer	478838	7079905	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateE	B	60	Moist	Good	ForestBlackSpruce
122688	09/09/2011	DarrellKraemer	482523	7080699	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	RidgeAlpine	B	45	Dry	Excellent	AlpineBare
122689	09/09/2011	DarrellKraemer	482515	7080753	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122690	09/09/2011	DarrellKraemer	482514	7080796	UTMZ8N_WGS84	Colluvium	Brown	Gravel	RidgeAlpine	C	50	Dry	Poor	AlpineBare
122691	09/09/2011	DarrellKraemer	482503	7080853	UTMZ8N_WGS84	Colluvium	Brown	Gravel	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122692	09/09/2011	DarrellKraemer	482502	7080892	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122693	09/09/2011	DarrellKraemer	482497	7080951	UTMZ8N_WGS84	Colluvium	BrownLight	Gravel	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
122694	09/09/2011	DarrellKraemer	482494	7081003	UTMZ8N_WGS84	Colluvium	BrownLight	Sand	RidgeAlpine	C	60	Dry	Good	AlpineBare
122695	09/09/2011	DarrellKraemer	482485	7081047	UTMZ8N_WGS84	Colluvium	BrownLight	Gravel	ModerateNW	C	75	Dry	Good	AlpineBare
122696	09/09/2011	DarrellKraemer	482488	7081097	UTMZ8N_WGS84	Colluvium	BrownLight	Gravel	ModerateNW	C	60	Dry	Good	AlpineBare
122697	09/09/2011	DarrellKraemer	482482	7081153	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	80	Dry	Excellent	ForestMixed
122698	09/09/2011	DarrellKraemer	482475	7081196	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateNW	C	80	Dry	Excellent	ForestMixed
122699	09/09/2011	DarrellKraemer	482467	7081242	UTMZ8N_WGS84	Colluvium	BrownLight	Sand	ModerateNW	C	85	Dry	Excellent	ForestMixed
122700	09/09/2011	DarrellKraemer	482482	7081296	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	ModerateNW	C	70	Dry	Excellent	ForestMixed
122701	09/09/2011	DarrellKraemer	482486	7081352	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	75	Dry	Excellent	ForestMixed
122702	09/09/2011	DarrellKraemer	482489	7081391	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	60	Dry	Good	ForestMixed
122703	09/09/2011	DarrellKraemer	482506	7081449	UTMZ8N_WGS84	Colluvium	Grey	Gravel	ModerateNW	C	40	Dry	Poor	ForestMixed
122704	09/09/2011	DarrellKraemer	482508	7081493	UTMZ8N_WGS84	Colluvium	Grey	Gravel	ModerateNW	C	60	Moist	Good	ForestMixed
122705	09/09/2011	DarrellKraemer	482519	7081544	UTMZ8N_WGS84	Colluvium	Grey	Gravel	ModerateNW	C	65	Moist	Good	ForestMixed
122706	09/09/2011	DarrellKraemer	482527	7081590	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	C	60	Moist	Good	ForestMixed
122707	09/09/2011	DarrellKraemer	482536	7081641	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	70	Dry	Good	ForestMixed
122708	09/09/2011	DarrellKraemer	482527	7081693	UTMZ8N_WGS84	Colluvium	Brown	Gravel	ModerateNW	C	70	Moist	Good	ForestMixed

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
122709	09/09/2011	DarrellKraemer	482522	7081745	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	70	Moist	Good	ForestMixed
122710	09/09/2011	DarrellKraemer	482505	7081796	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	50	Moist	Good	ForestMixed
122711	09/09/2011	DarrellKraemer	482496	7081840	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	C	75	Moist	Excellent	ForestMixed
122712	09/09/2011	DarrellKraemer	482494	7081895	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	55	Moist	Good	ForestMixed
122713	09/09/2011	DarrellKraemer	482493	7081944	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	C	50	Moist	Good	ForestMixed
122714	09/09/2011	DarrellKraemer	482481	7081987	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	50	Moist	Poor	ForestMixed
122715	09/09/2011	DarrellKraemer	482467	7082041	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	B	35	Wet	Excellent	ForestMixed
122716	09/09/2011	DarrellKraemer	482463	7082089	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	B	60	Wet	Excellent	ForestMixed
122717	09/09/2011	DarrellKraemer	482453	7082134	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateNW	C	55	Moist	Good	ForestMixed
122718	09/09/2011	DarrellKraemer	482449	7082184	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateNW	B	45	Wet	Excellent	ForestMixed
122719	09/09/2011	DarrellKraemer	482441	7082233	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	40	Frozen	Poor	ForestMixed
122720	09/09/2011	DarrellKraemer	482437	7082281	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	55	Wet	Good	ForestMixed
122721	09/09/2011	DarrellKraemer	482424	7082332	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	C	60	Moist	Good	ForestMixed
122722	09/09/2011	DarrellKraemer	482412	7082378	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateNW	B	45	Wet	Good	ForestMixed
122723	09/09/2011	DarrellKraemer	482408	7082431	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateNW	B	45	Wet	Excellent	ForestMixed
122724	09/09/2011	DarrellKraemer	482394	7082482	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	45	Frozen	Good	ForestMixed
122725	09/09/2011	DarrellKraemer	482382	7082532	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	35	Frozen	Poor	ForestMixed
122726	09/09/2011	DarrellKraemer	482379	7082581	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	40	Frozen	Poor	ForestMixed
122727	09/09/2011	DarrellKraemer	482362	7082632	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	Drainage	B	35	Frozen	Good	ForestMixed
122728	10/09/2011	DarrellKraemer	484394	7081301	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
122729	10/09/2011	DarrellKraemer	484377	7081340	UTMZ8N_WGS84	Colluvium	BrownDark	Gravel	RidgeAlpine	C	45	Frozen	Good	AlpineBare
122730	10/09/2011	DarrellKraemer	484353	7081375	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	RidgeAlpine	C	80	Dry	Good	AlpineBare
122731	10/09/2011	DarrellKraemer	484318	7081408	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	60	Dry	Good	AlpineBare
122732	10/09/2011	DarrellKraemer	484296	7081471	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	75	Dry	Excellent	AlpineBare
122733	10/09/2011	DarrellKraemer	484271	7081507	UTMZ8N_WGS84	Colluvium	Grey	Silt	RidgeAlpine	C	50	Dry	Excellent	AlpineBare
122734	10/09/2011	DarrellKraemer	484242	7081550	UTMZ8N_WGS84	Colluvium	Grey	Silt	RidgeAlpine	C	40	Wet	Good	AlpineBare
122735	10/09/2011	DarrellKraemer	484219	7081591	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	RidgeAlpine	C	60	Dry	Excellent	AlpineBare
122736	10/09/2011	DarrellKraemer	484188	7081640	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	60	Dry	Good	AlpineBare
122737	10/09/2011	DarrellKraemer	484170	7081678	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	40	Dry	Good	AlpineBare
122738	10/09/2011	DarrellKraemer	484139	7081721	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
122739	10/09/2011	DarrellKraemer	484110	7081764	UTMZ8N_WGS84	Colluvium	Brown	Silt	Ridge	C	50	Dry	Good	SubAlpineBrush
122740	10/09/2011	DarrellKraemer	484085	7081801	UTMZ8N_WGS84	Colluvium	Brown	Silt	Ridge	C	50	Dry	Good	SubAlpineBrush
122741	10/09/2011	DarrellKraemer	484061	7081846	UTMZ8N_WGS84	Colluvium	Brown	Silt	Ridge	B	60	Dry	Excellent	AlpineBare
122742	10/09/2011	DarrellKraemer	484034	7081894	UTMZ8N_WGS84	Colluvium	Brown	Gravel	RidgeAlpine	B	35	Dry	Good	SubAlpineBrush
122743	10/09/2011	DarrellKraemer	483835	7082975	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	50	Dry	Excellent	ForestMixed
122744	10/09/2011	DarrellKraemer	483832	7082930	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Dry	Good	ForestMixed
122745	10/09/2011	DarrellKraemer	483828	7082876	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Dry	Excellent	ForestMixed
122746	10/09/2011	DarrellKraemer	483828	7082830	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateN	C	50	Dry	Good	ForestMixed
122747	10/09/2011	DarrellKraemer	483823	7082787	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Dry	Excellent	ForestMixed
122748	10/09/2011	DarrellKraemer	483824	7082732	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateN	B	50	Dry	Poor	ForestMixed
122749	10/09/2011	DarrellKraemer	483828	7082687	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	ModerateN	C	60	Dry	Excellent	ForestMixed
122750	10/09/2011	DarrellKraemer	483815	7082636	UTMZ8N_WGS84	Colluvium	BrownLight	Sand	ModerateN	C	45	Dry	Good	ForestMixed
122751	10/09/2011	DarrellKraemer	483819	7082581	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	60	Dry	Excellent	ForestMixed
122752	10/09/2011	DarrellKraemer	483814	7082526	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	45	Dry	Good	ForestMixed
122753	10/09/2011	DarrellKraemer	483811	7082478	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	ModerateN	C	55	Dry	Excellent	ForestMixed
122754	10/09/2011	DarrellKraemer	483812	7082428	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	40	Wet	Good	ForestMixed
122755	10/09/2011	DarrellKraemer	483806	7082375	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	B	50	Dry	Excellent	ForestMixed
122756	10/09/2011	DarrellKraemer	483808	7082333	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	B	35	Dry	Excellent	ForestMixed
122757	10/09/2011	DarrellKraemer	483807	7082281	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	40	Dry	Good	ForestMixed
122758	10/09/2011	DarrellKraemer	483807	7082239	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	B	45	Wet	Good	ForestMixed
122759	10/09/2011	DarrellKraemer	483824	7082162	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Dry	Good	SubAlpineAlder
122760	10/09/2011	DarrellKraemer	483850	7082124	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	B	80	Dry	Excellent	ForestMixed

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
122761	10/09/2011	DarrellKraemer	483876	7082082	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	B	55	Wet	Good	ForestMixed
122762	10/09/2011	DarrellKraemer	483901	7082044	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	B	55	Wet	Good	ForestMixed
122763	10/09/2011	DarrellKraemer	483941	7082009	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateN	C	50	Frozen	Good	ForestMixed
122764	10/09/2011	DarrellKraemer	483974	7081965	UTMZ8N_WGS84	Colluvium	Purple	Silt	ModerateN	C	80	Dry	Excellent	ForestMixed
122765	10/09/2011	DarrellKraemer	484002	7081931	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateN	C	65	Dry	Good	ForestMixed
122766	11/09/2011	DarrellKraemer	496811	7076100	UTMZ8N_WGS84	Colluvium	Black	Gravel	CliffBase	C	35	Dry	Excellent	AlpineBare
122767	11/09/2011	DarrellKraemer	496844	7076086	UTMZ8N_WGS84	Colluvium	BrownLight		CliffBase	B	35	Dry	Good	AlpineBare
122768	11/09/2011	DarrellKraemer	496880	7076073	UTMZ8N_WGS84	Colluvium	Brown	Sand	CliffBase	C	60	Dry	Excellent	AlpineBare
122769	11/09/2011	DarrellKraemer	496927	7076069	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	35	Dry	Good	AlpineBare
122770	11/09/2011	DarrellKraemer	496984	7076055	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	60	Dry	Excellent	AlpineBare
122771	11/09/2011	DarrellKraemer	497025	7076060	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
122772	11/09/2011	DarrellKraemer	497077	7076052	UTMZ8N_WGS84	Colluvium	Black	Gravel	RidgeAlpine	C	40	Dry	Excellent	AlpineBare
122773	11/09/2011	DarrellKraemer	497128	7076047	UTMZ8N_WGS84	Colluvium	Black	Sand	RidgeAlpine	C	40	Dry	Excellent	AlpineBare
122774	11/09/2011	DarrellKraemer	497168	7076041	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	25	Dry	Good	AlpineBare
122775	11/09/2011	DarrellKraemer	497222	7076008	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
122776	11/09/2011	DarrellKraemer	497262	7075991	UTMZ8N_WGS84	Colluvium	Black	Sand	RidgeAlpine	C	55	Dry	Excellent	AlpineBare
122777	11/09/2011	DarrellKraemer	497311	7075975	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122778	11/09/2011	DarrellKraemer	497367	7075961	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	30	Dry	Good	AlpineBare
122779	11/09/2011	DarrellKraemer	497420	7075954	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122780	11/09/2011	DarrellKraemer	497467	7075934	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
122781	11/09/2011	DarrellKraemer	497607	7075926	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	45	Dry	Excellent	AlpineBare
122782	11/09/2011	DarrellKraemer	497817	7076058	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	50	Dry	Good	AlpineBare
122783	11/09/2011	DarrellKraemer	497867	7076087	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
122784	11/09/2011	DarrellKraemer	497899	7076125	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	60	Dry	Excellent	AlpineBare
122785	11/09/2011	DarrellKraemer	497931	7076154	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	60	Dry	Excellent	AlpineBare
122786	11/09/2011	DarrellKraemer	497971	7076190	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
122787	11/09/2011	DarrellKraemer	498000	7076228	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	35	Dry	Good	AlpineBare
122788	11/09/2011	DarrellKraemer	498028	7076253	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
122789	12/09/2011	DarrellKraemer	496202	7077792	UTMZ8N_WGS84	Colluvium	Brown	Silt	CliffBase	B	40	Frozen	Good	AlpineBare
122790	12/09/2011	DarrellKraemer	496178	7077839	UTMZ8N_WGS84	Colluvium	Brown	Gravel	RidgeAlpine	B	40	Dry	Good	AlpineBare
122791	12/09/2011	DarrellKraemer	496137	7077869	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	60	Moist	Poor	AlpineBare
122792	12/09/2011	DarrellKraemer	496115	7077903	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122793	12/09/2011	DarrellKraemer	496080	7077933	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	35	Dry	Good	AlpineBare
122794	12/09/2011	DarrellKraemer	496038	7077978	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
122795	12/09/2011	DarrellKraemer	496000	7078019	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	40	Dry	Excellent	AlpineBare
122796	12/09/2011	DarrellKraemer	495967	7078056	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	70	Moist	Excellent	AlpineBare
122797	12/09/2011	DarrellKraemer	495936	7078093	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	60	Frozen	Good	AlpineBare
122798	12/09/2011	DarrellKraemer	495908	7078131	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	80	Dry	Excellent	AlpineBare
122799	12/09/2011	DarrellKraemer	495862	7078164	UTMZ8N_WGS84	Colluvium	BrownLight	Sand	ModerateW	C	75	Dry	Excellent	AlpineBare
122800	12/09/2011	DarrellKraemer	495763	7078266	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	85	Dry	Excellent	AlpineBare
122801	12/09/2011	DarrellKraemer	495739	7078317	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	60	Dry	Good	AlpineBare
122802	12/09/2011	DarrellKraemer	495725	7078358	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	70	Dry	Good	AlpineBare
122803	12/09/2011	DarrellKraemer	495693	7078402	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	40	Wet	Poor	ForestFir
122804	12/09/2011	DarrellKraemer	495659	7078467	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	Depression	C	60	Dry	Excellent	ForestMixed
122805	12/09/2011	DarrellKraemer	495652	7078497	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	70	Dry	Excellent	ForestMixed
122806	12/09/2011	DarrellKraemer	495629	7078539	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	70	Dry	Good	ForestFir
122807	12/09/2011	DarrellKraemer	495605	7078580	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	60	Dry	Good	ForestMixed
122808	12/09/2011	DarrellKraemer	495587	7078625	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	65	Dry	Good	ForestMixed
122809	12/09/2011	DarrellKraemer	495563	7078670	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	70	Dry	Excellent	ForestMixed
122810	12/09/2011	DarrellKraemer	495548	7078719	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	80	Dry	Good	ForestMixed
122811	12/09/2011	DarrellKraemer	495518	7078762	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	70	Dry	Excellent	ForestMixed
122812	12/09/2011	DarrellKraemer	495497	7078806	UTMZ8N_WGS84	Colluvium	BrownLight	Silt	ModerateW	C	60	Dry	Good	ForestMixed

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
122813	12/09/2011	DarrellKraemer	495475	7078855	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	85	Dry	Good	ForestMixed
122814	12/09/2011	DarrellKraemer	495446	7078890	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	80	Dry	Excellent	ForestMixed
122815	12/09/2011	DarrellKraemer	495427	7078943	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	50	Dry	Good	ForestMixed
122816	12/09/2011	DarrellKraemer	495406	7078986	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	60	Dry	Excellent	ForestMixed
122817	12/09/2011	DarrellKraemer	495385	7079032	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	70	Dry	Good	ForestMixed
125183	08/09/2011	MartyHuber	482013	7080465	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	30	Dry	Good	AlpineBare
125184	08/09/2011	MartyHuber	481936	7080412	UTMZ8N_WGS84	Lithosoil	Black	Gravel	RidgeAlpine	C	30	Dry	Good	AlpineBare
125185	08/09/2011	MartyHuber	481848	7080369	UTMZ8N_WGS84	Lithosoil	Black	Gravel	RidgeAlpine	C	35	Dry	Good	AlpineBare
125186	08/09/2011	MartyHuber	481792	7080286	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	C	35	Dry	Good	AlpineBare
125187	08/09/2011	MartyHuber	481737	7080195	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125188	08/09/2011	MartyHuber	481671	7080127	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	C	45	Dry	Good	AlpineBare
125189	08/09/2011	MartyHuber	481636	7080144	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	C	35	Dry	Good	AlpineBare
125190	08/09/2011	MartyHuber	481582	7080139	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateSW	B	55	Dry	Good	AlpineBare
125191	08/09/2011	MartyHuber	481539	7080156	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateSW	B	55	Dry	Good	AlpineBare
125192	08/09/2011	MartyHuber	481479	7080162	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateSW	C	50	Dry	Good	ForestFir
125193	08/09/2011	MartyHuber	481432	7080173	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	C	50	Dry	Good	ForestBlackSpruce
125194	08/09/2011	MartyHuber	481381	7080175	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateSW	C	45	Dry	Good	ForestMixed
125195	08/09/2011	MartyHuber	481344	7080197	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	50	Dry	Good	ForestMixed
125196	08/09/2011	MartyHuber	481284	7080200	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	45	Dry	Good	ForestMixed
125197	08/09/2011	MartyHuber	481238	7080211	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	50	Moist	Good	ForestMixed
125198	08/09/2011	MartyHuber	481198	7080216	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	45	Moist	Good	ForestMixed
125199	08/09/2011	MartyHuber	481142	7080211	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	40	Dry	Good	ForestMixed
125200	08/09/2011	MartyHuber	481097	7080234	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	50	Dry	Good	ForestMixed
125201	08/09/2011	MartyHuber	481044	7080236	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	65	Wet	Good	ForestMixed
125202	08/09/2011	MartyHuber	480989	7080246	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	70	Wet	Good	ForestMixed
125203	08/09/2011	MartyHuber	480945	7080251	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	65	Wet	Good	ForestMixed
125204	08/09/2011	MartyHuber	480897	7080264	UTMZ8N_WGS84	Colluvium	Brown	Silt	Flat	C	70	Moist	Good	ForestMixed
125205	08/09/2011	MartyHuber	480841	7080266	UTMZ8N_WGS84	Colluvium	Brown	Silt	Flat	C	55	Wet	Good	ForestMixed
125206	08/09/2011	MartyHuber	480793	7080280	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	65	Moist	Good	ForestMixed
125207	08/09/2011	MartyHuber	480743	7080284	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	50	Wet	Good	ForestMixed
125208	08/09/2011	MartyHuber	480697	7080297	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	55	Wet	Good	ForestMixed
125209	08/09/2011	MartyHuber	480645	7080303	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	55	Wet	Good	ForestMixed
125210	08/09/2011	MartyHuber	480599	7080309	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	50	Wet	Good	ForestMixed
125211	08/09/2011	MartyHuber	480545	7080314	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	45	Moist	Good	ForestMixed
125212	08/09/2011	MartyHuber	480492	7080322	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	60	Wet	Good	ForestMixed
125213	08/09/2011	MartyHuber	480445	7080334	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Wet	Good	ForestMixed
125214	08/09/2011	MartyHuber	480394	7080333	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	50	Dry	Good	ForestMixed
125215	08/09/2011	MartyHuber	480350	7080354	UTMZ8N_WGS84	Colluvium	Grey	Silt	Drainage	C	35	Wet		ForestMixed
125216	08/09/2011	MartyHuber	480295	7080354	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	45	Dry	Good	ForestMixed
125217	08/09/2011	MartyHuber	480251	7080366	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	45	Wet	Good	ForestMixed
125218	08/09/2011	MartyHuber	480203	7080369	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	50	Wet	Good	ForestMixed
125219	08/09/2011	MartyHuber	480156	7080377	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Moist	Good	ForestMixed
125220	08/09/2011	MartyHuber	480104	7080387	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	50	Dry	Good	ForestMixed
125221	08/09/2011	MartyHuber	480053	7080392	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	55	Dry	Good	ForestMixed
125222	08/09/2011	MartyHuber				Colluvium	Brown	Sand	ModerateW	C	55	Dry	Good	ForestMixed
125223	08/09/2011	MartyHuber	479980	7080464	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	45	Dry	Good	ForestMixed
125224	08/09/2011	MartyHuber	479960	7080502	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	35	Wet	Good	ForestMixed
125225	08/09/2011	MartyHuber	479929	7080545	UTMZ8N_WGS84	Colluvium	Grey	Silt	Flat	C	45	Moist	Good	ForestMixed
125226	08/09/2011	MartyHuber	479888	7080582	UTMZ8N_WGS84	Colluvium	Brown	Silt	Flat	C	55	Moist	Good	ForestMixed
125227	08/09/2011	MartyHuber	479862	7080622	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	70	Wet	Good	ForestMixed
125228	08/09/2011	MartyHuber	479834	7080667	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	40	Dry	Good	ForestMixed
125229	08/09/2011	MartyHuber	479806	7080707	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	50	Dry	Good	ForestMixed

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
125230	08/09/2011	MartyHuber	479771	7080743	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Moist	Good	ForestMixed
125231	08/09/2011	MartyHuber	479744	7080783	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	55	Wet	Good	ForestMixed
125232	08/09/2011	MartyHuber	479718	7080821	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	50	Wet	Good	ForestMixed
125233	08/09/2011	MartyHuber	479683	7080864	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	50	Wet	Good	ForestMixed
125234	08/09/2011	MartyHuber	479653	7080894	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Dry	Excellent	ForestMixed
125235	08/09/2011	MartyHuber	479624	7080940	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	55	Moist	Good	ForestMixed
125236	08/09/2011	MartyHuber	479591	7080977	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	85	Moist	Good	ForestMixed
125237	08/09/2011	MartyHuber	479554	7081012	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Dry	Excellent	ForestMixed
125238	09/09/2011	MartyHuber	485075	7081271	UTMZ8N_WGS84	Lithosol	Black	Sand	RidgeAlpine	B	45	Dry	Excellent	AlpineBare
125239	09/09/2011	MartyHuber	485033	7081230	UTMZ8N_WGS84	Lithosol	Black	Sand	RidgeAlpine	B	50	Dry	Good	AlpineBare
125240	09/09/2011	MartyHuber	485005	7081199	UTMZ8N_WGS84	Lithosol	Black	Sand	RidgeAlpine	B	45	Dry	Good	AlpineBare
125241	09/09/2011	MartyHuber	484968	7081170	UTMZ8N_WGS84	Lithosol	Black	Sand	RidgeAlpine	B	40	Dry	Good	AlpineBare
125242	09/09/2011	MartyHuber	484946	7081128	UTMZ8N_WGS84	Lithosol	Black	Sand	RidgeAlpine	B	40	Dry	Good	AlpineBare
125243	09/09/2011	MartyHuber	484909	7081084	UTMZ8N_WGS84	Lithosol	Black	Sand	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
125244	09/09/2011	MartyHuber	484881	7081047	UTMZ8N_WGS84	Lithosol	Black	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125245	09/09/2011	MartyHuber	484842	7081013	UTMZ8N_WGS84	Lithosol	Black	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125246	09/09/2011	MartyHuber	484813	7080971	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	C	40	Dry	Good	AlpineBare
125247	09/09/2011	MartyHuber	484781	7080939	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125248	09/09/2011	MartyHuber	484742	7080894	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125249	09/09/2011	MartyHuber	484700	7080869	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125250	09/09/2011	MartyHuber	484656	7080850	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	60	Dry	Good	AlpineBare
125251	09/09/2011	MartyHuber	484618	7080822	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	35	Dry	Good	AlpineBare
125252	09/09/2011	MartyHuber	484569	7080797	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125253	09/09/2011	MartyHuber	484524	7080774	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125254	09/09/2011	MartyHuber	484482	7080749	UTMZ8N_WGS84	Lithosol	Black	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125255	09/09/2011	MartyHuber	484439	7080711	UTMZ8N_WGS84	Lithosol	Grey	Silt	RidgeAlpine	B	45	Wet	Good	AlpineBare
125256	09/09/2011	MartyHuber	484396	7080696	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Wet	Good	AlpineBare
125257	09/09/2011	MartyHuber	484348	7080671	UTMZ8N_WGS84	Lithosol	Black	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125258	09/09/2011	MartyHuber	484310	7080645	UTMZ8N_WGS84	Lithosol	Brown	Sand	RidgeAlpine	C	55	Dry	Excellent	AlpineBare
125259	09/09/2011	MartyHuber	484268	7080625	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	25	Dry	Good	AlpineBare
125260	09/09/2011	MartyHuber	484223	7080612	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125261	09/09/2011	MartyHuber	484171	7080620	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125262	09/09/2011	MartyHuber	484125	7080629	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	C	40	Dry	Good	AlpineBare
125263	09/09/2011	MartyHuber	484079	7080644	UTMZ8N_WGS84	Lithosol	Grey	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
125264	09/09/2011	MartyHuber	484029	7080638	UTMZ8N_WGS84	Lithosol	Grey	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125265	09/09/2011	MartyHuber	483980	7080631	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	60	Dry	Excellent	AlpineBare
125266	09/09/2011	MartyHuber	483925	7080631	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	55	Dry	Excellent	AlpineBare
125267	09/09/2011	MartyHuber	483875	7080627	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	30	Dry	Good	AlpineBare
125268	09/09/2011	MartyHuber	483829	7080627	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125269	09/09/2011	MartyHuber	483780	7080617	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125270	09/09/2011	MartyHuber	483731	7080608	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125271	09/09/2011	MartyHuber	483690	7080596	UTMZ8N_WGS84	Lithosol	Green	Silt	RidgeAlpine	C	55	Dry	Excellent	AlpineBare
125272	09/09/2011	MartyHuber	483633	7080580	UTMZ8N_WGS84	Lithosol	BrownLight	Silt	RidgeAlpine	C	50	Dry	Excellent	AlpineBare
125273	09/09/2011	MartyHuber	483579	7080578	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125274	09/09/2011	MartyHuber	483526	7080556	UTMZ8N_WGS84	Lithosol	Black	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125275	09/09/2011	MartyHuber	483485	7080541	UTMZ8N_WGS84	Lithosol	Black	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125276	09/09/2011	MartyHuber	483444	7080528	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
125277	09/09/2011	MartyHuber	483406	7080513	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125278	09/09/2011	MartyHuber	483360	7080495	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125279	09/09/2011	MartyHuber	483306	7080499	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125280	09/09/2011	MartyHuber	483259	7080505	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125281	09/09/2011	MartyHuber	483213	7080511	UTMZ8N_WGS84	Lithosol	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
125282	09/09/2011	MartyHuber	483160	7080520	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	60	Dry	Good	AlpineBare
125283	09/09/2011	MartyHuber	483063	7080541	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125284	09/09/2011	MartyHuber	483011	7080552	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125285	09/09/2011	MartyHuber	482966	7080560	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125286	09/09/2011	MartyHuber	482912	7080577	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125287	09/09/2011	MartyHuber	482866	7080586	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125288	09/09/2011	MartyHuber	482820	7080598	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125289	09/09/2011	MartyHuber	482768	7080601	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125290	09/09/2011	MartyHuber	482718	7080604	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125291	09/09/2011	MartyHuber	482671	7080626	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Wet	Good	AlpineBare
125292	09/09/2011	MartyHuber	482620	7080627	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125293	09/09/2011	MartyHuber	482573	7080643	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125294	09/09/2011	MartyHuber	482526	7080654	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125295	09/09/2011	MartyHuber	482478	7080647	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125296	09/09/2011	MartyHuber	482430	7080646	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	55	Dry	Good	AlpineBare
125297	10/09/2011	MartyHuber	482375	7080634	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125298	10/09/2011	MartyHuber	482328	7080623	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125299	10/09/2011	MartyHuber	482279	7080609	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125300	10/09/2011	MartyHuber	482236	7080585	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125301	10/09/2011	MartyHuber	482197	7080563	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125302	10/09/2011	MartyHuber	482151	7080532	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125303	10/09/2011	MartyHuber	482112	7080499	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125304	10/09/2011	MartyHuber	482066	7080479	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Good	AlpineBare
125305	10/09/2011	MartyHuber	482173	7080606	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125306	10/09/2011	MartyHuber	482146	7080646	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125307	10/09/2011	MartyHuber	482118	7080688	UTMZ8N_WGS84	Lithosoil	Brown	Silt	CliffBase	B	40	Dry	Good	AlpineBare
125308	10/09/2011	MartyHuber	482082	7080725	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125309	10/09/2011	MartyHuber	482060	7080764	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateW	B	40	Dry	Good	ForestBlackSpruce
125310	10/09/2011	MartyHuber	482024	7080804	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateW	B	50	Dry	Good	ForestBlackSpruce
125311	10/09/2011	MartyHuber	481991	7080845	UTMZ8N_WGS84	Lithosoil	Brown	Silt	ModerateW	B	50	Moist	Good	ForestBlackSpruce
125312	10/09/2011	MartyHuber	481961	7080886	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateW	B	45	Dry	Good	ForestBlackSpruce
125313	10/09/2011	MartyHuber	481944	7080928	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	55	Dry	Poor	ForestBlackSpruce
125314	10/09/2011	MartyHuber	481900	7080965	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateW	B	25	Moist	Poor	ForestFir
125315	10/09/2011	MartyHuber	481876	7081001	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	B	65	Wet	Good	ForestBlackSpruce
125316	10/09/2011	MartyHuber	481845	7081052	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	65	Wet	Good	ForestBlackSpruce
125317	10/09/2011	MartyHuber	481814	7081087	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	65	Wet	Good	ForestBlackSpruce
125318	10/09/2011	MartyHuber	481788	7081130	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	B	65	Moist	Good	ForestBlackSpruce
125319	10/09/2011	MartyHuber	481759	7081172	UTMZ8N_WGS84	Colluvium	Grey	Silt	Drainage	C	40	Moist	Good	ForestBlackSpruce
125320	10/09/2011	MartyHuber	481734	7081212	UTMZ8N_WGS84	Colluvium	Grey	Silt	Drainage	C	55	Wet	Excellent	ForestBlackSpruce
125321	10/09/2011	MartyHuber	481695	7081249	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	B	50	Moist	Good	ForestBlackSpruce
125322	10/09/2011	MartyHuber	481668	7081294	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Dry	Good	ForestBlackSpruce
125323	10/09/2011	MartyHuber	481634	7081330	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	55	Dry	Good	ForestBlackSpruce
125324	10/09/2011	MartyHuber	481611	7081368	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	55	Dry	Good	ForestBlackSpruce
125325	10/09/2011	MartyHuber	481580	7081416	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	60	Dry	Good	ForestBlackSpruce
125326	10/09/2011	MartyHuber	481555	7081451	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	65	Moist	Good	ForestBlackSpruce
125327	10/09/2011	MartyHuber	481521	7081491	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	55	Dry	Excellent	ForestBlackSpruce
125328	10/09/2011	MartyHuber	481490	7081530	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	55	Wet	Good	ForestBlackSpruce
125329	10/09/2011	MartyHuber	481467	7081564	UTMZ8N_WGS84	Colluvium	Green	Silt	ModerateW	C	60	Wet	Good	ForestBlackSpruce
125330	10/09/2011	MartyHuber	481433	7081613	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	B	55	Moist	Poor	ForestBlackSpruce
125331	10/09/2011	MartyHuber	481400	7081649	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	60	Wet	Good	ForestBlackSpruce
125332	10/09/2011	MartyHuber	481338	7081729	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	45	Dry	Good	ForestBlackSpruce
125333	10/09/2011	MartyHuber	481305	7081775	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	50	Wet	Good	ForestBlackSpruce

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
125334	10/09/2011	MartyHuber	481283	7081810	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	55	Wet	Good	ForestBlackSpruce
125335	10/09/2011	MartyHuber	481258	7081856	UTMZ8N_WGS84	Colluvium	Brown	Silt	Drainage	B	20	Wet	Good	ForestBlackSpruce
125336	10/09/2011	MartyHuber	481223	7081892	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	45	Wet	Good	ForestBlackSpruce
125337	10/09/2011	MartyHuber	481193	7081933	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	45	Moist	Good	ForestBlackSpruce
125338	10/09/2011	MartyHuber	481176	7081989	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	40	Dry	Good	ForestBlackSpruce
125339	10/09/2011	MartyHuber	481133	7082015	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	45	Dry	Good	ForestBlackSpruce
125340	10/09/2011	MartyHuber	481100	7082057	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	55	Dry	Good	ForestBlackSpruce
125341	10/09/2011	MartyHuber	481077	7082097	UTMZ8N_WGS84	Lithosoil	Grey	Silt	ModerateW	C	45	Dry	Good	ForestBlackSpruce
125342	10/09/2011	MartyHuber	481052	7082135	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	45	Moist	Good	ForestBlackSpruce
125343	10/09/2011	MartyHuber	481017	7082172	UTMZ8N_WGS84	Colluvium	Brown	Sand	ModerateW	C	50	Dry	Good	ForestBlackSpruce
125344	10/09/2011	MartyHuber	480952	7082244	UTMZ8N_WGS84	Colluvium	Grey	Sand	ModerateW	C	45	Dry	Good	ForestBlackSpruce
125345	10/09/2011	MartyHuber	480865	7082372	UTMZ8N_WGS84	Colluvium	Grey	Sand	Flat	C	45	Wet	Good	ForestBlackSpruce
125346	10/09/2011	MartyHuber	480832	7082421	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateW	C	40	Wet	Good	ForestBlackSpruce
125347	11/09/2011	MartyHuber	496316	7077175	UTMZ8N_WGS84	Lithosoil	Black	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
125348	11/09/2011	MartyHuber	496276	7077263	UTMZ8N_WGS84	Lithosoil	Black	Silt	RidgeAlpine	B	30	Dry	Good	AlpineBare
125349	11/09/2011	MartyHuber	496229	7077349	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	35	Dry	Good	AlpineBare
125350	11/09/2011	MartyHuber	496194	7077448	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	50	Dry	Excellent	AlpineBare
125351	11/09/2011	MartyHuber	496188	7077559	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125352	11/09/2011	MartyHuber	496195	7077657	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	35	Dry	Good	AlpineBare
125353	11/09/2011	MartyHuber	496242	7077765	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125354	11/09/2011	MartyHuber	496281	7077836	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125355	11/09/2011	MartyHuber	496332	7077927	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	45	Dry	Good	AlpineBare
125356	11/09/2011	MartyHuber	496376	7078013	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	40	Dry	Good	AlpineBare
125357	11/09/2011	MartyHuber	496400	7078106	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	20	Dry	Good	AlpineBare
125358	11/09/2011	MartyHuber	496439	7078142	UTMZ8N_WGS84	Lithosoil	Brown	Silt	RidgeAlpine	B	30	Dry	Good	AlpineBare
125359	11/09/2011	MartyHuber	496492	7078328	UTMZ8N_WGS84	Lithosoil	BrownDark	Sand	SteepNW	B	35	Dry	Good	AlpineBare
125360	11/09/2011	MartyHuber	496543	7078427	UTMZ8N_WGS84	Lithosoil	Brown	Sand	ModerateNW	B	35	Dry	Good	AlpineBare
125361	11/09/2011	MartyHuber	496597	7078518	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	55	Dry	Good	ForestBlackSpruce
125362	11/09/2011	MartyHuber	496637	7078607	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	55	Dry	Good	ForestBlackSpruce
125363	11/09/2011	MartyHuber	496687	7078696	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	55	Dry	Good	ForestBlackSpruce
125364	11/09/2011	MartyHuber	496742	7078784	UTMZ8N_WGS84	Lithosoil	BrownLight	Silt	Flat	B	35	Dry	Good	ForestBlackSpruce
125365	11/09/2011	MartyHuber	496778	7078877	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	45	Dry	Good	ForestBlackSpruce
125366	11/09/2011	MartyHuber	496817	7078965	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	50	Dry	Good	ForestBlackSpruce
125367	11/09/2011	MartyHuber	496854	7079056	UTMZ8N_WGS84	Lithosoil	Green	Silt	Flat	B	55	Dry	Excellent	ForestBlackSpruce
125368	11/09/2011	MartyHuber	496878	7079154	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	45	Dry	Good	ForestBlackSpruce
125369	11/09/2011	MartyHuber	496922	7079243	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	50	Dry	Good	ForestBlackSpruce
125370	11/09/2011	MartyHuber	496977	7079331	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Flat	B	35	Dry	Good	ForestBlackSpruce
133474	08/09/2011	BernardDube	481976	7080427	UTMZ8N_WGS84		Black	Gravel	RidgeAlpine	C	70	Dry	Excellent	AlpineBare
133475	08/09/2011	BernardDube	481882	7080388	UTMZ8N_WGS84	Colluvium	Black	Gravel	RidgeAlpine	C	50	Dry	Excellent	AlpineBare
133476	08/09/2011	BernardDube	481763	7080243	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	50	Moist	Excellent	AlpineBare
133477	08/09/2011	BernardDube	481712	7080157	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	C	60	Moist	Excellent	AlpineBare
133478	08/09/2011	BernardDube	481690	7080103	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	70	Moist	Excellent	AlpineBare
133479	08/09/2011	BernardDube	481712	7080066	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	65	Moist	Excellent	AlpineBare
133480	08/09/2011	BernardDube	481738	7080034	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Moist	Excellent	AlpineBare
133481	08/09/2011	BernardDube	481750	7079990	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Moist	Excellent	AlpineBare
133482	08/09/2011	BernardDube	481754	7079940	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	50	Moist	Good	ForestAspen
133483	08/09/2011	BernardDube	481761	7079889	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	ForestAspen
133485	08/09/2011	BernardDube	481778	7079840	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Moist	Good	ForestBlackSpruce
133486	08/09/2011	BernardDube	481786	7079790	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Moist	Excellent	ForestBlackSpruce
133487	08/09/2011	BernardDube	481794	7079745	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	45	Dry	Excellent	ForestBlackSpruce
133488	08/09/2011	BernardDube	481796	7079693	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	80	Moist	Excellent	ForestBlackSpruce
133489	08/09/2011	BernardDube	481801	7079648	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Moist	Excellent	ForestBlackSpruce

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
133490	08/09/2011	BernardDube	481811	7079600	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	65	Moist	Excellent	ForestBlackSpruce
133491	08/09/2011	BernardDube	481818	7079549	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Moist	Excellent	ForestBlackSpruce
133492	08/09/2011	BernardDube	481830	7079489	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	65	Moist	Excellent	ForestBlackSpruce
133493	08/09/2011	BernardDube	481839	7079445	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Moist	Excellent	ForestBlackSpruce
133494	08/09/2011	BernardDube	481843	7079396	UTMZ8N_WGS84	Colluvium	BrownLight	Silt		B	40	Moist	Excellent	ForestBlackSpruce
133495	08/09/2011	BernardDube	481848	7079352	UTMZ8N_WGS84	Colluvium	BrownLight	Silt		B	30	Dry	Excellent	ForestBlackSpruce
133496	08/09/2011	BernardDube	481853	7079303	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	40	Dry	Excellent	SubAlpineBrush
133497	08/09/2011	BernardDube	481868	7079251	UTMZ8N_WGS84	Lithosoil	Brown	Silt		B	25	Moist	Excellent	ForestAspen
133498	08/09/2011	BernardDube	481881	7079202	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Moist	Excellent	ForestAspen
133499	08/09/2011	BernardDube	481897	7079148	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	50	Moist	Good	ForestAspen
133500	08/09/2011	BernardDube	481908	7079100	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	40	Moist	Good	ForestAspen
133501	08/09/2011	BernardDube	481903	7079055	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	50	Moist	Good	ForestAspen
133502	08/09/2011	BernardDube	481915	7079001	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	55	Moist	Good	ForestAspen
133503	08/09/2011	BernardDube	481929	7078964	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	80	Dry	Excellent	ForestAspen
133504	08/09/2011	BernardDube	481943	7078908	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	70	Dry	Excellent	ForestAspen
133505	08/09/2011	BernardDube	481933	7078880	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Dry	Excellent	ForestAspen
133506	08/09/2011	BernardDube	481944	7078836	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	60	Dry	Excellent	ForestBlackSpruce
133507	08/09/2011	BernardDube	481960	7078759	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Moist	Excellent	ForestAspen
133508	08/09/2011	BernardDube	481954	7078710	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	ForestAspen
133509	09/09/2011	BernardDube	483071	7081339	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	75	Moist	Excellent	ForestBlackSpruce
133510	09/09/2011	BernardDube	483068	7081296	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	80	Moist	Excellent	ForestAspen
133511	09/09/2011	BernardDube	483072	7081246	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	65	Moist	Excellent	ForestBlackSpruce
133512	09/09/2011	BernardDube	483068	7081194	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	60	Moist	Good	ForestBlackSpruce
133513	09/09/2011	BernardDube	483078	7081144	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	80	Moist	Excellent	ForestBlackSpruce
133514	09/09/2011	BernardDube	483080	7081095	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	80	Moist	Good	ForestBlackSpruce
133515	09/09/2011	BernardDube	483084	7081056	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	85	Moist	Good	ForestBlackSpruce
133516	09/09/2011	BernardDube	483076	7080985	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	55	Moist	Good	ForestBlackSpruce
133517	09/09/2011	BernardDube	483084	7080949	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	70	Moist	Good	ForestBlackSpruce
133518	09/09/2011	BernardDube	483088	7080897	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	60	Moist	Good	ForestAspen
133519	09/09/2011	BernardDube	483094	7080858	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	80	Moist	Good	ForestAspen
133520	09/09/2011	BernardDube	483091	7080800	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	80	Moist	Excellent	AlpineBare
133521	09/09/2011	BernardDube	483098	7080744	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	70	Moist	Excellent	AlpineBare
133522	09/09/2011	BernardDube	483092	7080693	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	65	Moist	Good	AlpineBare
133523	09/09/2011	BernardDube	483103	7080645	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	55	Moist	Excellent	AlpineBare
133524	09/09/2011	BernardDube	483093	7080602	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Moist	Excellent	AlpineBare
133525	09/09/2011	BernardDube	483102	7080542	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	70	Moist	Excellent	AlpineBare
133526	09/09/2011	BernardDube	483093	7080494	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Moist	Excellent	AlpineBare
133527	09/09/2011	BernardDube	483096	7080445	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	45	Moist	Excellent	AlpineBare
133528	09/09/2011	BernardDube	483079	7080402	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	50	Moist	Good	AlpineBare
133529	09/09/2011	BernardDube	483089	7080347	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	55	Moist	Excellent	AlpineBare
133530	09/09/2011	BernardDube	483069	7080304	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Moist	Good	AlpineBare
133531	09/09/2011	BernardDube	483070	7080248	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	65	Moist	Excellent	AlpineBare
133532	09/09/2011	BernardDube	483074	7080197	UTMZ8N_WGS84	Colluvium	Black	Silt		C	90	Dry	Good	AlpineBare
133533	09/09/2011	BernardDube	483048	7080102	UTMZ8N_WGS84	Colluvium	Black	Silt		B	70	Dry	Excellent	AlpineBare
133534	09/09/2011	BernardDube	483051	7080055	UTMZ8N_WGS84	Colluvium	Black	Silt		B	70	Dry	Excellent	AlpineBare
133535	09/09/2011	BernardDube	483018	7080014	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	70	Moist	Good	AlpineBare
133536	09/09/2011	BernardDube	482975	7079979	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Dry	Excellent	AlpineBare
133537	09/09/2011	BernardDube	482938	7079944	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Dry	Good	AlpineBare
133538	09/09/2011	BernardDube	482902	7079921	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	AlpineBare
133539	09/09/2011	BernardDube	482868	7079875	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	55	Dry	Good	ForestBlackSpruce
133540	09/09/2011	BernardDube	482839	7079855	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	110	Moist	Good	ForestBlackSpruce
133541	09/09/2011	BernardDube	482799	7079805	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Moist	Excellent	ForestBlackSpruce

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
133543	09/09/2011	BernardDube	483713	7082266	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	50	Moist	Good	ForestBlackSpruce
133544	10/09/2011	BernardDube	483621	7082320	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	80	Moist	Excellent	ForestBlackSpruce
133545	10/09/2011	BernardDube	483533	7082359	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Dry	Good	ForestBlackSpruce
133546	10/09/2011	BernardDube	483444	7082400	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Good	ForestBlackSpruce
133547	10/09/2011	BernardDube	483344	7082448	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Moist	Excellent	ForestBlackSpruce
133548	10/09/2011	BernardDube	483260	7082493	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	40	Moist	Good	ForestBlackSpruce
133549	10/09/2011	BernardDube	483172	7082543	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Moist	Excellent	ForestBlackSpruce
133550	10/09/2011	BernardDube	483092	7082588	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	70	Moist	Excellent	ForestBlackSpruce
133551	10/09/2011	BernardDube	483000	7082642	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	120	Wet	Good	ForestBlackSpruce
133552	10/09/2011	BernardDube	482906	7082688	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Moist	Excellent	ForestBlackSpruce
133553	10/09/2011	BernardDube	482818	7082733	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	70	Moist	Excellent	ForestBlackSpruce
133554	10/09/2011	BernardDube	482734	7082779	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	B	60	Moist	Excellent	ForestBlackSpruce
133555	10/09/2011	BernardDube	482657	7082819	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	60	Moist	Good	ForestBlackSpruce
133556	10/09/2011	BernardDube	482557	7082858	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	B	80	Moist	Excellent	ForestBlackSpruce
133557	10/09/2011	BernardDube	482465	7082917	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	B	50	Frozen	Excellent	ForestBlackSpruce
133558	10/09/2011	BernardDube	482376	7082959	UTMZ8N_WGS84	Colluvium	Grey	Silt	ModerateNW	B	80	Moist	Excellent	ForestBlackSpruce
133559	10/09/2011	BernardDube	482277	7082987	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Frozen	Excellent	ForestBlackSpruce
133560	10/09/2011	BernardDube	482191	7082995	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Frozen	Excellent	ForestBlackSpruce
133561	10/09/2011	BernardDube	482084	7083004	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	50	Moist	Good	ForestBlackSpruce
133562	10/09/2011	BernardDube	481985	7083011	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Dry	Excellent	ForestMixed
133563	10/09/2011	BernardDube	481886	7083017	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	60	Dry	Excellent	ForestMixed
133564	10/09/2011	BernardDube	481782	7083033	UTMZ8N_WGS84	Colluvium	BrownLight	Silt		B	50	Moist	Excellent	ForestMixed
133565	10/09/2011	BernardDube	481691	7083041	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Moist	Excellent	ForestMixed
133566	10/09/2011	BernardDube	481582	7083052	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	45	Frozen	Excellent	ForestMixed
133567	10/09/2011	BernardDube	481487	7083053	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	65	Moist	Excellent	ForestMixed
133568	10/09/2011	BernardDube	481381	7083078	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Moist	Excellent	ForestMixed
133569	10/09/2011	BernardDube	481295	7083076	UTMZ8N_WGS84	Colluvium	Brown	Gravel		B	50	Dry	Excellent	ForestMixed
133570	10/09/2011	BernardDube	481193	7083089	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Moist	Excellent	ForestMixed
133571	11/09/2011	BernardDube	498269	7078011	UTMZ8N_WGS84	Lithosoil	Brown	Silt		B	25	Dry	Good	AlpineBare
133572	11/09/2011	BernardDube	498241	7078037	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	35	Dry	Good	AlpineBare
133573	11/09/2011	BernardDube	498204	7078077	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Good	AlpineBare
133574	11/09/2011	BernardDube	498175	7078121	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Dry	Excellent	AlpineBare
133575	11/09/2011	BernardDube	498141	7078150	UTMZ8N_WGS84	Colluvium	Grey	Silt		C	35	Dry	Good	AlpineBare
133576	11/09/2011	BernardDube	498100	7078189	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Dry	Excellent	AlpineBare
133577	11/09/2011	BernardDube	498064	7078223	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Dry	Excellent	AlpineBare
133578	11/09/2011	BernardDube	498027	7078252	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Dry	Excellent	AlpineBare
133579	11/09/2011	BernardDube	497991	7078290	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
133580	11/09/2011	BernardDube	497958	7078322	UTMZ8N_WGS84	Colluvium	Grey	Silt	RidgeAlpine	B	60	Moist	Excellent	AlpineBare
133581	11/09/2011	BernardDube	497921	7078360	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	50	Moist	Excellent	AlpineBare
133582	11/09/2011	BernardDube	497893	7078399	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	30	Dry	Good	AlpineBare
133583	11/09/2011	BernardDube	497849	7078425	UTMZ8N_WGS84	Lithosoil	BrownDark	Gravel	RidgeAlpine	B	20	Dry	Good	AlpineBare
133584	11/09/2011	BernardDube	497810	7078467	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	30	Dry	Excellent	AlpineBare
133585	11/09/2011	BernardDube	497780	7078500	UTMZ8N_WGS84	Lithosoil	Brown	Silt		B	25	Dry	Excellent	AlpineBare
133586	11/09/2011	BernardDube	497740	7078587	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Moist	Excellent	ForestBlackSpruce
133587	11/09/2011	BernardDube	497712	7078630	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Moist	Excellent	ForestBlackSpruce
133588	11/09/2011	BernardDube	497675	7078672	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	55	Moist	Excellent	ForestBlackSpruce
133589	11/09/2011	BernardDube	497658	7078711	UTMZ8N_WGS84	Colluvium	RustyOrange	Silt		B	60	Moist	Excellent	ForestBlackSpruce
133590	11/09/2011	BernardDube	497639	7078751	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	30	Dry	Excellent	ForestBlackSpruce
133591	11/09/2011	BernardDube	497608	7078791	UTMZ8N_WGS84	Colluvium	BrownDark	Silt		B	35	Moist	Good	ForestBlackSpruce
133592	11/09/2011	BernardDube	497575	7078841	UTMZ8N_WGS84	Colluvium	RustyOrange	Silt		B	30	Moist	Good	ForestBlackSpruce
133593	11/09/2011	BernardDube	497555	7078887	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Good	ForestBlackSpruce
133594	11/09/2011	BernardDube	497529	7078936	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	ForestBlackSpruce

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
133595	11/09/2011	BernardDube	497510	7078975	UTMZ8N_WGS84	Colluvium	RustyOrange	Silt		B	40	Dry	Excellent	ForestBlackSpruce
133596	11/09/2011	BernardDube	497488	7079021	UTMZ8N_WGS84	Colluvium	RustyOrange	Silt		B	40	Dry	Good	ForestBlackSpruce
133597	11/09/2011	BernardDube	497459	7079062	UTMZ8N_WGS84	Colluvium	BrownLight	Silt		B	60	Dry	Excellent	ForestBlackSpruce
133598	11/09/2011	BernardDube	497430	7079112	UTMZ8N_WGS84	Colluvium	RustyOrange	Silt		B	40	Dry	Excellent	ForestBlackSpruce
133599	11/09/2011	BernardDube	497407	7079158	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Excellent	ForestBlackSpruce
133600	11/09/2011	BernardDube	497392	7079190	UTMZ8N_WGS84	Colluvium	RustyOrange	Silt		B	50	Dry	Excellent	ForestBlackSpruce
133601	11/09/2011	BernardDube	497361	7079236	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	ForestBlackSpruce
133602	11/09/2011	BernardDube	497329	7079275	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	ForestBlackSpruce
133603	11/09/2011	BernardDube	497303	7079330	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	65	Dry	Excellent	ForestBlackSpruce
133604	12/09/2011	BernardDube	498780	7077513	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	35	Dry	Excellent	AlpineBare
133605	12/09/2011	BernardDube	498752	7077570	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	35	Dry	Good	AlpineBare
133606	12/09/2011	BernardDube	498721	7077667	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Excellent	AlpineBare
133607	12/09/2011	BernardDube	498693	7077699	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	65	Dry	Good	AlpineBare
133608	12/09/2011	BernardDube	498665	7077752	UTMZ8N_WGS84	Colluvium	Brown	Silt		C	65	Moist	Good	AlpineBare
133609	12/09/2011	BernardDube	498609	7077818	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	45	Dry	Excellent	AlpineBare
133610	12/09/2011	BernardDube	498558	7077846	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	60	Dry	Excellent	AlpineBare
133611	12/09/2011	BernardDube	498518	7077871	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	35	Dry	Excellent	AlpineBare
133612	12/09/2011	BernardDube	498472	7077892	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Excellent	AlpineBare
133613	12/09/2011	BernardDube	498401	7077937	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Excellent	AlpineBare
133614	12/09/2011	BernardDube	498342	7077956	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Excellent	AlpineBare
133615	12/09/2011	BernardDube	498269	7077968	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	45	Moist	Excellent	AlpineBare
133616	12/09/2011	BernardDube	498148	7077977	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	80	Moist	Excellent	AlpineBare
133617	12/09/2011	BernardDube	498094	7077964	UTMZ8N_WGS84	Colluvium	BrownDark	Silt		B	35	Moist	Good	AlpineBare
133618	12/09/2011	BernardDube	498046	7077955	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	40	Moist	Excellent	AlpineBare
133619	12/09/2011	BernardDube	497990	7077952	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Excellent	AlpineBare
133620	12/09/2011	BernardDube	497955	7077955	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Good	AlpineBare
133621	12/09/2011	BernardDube	497889	7077947	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Moist	Good	AlpineBare
133622	12/09/2011	BernardDube	497844	7077955	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	80	Moist	Excellent	AlpineBare
133623	12/09/2011	BernardDube	497801	7077953	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Moist	Excellent	AlpineBare
133624	12/09/2011	BernardDube	497745	7077935	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Dry	Good	AlpineBare
133625	12/09/2011	BernardDube	497691	7077941	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	40	Moist	Good	AlpineBare
133626	12/09/2011	BernardDube	497645	7077947	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	50	Moist	Excellent	AlpineBare
133627	12/09/2011	BernardDube	497603	7077943	UTMZ8N_WGS84	Colluvium	Brown	Silt		B	45	Dry	Excellent	ForestBlackSpruce
133628	12/09/2011	BernardDube	497556	7077942	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	60	Dry	Excellent	ForestBlackSpruce
133629	12/09/2011	BernardDube	497506	7077939	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	70	Moist	Excellent	ForestBlackSpruce
133630	12/09/2011	BernardDube	497460	7077936	UTMZ8N_WGS84	Colluvium	Grey	Silt		B	50	Moist	Excellent	ForestBlackSpruce
134398	08/09/2011	BenDubois	481625	7080097	UTMZ8N_WGS84	Colluvium	Brown	Silt	RidgeAlpine	B	20	Moist	Good	AlpineBare
134399	08/09/2011	BenDubois	481537	7080052	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateSW	B	30	Moist	Good	AlpineBare
134400	08/09/2011	BenDubois	481448	7080006	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	50	Moist	Excellent	AlpineBare
134401	08/09/2011	BenDubois	481362	7079957	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	40	Moist	Good	SubAlpineBrush
134402	08/09/2011	BenDubois	481279	7079901	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	50	Moist	Excellent	SubAlpineFir
134403	08/09/2011	BenDubois	481195	7079854	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	40	Moist	Excellent	SubAlpineFir
134404	08/09/2011	BenDubois	481113	7079801	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	40	Moist	Excellent	SubAlpineFir
134405	08/09/2011	BenDubois	481015	7079759	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	40	Moist	Good	SubAlpineFir
134406	08/09/2011	BenDubois	480930	7079704	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	B	40	Moist	Good	SubAlpineFir
134407	08/09/2011	BenDubois	480834	7079676	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateSW	C	40	Dry	Excellent	SubAlpineFir
134408	08/09/2011	BenDubois	480739	7079667	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	40	Dry	Excellent	SubAlpineFir
134409	08/09/2011	BenDubois	480631	7079645	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	40	Moist	Excellent	SubAlpineFir
134410	08/09/2011	BenDubois	480538	7079648	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	60	Moist	Good	ForestMixed
134411	08/09/2011	BenDubois	480445	7079635	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	70	Moist	Good	ForestMixed
134412	08/09/2011	BenDubois	480340	7079634	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	60	Moist	Good	ForestBlackSpruce
134413	08/09/2011	BenDubois	480244	7079614	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateW	B	60	Moist	Good	ForestMixed

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
134414	08/09/2011	BenDubois	480136	7079616	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	60	Frozen	Good	SubAlpineFir
134415	08/09/2011	BenDubois	480041	7079617	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	60	Wet	Poor	SubAlpineFir
134416	08/09/2011	BenDubois	479940	7079637	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	60	Moist	Good	SubAlpineFir
134417	08/09/2011	BenDubois	479855	7079663	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	80	Wet	Poor	SubAlpineFir
134418	08/09/2011	BenDubois	479754	7079684	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	60	Wet	Poor	SubAlpineFir
134419	08/09/2011	BenDubois	479660	7079709	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	50	Wet	Poor	ForestBlackSpruce
134420	08/09/2011	BenDubois	479564	7079731	UTMZ8N_WGS84	Soil	Brown	Silt	Drainage	B	60	Wet	Poor	ForestBlackSpruce
134421	08/09/2011	BenDubois	479464	7079756	UTMZ8N_WGS84	Soil	BrownDark	Silt	Drainage	B	80	Moist	Good	ForestMixed
134422	08/09/2011	BenDubois	479360	7079784	UTMZ8N_WGS84	Soil	Grey	Silt	Drainage	B	70	Moist	Good	ForestBlackSpruce
134423	08/09/2011	BenDubois	479270	7079800	UTMZ8N_WGS84	Soil	Grey	Silt	Drainage	B	60	Moist	Poor	ForestBlackSpruce
134424	08/09/2011	BenDubois	479181	7079827	UTMZ8N_WGS84	Soil	Grey	Silt	Drainage	B	70	Moist	Good	ForestBlackSpruce
134425	08/09/2011	BenDubois	479077	7079848	UTMZ8N_WGS84	Soil	Brown	Silt	Drainage	B	60	Moist	Good	ForestBlackSpruce
134426	08/09/2011	BenDubois	478977	7079873	UTMZ8N_WGS84	Soil	Brown	Silt	Drainage	B	50	Moist	Poor	ForestBlackSpruce
134427	08/09/2011	BenDubois	478887	7079901	UTMZ8N_WGS84	Soil	Brown	Silt	Drainage	B	50	Moist	Excellent	ForestBlackSpruce
134428	09/09/2011	BenDubois	485000	7081281	UTMZ8N_WGS84	Lithosoil	Black	Silt	RidgeAlpine	B	20	Moist	Good	AlpineBare
134429	09/09/2011	BenDubois	484937	7081280	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	30	Moist	Good	AlpineBare
134430	09/09/2011	BenDubois	484890	7081279	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	30	Moist	Good	AlpineBare
134432	09/09/2011	BenDubois	484832	7081277	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	50	Moist	Excellent	AlpineBare
134433	09/09/2011	BenDubois	484785	7081268	UTMZ8N_WGS84	Soil	Brown	Silt	Ridge	B	40	Moist	Good	AlpineBare
134434	09/09/2011	BenDubois	484731	7081263	UTMZ8N_WGS84	Lithosoil	Black	Gravel	ModerateNW	C	40	Moist	Excellent	AlpineBare
134435	09/09/2011	BenDubois	484687	7081263	UTMZ8N_WGS84	Lithosoil	Black	Silt	ModerateNW	C	60	Moist	Good	AlpineBare
134436	09/09/2011	BenDubois	484645	7081263	UTMZ8N_WGS84	Colluvium	Black	Silt	ModerateNW	B	50	Moist	Excellent	AlpineBare
134437	09/09/2011	BenDubois	484586	7081254	UTMZ8N_WGS84	Lithosoil	Black	Silt	ModerateNW	C	40	Moist	Excellent	AlpineBare
134438	09/09/2011	BenDubois	484536	7081260	UTMZ8N_WGS84	Colluvium	Black	Silt	ModerateNW	C	50	Moist	Excellent	AlpineBare
134439	09/09/2011	BenDubois	484484	7081256	UTMZ8N_WGS84	Colluvium	Black	Silt	ModerateNW	B	50	Moist	Excellent	AlpineBare
134441	09/09/2011	BenDubois	484442	7081246	UTMZ8N_WGS84	Colluvium	Black	Silt	SteepNW	C	40	Moist	Good	AlpineBare
134442	09/09/2011	BenDubois	484389	7081259	UTMZ8N_WGS84	TalusFine	Black	Silt	SteepW	C	50	Moist	Good	AlpineBare
134443	09/09/2011	BenDubois	484342	7081281	UTMZ8N_WGS84	Colluvium	Black	Silt	ModerateW	B	50	Moist	Excellent	SubAlpineFir
134444	09/09/2011	BenDubois	484288	7081284	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	30	Moist	Good	SubAlpineBrush
134445	09/09/2011	BenDubois	484258	7081337	UTMZ8N_WGS84	Soil	Brown	Silt	Flat	B	60	Moist	Good	AlpineBare
134446	09/09/2011	BenDubois	484211	7081352	UTMZ8N_WGS84	Soil	Brown	Silt	Drainage	B	60	Moist	Good	SubAlpineBrush
134447	09/09/2011	BenDubois	484161	7081366	UTMZ8N_WGS84	Soil	Brown	Silt	Drainage	B	40	Moist	Good	SubAlpineBrush
134448	09/09/2011	BenDubois	484096	7081363	UTMZ8N_WGS84	Soil	Brown	Silt	Flat	B	30	Moist	Excellent	SubAlpineBrush
134449	09/09/2011	BenDubois	484045	7081400	UTMZ8N_WGS84	Soil	Brown	Silt	Flat	B	20	Moist	Good	AlpineBare
134450	09/09/2011	BenDubois	483998	7081436	UTMZ8N_WGS84	Soil	Brown	Silt	Flat	B	40	Moist	Good	AlpineBare
134451	09/09/2011	BenDubois	483936	7081467	UTMZ8N_WGS84	Soil	Brown	Silt	Flat	B	40	Moist	Good	AlpineBare
134452	09/09/2011	BenDubois	483888	7081482	UTMZ8N_WGS84	Soil	Brown	Silt	Flat	B	50	Moist	Good	AlpineBare
134453	09/09/2011	BenDubois	483841	7081505	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	60	Moist	Good	AlpineBare
134454	09/09/2011	BenDubois	483799	7081528	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	40	Moist	Poor	AlpineBare
134455	09/09/2011	BenDubois	483756	7081545	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	40	Moist	Poor	SubAlpineBrush
134456	09/09/2011	BenDubois	483707	7081568	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	40	Moist	Good	SubAlpineBrush
134457	09/09/2011	BenDubois	483664	7081564	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	40	Moist	Good	SubAlpineFir
134458	09/09/2011	BenDubois	483615	7081586	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateSW	B	40	Moist	Good	SubAlpineBrush
134459	09/09/2011	BenDubois	483563	7081601	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	40	Dry	Good	SubAlpineBrush
134460	09/09/2011	BenDubois	483506	7081603	UTMZ8N_WGS84	Soil	Brown	Silt	SteepW	B	60	Moist	Good	SubAlpineFir
134461	09/09/2011	BenDubois	483467	7081627	UTMZ8N_WGS84	Colluvium	Black	Silt	SteepW	B	40	Moist	Excellent	SubAlpineFir
134462	09/09/2011	BenDubois	483427	7081625	UTMZ8N_WGS84	Colluvium	BrownDark	Silt	ModerateW	B	60	Moist	Excellent	ForestMixed
134463	09/09/2011	BenDubois	483364	7081637	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateW	B	70	Moist	Excellent	ForestMixed
134464	09/09/2011	BenDubois	483322	7081648	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	B	30	Moist	Excellent	ForestMixed
134465	09/09/2011	BenDubois	483278	7081661	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateW	B	40	Moist	Good	SubAlpineFir
134466	09/09/2011	BenDubois	483232	7081679	UTMZ8N_WGS84	Colluvium	Brown	Silt	SteepW	B	50	Dry	Excellent	ForestMixed
134467	09/09/2011	BenDubois	483174	7081679	UTMZ8N_WGS84	Colluvium	Brown	Silt	ModerateW	C	30	Dry	Excellent	SubAlpineFir

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
134521	10/09/2011	BenDubois	482309	7078719	UTMZ8N_WGS84	Soil	BrownDark	Silt	ModerateSW	B	80	Moist	Good	ForestMixed
134522	11/09/2011	BenDubois	498849	7077392	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	30	Moist	Excellent	AlpineBare
134523	11/09/2011	BenDubois	498881	7077333	UTMZ8N_WGS84	Colluvium	Brown	Silt	Ridge	B	30	Moist	Excellent	AlpineBare
134524	11/09/2011	BenDubois	498907	7077290	UTMZ8N_WGS84	Colluvium	Black	Silt	Ridge	B	30	Moist	Excellent	AlpineBare
134525	11/09/2011	BenDubois	498891	7077237	UTMZ8N_WGS84	Colluvium	Brown	Silt	Ridge	B	40	Moist	Excellent	AlpineBare
134526	11/09/2011	BenDubois	498863	7077206	UTMZ8N_WGS84	Colluvium	Black	Silt	Ridge	B	30	Moist	Good	AlpineBare
134527	11/09/2011	BenDubois	498855	7077150	UTMZ8N_WGS84	Colluvium	Black	Silt	Ridge	B	40	Moist	Excellent	AlpineBare
134528	11/09/2011	BenDubois	498854	7077113	UTMZ8N_WGS84	TalusFine	Brown	Silt	SteepNE	B	30	Dry	Good	AlpineBare
134529	11/09/2011	BenDubois	498811	7077093	UTMZ8N_WGS84	TalusFine	Brown	Silt	SteepN	B	40	Dry	Poor	AlpineBare
134530	11/09/2011	BenDubois	498805	7077019	UTMZ8N_WGS84	TalusFine	Brown	Silt	SteepN	B	30	Moist	Good	AlpineBare
134531	11/09/2011	BenDubois	498802	7076941	UTMZ8N_WGS84	TalusFine	Brown	Silt	SteepE	B	40	Dry	Good	AlpineBare
134532	11/09/2011	BenDubois	498789	7076892	UTMZ8N_WGS84	TalusFine	Brown	Silt	Ridge	B	20	Dry	Good	AlpineBare
134533	11/09/2011	BenDubois	498773	7076857	UTMZ8N_WGS84	TalusFine	Brown	Silt	Ridge	B	40	Dry	Good	AlpineBare
134534	11/09/2011	BenDubois	498766	7076811	UTMZ8N_WGS84	TalusFine	Brown	Silt	Ridge	B	30	Moist	Good	AlpineBare
134535	11/09/2011	BenDubois	498777	7076760	UTMZ8N_WGS84	TalusFine	Brown	Silt	Ridge	B	30	Dry	Poor	AlpineBare
134536	11/09/2011	BenDubois	498715	7076671	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateSW	B	40	Moist	Good	AlpineBare
134537	11/09/2011	BenDubois	498689	7076637	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateSW	B	40	Moist	Good	AlpineBare
134538	11/09/2011	BenDubois	498661	7076610	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateSW	B	50	Moist	Good	AlpineBare
134539	11/09/2011	BenDubois	498632	7076578	UTMZ8N_WGS84	TalusFine	Brown	Silt	SteepSW	B	40	Dry	Good	AlpineBare
134541	11/09/2011	BenDubois	498585	7076530	UTMZ8N_WGS84	Soil	Brown	Silt	ModerateSW	B	40	Moist	Good	AlpineBare
134542	11/09/2011	BenDubois	498550	7076509	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateSW	B	20	Dry	Good	AlpineBare
134543	11/09/2011	BenDubois	498514	7076478	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateW	B	20	Dry	Good	AlpineBare
134544	11/09/2011	BenDubois	498451	7076485	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateW	B	30	Dry	Good	AlpineBare
134545	11/09/2011	BenDubois	498410	7076465	UTMZ8N_WGS84	Soil	Brown	Silt	Ridge	B	40	Dry	Excellent	AlpineBare
134546	11/09/2011	BenDubois	498354	7076460	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateW	B	40	Moist	Good	AlpineBare
134547	11/09/2011	BenDubois	498308	7076452	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateW	B	30	Dry	Good	AlpineBare
134548	11/09/2011	BenDubois	498265	7076431	UTMZ8N_WGS84	TalusFine	Brown	Silt	ModerateW	B	40	Dry	Good	AlpineBare
134549	11/09/2011	BenDubois	498211	7076442	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	40	Dry	Good	AlpineBare
134550	11/09/2011	BenDubois	498163	7076415	UTMZ8N_WGS84	Colluvium	Black	Silt	Ridge	B	30	Dry	Good	AlpineBare
134551	11/09/2011	BenDubois	498127	7076376	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	40	Dry	Good	AlpineBare
134553	11/09/2011	BenDubois	498085	7076352	UTMZ8N_WGS84	Colluvium	Brown	Silt	Ridge	B	10	Dry	Good	AlpineBare
134554	12/09/2011	BenDubois	496367	7077046	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	30	Moist	Excellent	AlpineBare
134555	12/09/2011	BenDubois	496367	7076982	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	20	Moist	Good	AlpineBare
134556	12/09/2011	BenDubois	496340	7076956	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	20	Dry	Good	AlpineBare
134557	12/09/2011	BenDubois	496314	7076898	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	20	Dry	Good	AlpineBare
134558	12/09/2011	BenDubois	496220	7076828	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	20	Moist	Good	AlpineBare
134559	12/09/2011	BenDubois	496179	7076806	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	30	Dry	Good	AlpineBare
134560	12/09/2011	BenDubois	496131	7076793	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	20	Dry	Good	AlpineBare
134561	12/09/2011	BenDubois	496089	7076780	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	10	Dry	Good	AlpineBare
134562	12/09/2011	BenDubois	496041	7076777	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	30	Dry	Good	AlpineBare
134563	12/09/2011	BenDubois	495989	7076767	UTMZ8N_WGS84	Soil	Brown	Silt	Ridge	B	30	Dry	Good	AlpineBare
134564	12/09/2011	BenDubois	495938	7076742	UTMZ8N_WGS84	Lithosoil	Brown	Silt	Ridge	B	20	Dry	Good	AlpineBare
134565	12/09/2011	BenDubois	495886	7076739	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	30	Moist	Good	AlpineBare
134567	12/09/2011	BenDubois	495841	7076742	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	20	Moist	Good	AlpineBare
134568	12/09/2011	BenDubois	495795	7076732	UTMZ8N_WGS84	Lithosoil	Black	Silt	Ridge	B	20	Moist	Good	AlpineBare
134569	12/09/2011	BenDubois	495743	7076734	UTMZ8N_WGS84	TalusFine	Black	Silt	SteepS	B	20	Dry	Good	AlpineBare
134571	12/09/2011	BenDubois	495672	7076646	UTMZ8N_WGS84	TalusFine	Brown	Silt	SteepS	B	20	Dry	Poor	AlpineBare
134572	12/09/2011	BenDubois	495664	7076588	UTMZ8N_WGS84	Soil	Brown	Silt	SteepS	B	40	Dry	Poor	AlpineBare
134573	12/09/2011	BenDubois	495630	7076547	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	30	Dry	Good	AlpineBare
134574	12/09/2011	BenDubois	495602	7076514	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	30	Dry	Good	AlpineBare
134575	12/09/2011	BenDubois	495564	7076477	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	20	Dry	Poor	AlpineBare
134576	12/09/2011	BenDubois	495532	7076444	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	30	Dry	Good	AlpineBare

Appendix C. Sample locations and descriptions

Sample	Date	Sampler	Easting	Northing	EastNorthDatum	Type	Colour	Texture	Terrain	Horizon	Depth	Moisture	Quality	Vegetation
134577	12/09/2011	BenDubois	495482	7076375	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	20	Dry	Poor	AlpineBare
134578	12/09/2011	BenDubois	495442	7076336	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	20	Dry	Good	AlpineBare
134579	12/09/2011	BenDubois	495406	7076302	UTMZ8N_WGS84	Lithosoil	Brown	Silt	SteepS	B	50	Dry	Excellent	AlpineBare

Appendix C - Appendix D - Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: September 17, 2011
Report Date: November 03, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11001467.1

CLIENT JOB INFORMATION

Project: KEYNOTE
Shipment ID: 20110917072856
P.O. Number
Number of Samples: 315

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5
Canada

CC: Lauren Wilson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include Dry at 60C, SS80, and 1DX2.

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
115832	Soil	5.8	60.5	39.9	89	1.2	26.6	11.0	1454	2.63	110.7	1.5	14.3	0.5	16	0.9	6.1	0.4	35	0.07	0.105
115833	Soil	1.5	17.2	14.4	48	0.2	13.6	6.9	330	3.15	15.6	0.9	3.5	0.9	7	0.2	1.0	0.2	53	0.05	0.047
115834	Soil	1.3	15.9	9.0	42	0.2	13.3	4.0	141	1.89	14.4	0.8	3.5	0.7	8	0.2	1.1	0.2	42	0.06	0.044
115835	Soil	1.5	11.1	11.4	39	0.2	12.3	3.6	143	2.25	12.8	0.5	1.8	0.3	8	0.1	0.8	0.2	48	0.05	0.040
115836	Soil	1.1	12.1	7.9	40	<0.1	12.7	4.2	147	1.98	12.3	0.6	7.2	1.5	8	0.2	0.8	0.2	39	0.08	0.047
115837	Soil	1.7	11.9	10.8	50	0.1	12.4	4.3	221	2.53	10.7	0.6	3.3	0.6	8	0.1	0.8	0.2	54	0.05	0.043
115838	Soil	1.7	11.6	11.8	52	<0.1	14.0	5.3	252	2.79	13.3	0.6	0.9	0.3	8	0.2	0.9	0.2	53	0.05	0.043
115839	Soil	0.8	9.2	9.0	29	<0.1	9.0	2.8	86	1.98	12.7	0.4	9.7	0.3	7	<0.1	0.7	0.2	41	0.05	0.028
115840	Soil	1.6	9.6	11.9	43	<0.1	12.1	3.3	123	2.92	19.1	0.5	1.8	0.8	7	<0.1	1.0	0.2	50	0.04	0.035
115841	Soil	1.5	14.1	11.6	55	<0.1	15.8	5.5	232	2.94	15.4	0.6	2.4	1.3	10	0.2	1.0	0.2	44	0.09	0.069
115842	Soil	1.1	17.1	9.9	55	0.1	17.6	5.2	204	2.49	24.4	0.6	3.6	1.3	9	0.2	0.9	0.2	41	0.08	0.052
122770	Soil	3.4	54.7	19.4	89	0.2	26.5	5.7	284	2.96	11.4	1.7	3.5	0.5	44	0.3	1.5	0.3	57	0.04	0.088
122771	Soil	2.4	36.4	11.5	60	0.2	19.2	5.4	184	2.25	10.5	1.1	3.7	0.4	14	0.7	1.2	0.3	42	0.07	0.081
122772	Soil	11.2	16.6	19.0	47	1.2	14.6	4.7	246	2.41	17.9	1.3	9.2	0.6	22	0.1	3.1	0.3	55	0.05	0.132
122773	Soil	24.5	22.5	27.2	49	0.9	13.4	3.4	174	2.34	22.9	1.3	65.0	0.7	23	0.1	4.0	0.4	38	0.04	0.082
122774	Soil	5.4	22.3	14.0	65	0.6	21.0	5.5	214	2.45	22.7	3.4	16.1	1.0	36	0.2	3.1	0.3	38	0.06	0.094
122775	Soil	1.8	22.4	13.6	56	0.4	20.1	7.1	349	2.35	16.0	1.0	4.5	0.9	9	0.2	0.9	0.3	44	0.05	0.058
122776	Soil	1.3	18.5	12.7	39	0.3	17.0	5.6	215	1.89	14.2	1.5	4.3	7.1	12	0.1	1.1	0.2	34	0.11	0.053
122777	Soil	1.3	17.8	10.3	53	<0.1	18.9	6.5	253	2.04	11.7	0.7	3.8	2.1	8	0.2	1.1	0.2	38	0.06	0.038
122778	Soil	1.3	16.2	10.0	43	<0.1	15.3	5.0	216	2.11	12.6	0.6	4.0	0.8	9	0.2	1.0	0.2	40	0.06	0.046
122779	Soil	1.2	21.4	9.4	50	0.1	17.1	5.6	221	2.05	9.4	0.8	3.8	1.5	12	0.2	0.8	0.2	38	0.10	0.056
122780	Soil	1.2	16.9	9.7	44	<0.1	15.1	5.3	173	2.01	9.5	0.7	3.0	1.5	12	0.1	1.0	0.2	40	0.12	0.057
122781	Soil	1.4	23.1	16.7	50	0.1	19.9	5.8	221	2.21	12.9	0.8	2.8	1.3	10	0.2	1.1	0.3	39	0.09	0.067
122782	Soil	1.3	32.8	10.7	58	0.2	19.9	5.2	166	2.06	9.1	1.2	30.9	1.9	15	0.2	0.9	0.2	34	0.09	0.057
122783	Soil	1.3	35.5	9.6	64	0.2	21.4	5.7	204	2.29	10.0	1.0	4.5	2.9	10	0.2	0.9	0.2	34	0.09	0.059
122784	Soil	1.2	31.5	9.3	70	0.1	24.0	6.3	228	2.12	50.5	1.0	13.7	2.7	14	0.2	1.2	0.2	36	0.13	0.063
122785	Soil	1.4	26.7	9.7	67	0.1	20.4	6.4	233	2.15	43.6	1.0	11.0	2.2	11	0.3	1.1	0.2	39	0.10	0.067
122786	Soil	0.9	72.2	6.9	63	<0.1	22.7	9.9	442	2.12	6.8	0.8	3.0	3.2	15	0.2	0.6	0.1	46	0.21	0.072
122787	Soil	0.9	73.6	6.4	45	<0.1	16.5	6.5	165	1.95	5.4	0.6	3.6	1.4	11	0.1	0.6	0.1	41	0.15	0.060
122788	Soil	1.2	111.4	6.2	43	<0.1	20.3	7.4	244	2.52	8.5	0.5	3.4	1.3	11	0.2	0.7	0.2	54	0.12	0.043

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 2 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
115832	Soil	8	16	0.19	155	0.007	2	0.79	0.006	0.04	0.2	0.07	0.7	0.1	0.08	3	2.0	<0.2
115833	Soil	10	29	0.44	68	0.025	2	1.48	0.005	0.03	0.2	0.05	1.5	<0.1	0.05	6	0.5	<0.2
115834	Soil	10	20	0.28	53	0.022	2	1.08	0.004	0.03	0.3	0.04	1.0	<0.1	<0.05	4	<0.5	<0.2
115835	Soil	10	24	0.34	58	0.017	1	1.22	0.004	0.03	0.2	0.06	0.9	0.1	<0.05	5	<0.5	<0.2
115836	Soil	11	22	0.34	47	0.029	2	1.15	0.004	0.02	0.3	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
115837	Soil	9	27	0.34	64	0.026	1	1.38	0.004	0.04	0.2	0.04	1.3	0.1	<0.05	6	0.5	<0.2
115838	Soil	9	27	0.41	70	0.018	2	1.39	0.005	0.04	0.2	0.04	1.0	0.1	<0.05	5	<0.5	<0.2
115839	Soil	9	21	0.28	34	0.028	2	0.96	0.003	0.02	0.2	0.05	0.9	<0.1	<0.05	5	<0.5	<0.2
115840	Soil	8	28	0.33	59	0.018	2	1.24	0.004	0.03	0.2	0.04	1.2	<0.1	<0.05	5	0.6	<0.2
115841	Soil	9	29	0.38	69	0.022	1	1.61	0.004	0.04	0.3	0.05	1.5	<0.1	<0.05	4	0.8	<0.2
115842	Soil	10	26	0.41	63	0.031	1	1.40	0.005	0.03	0.2	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
122770	Soil	14	22	0.22	77	0.014	<1	1.35	0.004	0.03	0.2	0.08	1.0	0.2	0.08	5	1.0	<0.2
122771	Soil	11	20	0.31	75	0.014	<1	1.08	0.004	0.04	0.2	0.07	0.9	0.1	0.06	4	1.1	<0.2
122772	Soil	13	26	0.30	233	0.016	1	1.28	0.005	0.06	0.2	0.21	1.0	0.2	0.10	4	4.5	<0.2
122773	Soil	9	19	0.20	287	0.014	1	0.80	0.004	0.07	0.2	0.37	0.9	0.2	0.17	3	6.1	0.3
122774	Soil	11	31	0.31	232	0.016	<1	0.97	0.004	0.04	0.2	0.15	1.3	0.1	<0.05	5	3.3	<0.2
122775	Soil	13	27	0.36	74	0.017	1	1.49	0.004	0.03	0.2	0.13	1.1	0.1	<0.05	4	1.4	<0.2
122776	Soil	23	22	0.32	90	0.023	2	1.08	0.005	0.04	0.1	0.06	2.2	<0.1	<0.05	3	1.3	<0.2
122777	Soil	11	21	0.36	67	0.024	<1	1.14	0.004	0.03	0.2	0.05	1.4	<0.1	<0.05	3	0.6	<0.2
122778	Soil	9	24	0.31	66	0.022	1	1.26	0.004	0.03	0.1	0.06	1.2	<0.1	<0.05	4	0.6	<0.2
122779	Soil	11	23	0.37	81	0.024	<1	1.25	0.005	0.03	0.2	0.05	1.6	<0.1	<0.05	4	0.7	<0.2
122780	Soil	15	21	0.34	72	0.024	1	1.19	0.005	0.03	0.2	0.04	1.4	<0.1	<0.05	4	0.5	<0.2
122781	Soil	16	22	0.31	73	0.017	<1	1.11	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
122782	Soil	18	20	0.34	89	0.021	<1	1.16	0.004	0.04	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
122783	Soil	15	21	0.34	72	0.025	<1	1.12	0.004	0.04	0.1	0.05	1.9	<0.1	<0.05	3	0.5	<0.2
122784	Soil	15	20	0.39	74	0.029	<1	1.14	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	3	0.6	<0.2
122785	Soil	16	22	0.42	94	0.029	<1	1.20	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
122786	Soil	13	23	0.54	194	0.049	<1	1.32	0.006	0.05	0.1	0.04	2.9	<0.1	<0.05	3	<0.5	<0.2
122787	Soil	9	21	0.48	56	0.037	1	1.19	0.004	0.03	0.2	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
122788	Soil	10	28	0.49	63	0.046	<1	1.33	0.005	0.03	0.3	0.07	1.6	<0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 3 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
122789	Soil		1.6	35.0	11.0	83	0.3	30.2	7.4	282	2.25	12.2	0.8	13.3	1.3	8	0.2	1.1	0.2	42	0.08	0.053
122790	Soil		1.7	54.0	10.8	91	0.3	35.9	7.8	375	2.33	12.5	1.1	7.6	3.1	10	0.3	1.2	0.2	33	0.09	0.071
122791	Soil		1.3	37.0	9.8	71	0.3	26.9	7.6	301	2.14	11.5	1.0	5.2	2.1	14	0.3	1.1	0.2	32	0.10	0.077
122792	Soil		1.8	23.3	11.7	68	<0.1	22.6	7.3	298	2.45	12.7	0.7	1.8	2.1	9	0.3	1.1	0.2	51	0.08	0.039
122793	Soil		1.8	42.2	14.2	90	0.4	35.3	10.2	461	2.58	15.1	1.1	4.5	1.5	11	0.3	1.2	0.3	44	0.09	0.082
122794	Soil		1.9	25.7	12.4	59	0.2	23.7	6.1	275	2.22	13.3	0.9	2.8	0.3	8	0.2	1.0	0.2	45	0.05	0.062
122795	Soil		1.5	31.0	11.4	77	0.3	29.5	8.5	332	2.36	15.7	1.0	6.8	3.0	11	0.2	0.9	0.2	34	0.12	0.075
122796	Soil		1.7	33.2	13.9	79	0.3	30.1	8.5	364	2.66	25.1	1.3	5.1	1.8	10	0.2	0.9	0.2	37	0.07	0.082
122797	Soil		1.6	33.0	14.4	74	0.3	29.9	9.1	350	2.64	24.6	1.2	8.6	1.5	10	0.2	1.1	0.2	37	0.09	0.077
122798	Soil		1.6	31.1	12.7	73	0.3	29.6	8.5	316	2.62	22.4	1.1	11.7	2.0	10	0.1	1.0	0.2	42	0.11	0.079
122799	Soil		0.9	31.5	9.2	69	0.2	29.7	6.9	276	1.77	34.7	0.9	5.4	3.0	7	0.4	0.8	0.2	22	0.07	0.051
122800	Soil		1.4	52.1	16.8	102	0.4	43.5	13.4	575	2.80	27.6	1.3	8.5	2.1	10	0.3	1.6	0.3	29	0.09	0.084
122801	Soil		1.7	45.8	15.4	98	0.4	41.4	11.2	480	2.65	31.2	1.2	5.6	2.3	10	0.3	1.6	0.2	28	0.09	0.087
122802	Soil		1.5	41.4	14.1	81	0.4	32.7	9.8	398	2.58	27.5	1.1	10.8	0.9	9	0.2	1.7	0.2	28	0.07	0.078
122803	Soil		1.9	28.1	13.7	64	0.3	25.2	6.9	351	2.73	24.9	1.0	9.1	0.8	15	0.1	1.5	0.2	30	0.18	0.075
122804	Soil		1.4	18.9	14.1	70	0.1	20.9	8.9	401	2.78	16.7	0.9	5.0	1.3	11	0.3	0.8	0.2	50	0.09	0.065
122805	Soil		1.2	28.9	10.9	79	0.3	27.5	9.5	361	2.50	16.5	0.9	4.6	2.5	14	0.3	0.9	0.2	44	0.15	0.076
122806	Soil		1.7	21.6	11.8	71	0.3	22.5	7.8	266	2.53	16.6	0.9	3.9	1.5	11	0.2	0.7	0.2	43	0.11	0.071
122807	Soil		0.8	25.0	9.7	60	0.2	21.5	6.4	208	2.19	13.2	0.8	4.0	2.2	13	0.2	0.6	0.2	37	0.16	0.082
122808	Soil		0.9	27.1	10.1	68	0.1	25.9	7.2	222	2.27	12.9	0.8	5.4	2.2	12	0.3	0.7	0.2	34	0.13	0.068
122809	Soil		1.3	19.2	12.0	64	<0.1	22.2	7.4	272	2.70	15.7	0.6	1.7	0.6	9	0.1	0.8	0.2	39	0.06	0.046
122810	Soil		1.0	37.3	10.6	86	0.2	29.9	10.1	398	2.47	13.8	1.1	3.5	4.7	14	0.3	0.6	0.2	38	0.14	0.079
122811	Soil		1.8	23.6	13.6	77	0.1	25.9	10.3	334	3.28	17.9	0.7	<0.5	2.3	10	0.3	0.9	0.2	48	0.10	0.079
122812	Soil		1.2	23.0	12.6	68	0.2	21.8	9.2	382	2.67	15.8	0.8	4.2	2.5	11	0.2	0.9	0.2	40	0.11	0.077
122813	Soil		1.6	29.1	14.6	89	0.2	26.2	11.8	511	3.03	17.4	1.3	3.1	2.9	13	0.2	0.9	0.3	50	0.12	0.095
122814	Soil		1.2	19.5	13.3	52	<0.1	18.1	6.3	285	2.64	16.5	0.7	6.2	1.4	10	0.2	0.8	0.2	41	0.08	0.064
122815	Soil		1.0	25.7	11.3	54	0.1	19.3	6.7	274	2.51	16.8	0.8	3.3	1.5	10	0.2	1.0	0.2	39	0.08	0.066
122816	Soil		2.0	20.7	18.7	113	0.2	27.7	8.6	667	3.11	20.6	0.7	2.1	1.6	10	0.4	1.2	0.2	43	0.08	0.066
122817	Soil		1.2	19.3	11.2	54	<0.1	18.8	6.1	250	2.41	13.9	0.7	2.2	0.9	10	0.2	0.6	0.2	42	0.11	0.064
125347	Soil		1.9	27.1	14.3	52	0.3	16.2	4.7	210	2.09	19.6	1.6	7.7	3.2	17	0.2	1.9	0.3	32	0.07	0.081



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
122789	Soil	10	21	0.28	67	0.022	<1	1.10	0.004	0.03	0.2	0.04	1.3	<0.1	<0.05	3	0.9	<0.2
122790	Soil	12	18	0.30	61	0.025	<1	0.91	0.005	0.03	0.1	0.04	2.1	<0.1	<0.05	3	0.8	<0.2
122791	Soil	11	19	0.34	71	0.021	1	1.04	0.004	0.04	0.2	0.05	1.6	<0.1	<0.05	3	0.5	<0.2
122792	Soil	10	24	0.37	67	0.029	<1	1.36	0.006	0.04	0.2	0.05	1.5	0.1	<0.05	5	<0.5	<0.2
122793	Soil	11	25	0.40	93	0.023	1	1.32	0.005	0.05	0.2	0.07	1.9	0.1	<0.05	4	0.6	<0.2
122794	Soil	10	24	0.26	55	0.020	<1	1.09	0.004	0.04	0.2	0.06	1.0	0.1	<0.05	4	0.8	<0.2
122795	Soil	11	21	0.27	75	0.030	<1	1.00	0.005	0.04	0.2	0.06	1.7	<0.1	<0.05	3	0.5	<0.2
122796	Soil	10	23	0.28	75	0.021	<1	1.14	0.005	0.04	0.2	0.06	1.8	<0.1	<0.05	3	0.8	<0.2
122797	Soil	11	22	0.29	90	0.021	1	1.22	0.005	0.04	0.2	0.05	1.8	<0.1	<0.05	4	0.9	<0.2
122798	Soil	12	23	0.30	83	0.028	<1	1.19	0.004	0.05	0.2	0.06	1.8	<0.1	<0.05	4	0.7	<0.2
122799	Soil	10	13	0.17	60	0.021	<1	0.70	0.003	0.03	0.1	0.04	1.7	<0.1	<0.05	2	<0.5	<0.2
122800	Soil	12	20	0.22	97	0.018	1	1.01	0.005	0.04	0.1	0.06	1.9	<0.1	<0.05	2	0.9	<0.2
122801	Soil	13	19	0.21	77	0.019	<1	1.02	0.005	0.03	0.1	0.07	1.8	<0.1	<0.05	3	1.0	<0.2
122802	Soil	12	18	0.17	61	0.013	<1	0.88	0.004	0.03	0.1	0.08	1.3	<0.1	<0.05	3	0.6	<0.2
122803	Soil	10	18	0.19	78	0.014	<1	0.78	0.006	0.03	0.1	0.03	1.2	<0.1	<0.05	3	1.3	<0.2
122804	Soil	12	30	0.40	80	0.029	<1	2.00	0.007	0.05	0.2	0.06	1.9	0.1	<0.05	5	1.0	<0.2
122805	Soil	12	27	0.34	75	0.040	1	1.58	0.005	0.05	0.2	0.05	2.2	<0.1	<0.05	4	0.7	<0.2
122806	Soil	12	28	0.36	81	0.029	<1	1.74	0.005	0.04	0.2	0.05	1.8	<0.1	<0.05	4	0.9	<0.2
122807	Soil	12	24	0.32	62	0.034	<1	1.51	0.004	0.04	0.2	0.06	1.7	<0.1	<0.05	3	<0.5	<0.2
122808	Soil	11	24	0.31	61	0.031	<1	1.31	0.004	0.04	0.1	0.05	1.8	<0.1	<0.05	3	0.7	<0.2
122809	Soil	10	24	0.30	54	0.027	1	1.15	0.004	0.04	<0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
122810	Soil	13	25	0.41	89	0.040	1	1.66	0.006	0.06	0.2	0.05	2.6	<0.1	<0.05	4	0.5	<0.2
122811	Soil	11	32	0.37	61	0.037	1	1.54	0.004	0.04	0.1	0.05	1.7	<0.1	<0.05	5	0.8	<0.2
122812	Soil	12	28	0.38	72	0.034	2	1.74	0.005	0.05	0.2	0.05	2.1	<0.1	<0.05	4	1.0	<0.2
122813	Soil	15	30	0.45	113	0.035	1	1.93	0.006	0.06	0.2	0.06	2.8	0.1	<0.05	5	0.6	<0.2
122814	Soil	11	24	0.33	54	0.034	2	1.03	0.006	0.04	0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
122815	Soil	11	24	0.33	62	0.029	<1	1.26	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
122816	Soil	10	28	0.36	63	0.028	<1	1.09	0.006	0.04	0.2	0.04	1.3	<0.1	<0.05	4	0.8	<0.2
122817	Soil	12	24	0.33	81	0.034	<1	1.28	0.005	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
125347	Soil	13	19	0.23	73	0.020	1	0.96	0.005	0.04	0.1	0.06	1.9	<0.1	<0.05	3	0.7	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: November 03, 2011

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Table with columns: Method, Analyte, Unit, MDL, and 20 elements (Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P) with their respective concentrations in various units (ppm, ppb, %).

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
125348	Soil	12	16	0.18	61	0.014	<1	0.77	0.005	0.03	<0.1	0.03	1.3	<0.1	<0.05	3	0.6	<0.2
125349	Soil	12	20	0.24	71	0.021	14	0.96	0.005	0.04	0.1	0.05	1.7	<0.1	<0.05	3	0.9	<0.2
125350	Soil	11	16	0.19	60	0.017	<1	0.80	0.005	0.03	0.1	0.05	1.4	<0.1	<0.05	2	0.6	<0.2
125351	Soil	14	23	0.35	83	0.036	1	1.16	0.007	0.05	0.2	0.07	2.4	<0.1	<0.05	3	0.5	0.2
125352	Soil	13	26	0.38	76	0.041	2	1.36	0.006	0.05	0.2	0.05	1.8	<0.1	<0.05	4	0.5	<0.2
125353	Soil	12	24	0.30	97	0.030	1	1.33	0.005	0.04	0.5	0.09	2.1	<0.1	<0.05	4	0.6	<0.2
125354	Soil	15	20	0.27	80	0.038	2	0.93	0.006	0.04	0.4	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
125355	Soil	13	24	0.34	89	0.042	1	1.25	0.007	0.05	0.3	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
125356	Soil	9	19	0.20	56	0.027	<1	0.91	0.004	0.03	0.2	0.04	1.6	<0.1	<0.05	3	0.5	<0.2
125357	Soil	12	25	0.31	91	0.037	1	1.41	0.006	0.04	0.4	0.06	2.1	<0.1	<0.05	3	0.9	<0.2
125358	Soil	11	18	0.14	87	0.008	<1	0.69	0.007	0.03	0.1	0.06	1.1	<0.1	0.05	2	<0.5	<0.2
125359	Soil	13	16	0.18	145	0.011	1	0.79	0.006	0.05	0.2	0.09	1.7	0.1	0.06	3	1.9	0.3
125360	Soil	15	27	0.44	95	0.015	<1	1.21	0.003	0.03	0.2	0.03	2.9	<0.1	<0.05	3	0.9	<0.2
125361	Soil	10	23	0.23	57	0.030	<1	1.16	0.003	0.03	0.2	0.06	1.3	0.1	<0.05	6	0.9	<0.2
125362	Soil	11	24	0.33	84	0.026	1	1.39	0.006	0.03	0.2	0.05	1.6	0.1	<0.05	4	<0.5	<0.2
125363	Soil	12	23	0.32	59	0.024	<1	1.25	0.004	0.03	0.3	0.07	1.3	<0.1	<0.05	4	0.7	<0.2
125364	Soil	13	28	0.37	102	0.031	<1	1.67	0.007	0.04	0.3	0.06	1.9	<0.1	<0.05	4	0.8	<0.2
125365	Soil	11	22	0.33	50	0.033	<1	0.93	0.005	0.03	0.2	0.03	1.2	<0.1	<0.05	4	1.0	<0.2
125366	Soil	10	18	0.18	43	0.032	<1	0.93	0.003	0.03	0.2	0.03	0.9	0.1	<0.05	6	<0.5	<0.2
125367	Soil	10	23	0.30	53	0.027	<1	1.27	0.004	0.03	0.2	0.04	1.4	<0.1	<0.05	3	0.9	<0.2
125368	Soil	10	25	0.30	69	0.020	5	1.61	0.004	0.03	0.2	0.06	1.8	<0.1	<0.05	3	1.0	<0.2
125369	Soil	10	27	0.33	56	0.033	<1	1.57	0.004	0.03	0.2	0.04	1.8	<0.1	<0.05	4	0.7	<0.2
125370	Soil	10	20	0.25	59	0.023	<1	1.08	0.004	0.04	0.1	0.04	0.8	0.1	<0.05	5	0.6	<0.2
133474	Soil	34	20	0.39	136	0.006	<1	1.15	0.004	0.06	<0.1	0.18	1.4	<0.1	0.06	3	1.7	0.2
133475	Soil	12	19	0.26	71	0.002	<1	0.73	0.006	0.05	<0.1	0.27	1.0	<0.1	0.07	2	2.7	<0.2
133476	Soil	19	20	0.32	71	0.022	<1	1.23	0.004	0.05	0.2	0.03	1.5	<0.1	<0.05	5	<0.5	<0.2
133477	Soil	29	18	0.38	89	0.012	<1	1.29	0.004	0.05	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
133478	Soil	27	15	0.22	191	0.010	<1	0.94	0.006	0.07	0.1	0.05	2.5	<0.1	<0.05	2	0.7	<0.2
133479	Soil	26	21	0.40	157	0.016	<1	1.36	0.004	0.05	0.2	0.03	1.7	<0.1	<0.05	4	0.6	<0.2
133480	Soil	20	19	0.39	108	0.019	<1	1.25	0.006	0.06	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2

CERTIFICATE OF ANALYSIS

WHI11001467.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	0.1	1	0.1	0.1	2	0.01	0.001
133481	Soil	0.8	23.4	18.7	59	<0.1	22.0	11.2	475	2.57	10.9	0.8	5.1	7.0	6	0.2	1.5	0.2	26	0.06	0.033
133482	Soil	0.9	20.8	13.0	57	<0.1	19.4	8.0	259	2.30	17.5	0.7	5.3	2.9	10	<0.1	1.9	0.2	32	0.12	0.050
133483	Soil	0.6	21.6	11.5	50	<0.1	18.4	6.6	247	1.88	12.5	1.0	3.6	3.7	11	0.1	3.5	0.1	29	0.13	0.049
133485	Soil	0.9	21.7	13.1	63	<0.1	23.1	9.6	342	2.40	20.7	0.7	2.7	3.6	9	0.1	1.9	0.2	33	0.08	0.040
133486	Soil	0.7	19.1	11.8	57	<0.1	18.6	8.1	297	2.08	14.0	0.7	2.5	3.6	10	0.2	1.9	0.1	30	0.12	0.046
133487	Soil	0.6	21.3	19.1	59	<0.1	21.7	10.5	602	2.13	15.6	0.7	3.5	6.3	10	0.1	5.8	0.2	21	0.15	0.060
133488	Soil	0.6	17.4	15.1	48	<0.1	18.9	7.3	224	2.07	12.7	1.2	3.2	2.1	17	<0.1	2.7	0.2	25	0.26	0.041
133489	Soil	0.6	17.5	11.3	56	<0.1	19.5	7.3	278	1.95	8.4	0.8	2.2	5.2	12	<0.1	2.7	0.2	21	0.18	0.034
133490	Soil	0.7	18.0	11.2	51	<0.1	19.0	7.2	254	2.07	12.3	0.6	3.8	3.5	11	<0.1	1.9	0.2	31	0.15	0.033
133491	Soil	0.6	11.0	11.5	41	<0.1	12.5	5.7	219	1.65	9.1	0.5	4.1	1.9	17	<0.1	1.4	0.2	28	0.24	0.033
133492	Soil	0.6	11.3	11.0	40	<0.1	13.1	5.3	170	1.80	8.6	0.4	2.9	3.4	11	<0.1	1.5	0.2	27	0.14	0.025
133493	Soil	0.8	17.9	16.5	50	<0.1	17.2	8.9	353	2.14	9.5	0.6	2.5	4.8	7	<0.1	1.0	0.2	27	0.08	0.024
133494	Soil	0.8	13.8	18.3	45	<0.1	12.9	4.6	150	2.39	7.0	0.6	2.2	7.6	7	<0.1	1.3	0.3	24	0.04	0.024
133495	Soil	0.7	9.5	19.4	29	<0.1	10.3	3.6	135	1.73	9.7	0.4	2.9	6.3	5	<0.1	2.1	0.2	27	0.04	0.019
133496	Soil	0.8	11.4	25.3	34	0.2	11.7	5.8	514	1.47	5.9	0.8	2.8	4.7	17	0.1	0.8	0.2	17	0.26	0.053
133497	Soil	0.6	18.7	15.1	44	<0.1	17.8	7.3	238	1.87	8.6	0.9	3.5	6.1	15	0.1	0.6	0.2	27	0.21	0.034
133498	Soil	0.6	19.9	14.2	45	<0.1	18.7	8.5	385	2.12	8.4	1.1	12.2	4.6	17	<0.1	0.9	0.2	30	0.26	0.043
133499	Soil	0.6	23.1	19.9	52	<0.1	22.4	10.7	494	2.27	9.9	0.7	2.3	6.8	10	<0.1	1.1	0.2	26	0.13	0.021
133500	Soil	0.5	23.2	20.1	58	<0.1	23.8	12.7	516	2.72	8.1	0.8	2.5	10.3	11	0.1	0.9	0.3	23	0.13	0.024
133501	Soil	0.5	17.7	12.5	46	<0.1	17.1	6.8	257	2.34	7.8	0.6	5.2	4.6	8	0.1	0.9	0.3	26	0.10	0.025
133502	Soil	0.9	16.4	15.5	53	<0.1	17.3	8.1	252	2.56	10.6	0.5	1.7	6.6	7	0.1	1.7	0.3	37	0.05	0.020
133503	Soil	0.6	26.0	23.6	74	<0.1	22.7	16.1	1092	3.38	45.5	0.7	<0.5	12.0	7	<0.1	7.0	0.3	16	0.07	0.038
133504	Soil	0.8	19.6	15.8	51	<0.1	18.8	8.6	293	2.49	54.4	0.6	2.2	6.6	11	0.1	3.5	0.3	27	0.12	0.019
133505	Soil	1.0	24.8	22.7	66	<0.1	23.1	11.6	452	3.28	22.2	0.7	<0.5	10.6	11	<0.1	5.1	0.4	27	0.13	0.034
133506	Soil	0.5	23.5	22.6	63	<0.1	23.2	11.9	457	2.91	10.2	0.9	1.8	14.4	11	0.1	2.3	0.4	17	0.12	0.041
133507	Soil	0.6	23.7	23.5	58	<0.1	17.9	8.9	317	2.54	6.9	0.8	1.5	11.5	8	0.1	1.3	0.3	19	0.08	0.029
133508	Soil	0.9	49.5	38.1	91	<0.1	40.4	17.9	731	4.08	8.3	1.7	2.3	16.4	11	<0.1	1.2	0.5	16	0.10	0.042
133509	Soil	0.7	18.5	16.6	65	0.1	20.2	9.5	457	2.27	5.8	1.1	1.4	3.6	14	0.2	1.1	0.3	18	0.24	0.047
133510	Soil	0.6	22.7	17.6	71	<0.1	22.2	10.2	470	2.46	4.7	1.6	1.6	3.6	22	0.2	0.7	0.3	14	0.42	0.057
133511	Soil	0.5	25.9	20.2	73	<0.1	24.9	12.2	465	2.84	5.3	1.6	0.7	6.4	11	0.1	0.7	0.3	12	0.19	0.037



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 5 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
133481	Soil	29	20	0.42	124	0.018	<1	1.34	0.004	0.05	0.1	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
133482	Soil	20	20	0.40	95	0.025	<1	1.18	0.005	0.05	0.2	0.03	1.5	<0.1	<0.05	4	0.6	<0.2
133483	Soil	17	18	0.36	102	0.034	<1	1.07	0.006	0.05	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
133485	Soil	16	21	0.41	120	0.024	<1	1.35	0.006	0.05	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
133486	Soil	17	20	0.38	116	0.027	<1	1.14	0.005	0.04	0.1	0.03	1.9	<0.1	<0.05	3	0.5	<0.2
133487	Soil	21	17	0.38	107	0.021	<1	1.12	0.004	0.05	<0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
133488	Soil	19	22	0.37	186	0.012	<1	1.28	0.005	0.04	0.1	0.03	1.3	<0.1	<0.05	4	0.7	<0.2
133489	Soil	22	18	0.39	191	0.014	<1	1.13	0.006	0.04	<0.1	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
133490	Soil	15	21	0.39	155	0.019	<1	1.22	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
133491	Soil	14	17	0.32	196	0.013	<1	1.09	0.005	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
133492	Soil	16	16	0.34	103	0.018	<1	1.04	0.005	0.04	0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
133493	Soil	19	18	0.35	95	0.020	<1	1.10	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	0.5	<0.2
133494	Soil	27	12	0.29	45	0.015	<1	0.91	0.003	0.04	0.1	0.01	0.7	<0.1	<0.05	3	0.6	<0.2
133495	Soil	19	10	0.15	55	0.018	<1	0.76	0.003	0.08	0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
133496	Soil	20	10	0.17	133	0.009	<1	0.64	0.004	0.07	<0.1	0.04	0.9	<0.1	<0.05	2	<0.5	<0.2
133497	Soil	20	18	0.36	200	0.017	<1	1.18	0.006	0.05	0.2	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
133498	Soil	20	20	0.36	271	0.016	<1	1.19	0.006	0.04	0.2	0.03	2.3	<0.1	<0.05	3	0.9	<0.2
133499	Soil	19	18	0.38	173	0.020	<1	1.16	0.005	0.04	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
133500	Soil	30	18	0.43	173	0.013	2	1.31	0.005	0.06	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
133501	Soil	24	18	0.36	116	0.013	2	1.26	0.004	0.05	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
133502	Soil	17	21	0.38	121	0.018	2	1.46	0.005	0.06	0.2	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
133503	Soil	28	15	0.36	75	0.005	2	1.10	0.003	0.05	<0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
133504	Soil	21	17	0.32	141	0.007	1	1.30	0.004	0.05	0.1	0.02	1.7	<0.1	<0.05	3	<0.5	<0.2
133505	Soil	29	20	0.45	129	0.009	1	1.43	0.004	0.06	0.1	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
133506	Soil	36	17	0.48	105	0.007	1	1.35	0.004	0.06	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
133507	Soil	26	15	0.40	84	0.009	1	1.10	0.004	0.05	0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
133508	Soil	41	31	0.71	59	0.005	<1	1.53	0.004	0.05	<0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
133509	Soil	12	16	0.34	151	0.004	1	0.98	0.004	0.04	0.1	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
133510	Soil	14	14	0.38	126	0.004	1	1.07	0.004	0.05	<0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
133511	Soil	19	14	0.45	96	0.003	<1	1.15	0.003	0.06	<0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: November 03, 2011

Page: 6 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
133512	Soil	0.8	16.9	19.6	84	0.2	22.8	12.1	573	2.65	6.9	1.4	0.8	3.8	16	0.2	0.9	0.2	22	0.34	0.065
133513	Soil	0.7	27.1	22.2	74	0.1	24.5	11.4	433	2.84	7.1	1.7	<0.5	9.1	11	0.2	1.1	0.3	13	0.26	0.046
133514	Soil	0.7	27.4	22.2	77	0.1	23.5	10.8	611	2.86	7.7	1.7	2.5	6.5	16	0.1	1.6	0.3	12	0.42	0.054
133515	Soil	1.0	30.0	29.2	86	0.1	24.0	11.4	665	3.08	8.5	1.9	0.5	6.5	14	0.2	1.7	0.3	9	0.37	0.057
133516	Soil	0.9	21.8	18.8	71	0.1	21.7	8.7	445	2.45	5.9	1.6	3.5	7.3	13	0.2	0.7	0.2	16	0.25	0.049
133517	Soil	0.5	30.6	25.1	79	<0.1	27.2	9.3	522	2.86	7.0	1.5	1.3	9.1	9	0.1	0.7	0.3	15	0.19	0.042
133518	Soil	0.6	27.5	22.1	73	0.1	28.3	9.2	389	2.49	9.3	1.2	1.1	7.2	10	0.1	1.2	0.3	17	0.19	0.043
133519	Soil	0.5	28.0	22.7	69	<0.1	27.2	9.4	450	2.51	8.4	1.4	2.5	6.4	12	0.1	1.2	0.3	22	0.22	0.044
133520	Soil	0.4	22.5	21.4	77	<0.1	17.5	7.6	351	2.79	27.9	1.1	1.1	17.1	7	<0.1	2.1	0.4	7	0.20	0.045
133521	Soil	0.5	24.8	25.6	81	0.1	25.4	9.5	259	2.62	10.1	1.5	<0.5	6.7	11	0.2	1.4	0.3	19	0.28	0.050
133522	Soil	0.8	17.1	19.3	79	<0.1	21.5	7.7	298	2.70	9.7	0.6	1.6	3.6	11	<0.1	1.7	0.3	26	0.21	0.046
133523	Soil	0.9	17.1	14.7	65	0.2	19.4	5.9	203	2.15	12.5	0.8	2.6	1.6	10	0.2	1.1	0.2	31	0.11	0.053
133524	Soil	1.1	17.9	13.0	70	0.2	20.2	6.0	173	2.36	15.9	1.0	2.6	1.7	14	0.2	1.3	0.2	34	0.14	0.062
133525	Soil	1.6	17.3	10.2	61	0.2	14.8	5.4	196	2.18	9.3	0.9	1.5	1.4	10	0.1	1.1	0.1	34	0.09	0.056
133526	Soil	1.5	19.2	11.2	69	0.1	15.5	5.2	163	2.27	8.7	1.0	3.0	0.5	12	0.1	1.0	0.2	36	0.11	0.070
133527	Soil	2.2	31.1	11.5	127	0.2	29.4	8.5	293	3.19	9.4	1.7	3.1	4.6	15	0.5	1.3	0.1	32	0.13	0.066
133528	Soil	1.8	22.3	11.1	93	0.2	23.2	6.4	210	2.32	9.2	1.2	1.7	1.2	12	0.3	1.3	0.2	33	0.11	0.058
133529	Soil	1.6	23.8	9.7	75	0.3	18.5	5.7	169	2.14	8.5	1.2	4.2	2.0	17	0.3	1.1	0.2	38	0.15	0.069
133530	Soil	1.6	24.6	10.9	74	0.4	19.0	6.2	195	2.38	10.7	1.3	5.9	1.6	16	0.2	1.1	0.2	39	0.13	0.064
133531	Soil	5.0	24.2	14.2	71	0.8	18.5	7.1	216	2.36	18.0	2.3	2.5	2.7	25	0.2	2.6	0.2	43	0.13	0.099
133532	Soil	14.4	14.4	23.1	42	1.9	4.9	1.2	47	1.49	29.3	2.9	5.2	0.5	31	<0.1	9.7	0.2	44	0.04	0.143
133533	Soil	20.1	37.2	28.6	35	5.3	3.6	1.2	41	1.45	38.2	10.4	2.4	9.3	53	0.3	13.6	0.3	50	0.08	0.140
133534	Soil	12.7	21.0	25.4	73	3.2	8.8	1.8	72	2.27	38.2	3.6	4.8	0.7	58	0.3	6.9	0.3	42	0.07	0.212
133535	Soil	1.5	15.5	12.9	56	0.2	15.7	6.4	247	2.88	9.8	0.7	7.1	4.3	9	0.2	0.8	0.1	43	0.07	0.042
133536	Soil	2.1	18.0	19.7	63	0.1	17.5	8.8	367	3.20	11.8	0.7	2.6	4.1	12	<0.1	0.8	0.3	46	0.06	0.059
133537	Soil	1.2	20.6	15.3	48	<0.1	16.8	7.0	237	2.59	10.5	0.8	2.9	4.6	11	<0.1	0.8	0.3	44	0.08	0.045
133538	Soil	3.8	78.6	51.8	177	0.5	81.9	25.3	1445	3.70	14.0	3.6	2.5	12.8	21	1.9	1.3	0.6	25	0.26	0.120
133539	Soil	2.3	37.8	24.3	95	0.2	29.7	8.3	269	2.94	10.9	2.0	6.3	1.9	25	0.3	0.8	0.3	36	0.26	0.065
133540	Soil	1.1	32.9	18.8	70	0.1	30.1	10.4	430	2.68	9.9	1.2	3.8	5.4	15	0.1	0.7	0.2	38	0.19	0.053
133541	Soil	1.0	27.9	19.0	60	0.1	25.4	8.6	306	2.44	10.1	1.1	3.4	4.7	21	<0.1	0.7	0.2	39	0.28	0.041

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
133512	Soil	15	17	0.40	145	0.008	1	1.18	0.005	0.05	0.1	0.05	1.6	<0.1	<0.05	3	<0.5	<0.2
133513	Soil	25	14	0.41	76	0.006	<1	1.06	0.004	0.05	<0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
133514	Soil	22	13	0.39	89	0.004	1	1.08	0.004	0.06	<0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
133515	Soil	24	9	0.27	70	0.003	<1	0.78	0.004	0.04	<0.1	0.05	1.4	<0.1	<0.05	2	0.6	<0.2
133516	Soil	22	14	0.33	79	0.011	<1	0.84	0.004	0.04	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
133517	Soil	25	17	0.51	92	0.004	<1	1.30	0.003	0.04	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
133518	Soil	23	17	0.48	107	0.005	<1	1.29	0.004	0.04	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
133519	Soil	23	18	0.46	133	0.008	1	1.32	0.004	0.05	0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
133520	Soil	44	14	0.62	45	0.002	<1	1.29	0.002	0.05	<0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
133521	Soil	23	19	0.51	110	0.005	<1	1.47	0.003	0.04	<0.1	0.06	1.5	<0.1	<0.05	4	<0.5	<0.2
133522	Soil	15	19	0.39	117	0.007	<1	1.24	0.003	0.04	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
133523	Soil	17	19	0.39	132	0.015	1	1.25	0.005	0.06	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
133524	Soil	18	23	0.39	181	0.019	<1	1.30	0.005	0.05	0.2	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
133525	Soil	15	19	0.32	108	0.019	<1	1.15	0.004	0.04	0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
133526	Soil	14	20	0.33	122	0.015	<1	1.36	0.005	0.05	0.1	0.04	1.0	<0.1	<0.05	4	0.7	<0.2
133527	Soil	18	18	0.31	211	0.034	<1	1.00	0.005	0.05	0.1	0.05	2.5	<0.1	<0.05	3	0.7	<0.2
133528	Soil	17	19	0.31	120	0.020	1	1.14	0.005	0.05	0.1	0.05	1.6	<0.1	<0.05	3	0.7	<0.2
133529	Soil	16	20	0.37	147	0.027	2	1.25	0.006	0.06	0.2	0.07	2.0	<0.1	<0.05	4	0.8	<0.2
133530	Soil	15	21	0.37	235	0.021	<1	1.29	0.005	0.05	0.2	0.05	2.1	<0.1	<0.05	4	0.6	<0.2
133531	Soil	18	20	0.32	259	0.018	1	1.27	0.005	0.06	0.2	0.20	2.4	0.1	<0.05	3	1.4	<0.2
133532	Soil	28	11	0.09	566	0.006	1	0.53	0.003	0.07	0.3	0.65	0.4	0.2	0.06	2	5.2	<0.2
133533	Soil	49	12	0.15	187	0.004	<1	0.43	0.002	0.07	0.1	1.17	1.3	0.3	0.11	1	18.2	<0.2
133534	Soil	25	13	0.11	238	0.010	<1	0.54	0.003	0.07	0.1	0.58	0.4	0.2	0.10	2	4.7	<0.2
133535	Soil	13	22	0.33	92	0.022	<1	1.44	0.004	0.04	0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
133536	Soil	13	23	0.37	63	0.029	1	1.22	0.003	0.05	0.2	0.05	1.5	<0.1	<0.05	5	0.7	<0.2
133537	Soil	15	23	0.33	121	0.025	1	1.48	0.004	0.05	0.1	0.03	2.0	<0.1	<0.05	5	0.7	<0.2
133538	Soil	39	17	0.29	200	0.017	1	1.18	0.006	0.05	0.1	0.19	4.6	<0.1	<0.05	2	1.6	<0.2
133539	Soil	24	21	0.39	228	0.014	1	1.47	0.006	0.05	0.1	0.08	1.7	<0.1	<0.05	4	0.6	<0.2
133540	Soil	24	24	0.46	175	0.031	2	1.37	0.004	0.06	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
133541	Soil	21	24	0.42	219	0.027	2	1.42	0.006	0.06	0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: November 03, 2011

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
133543	Soil	1.0	29.8	17.2	80	0.1	31.6	17.2	673	2.49	12.3	1.3	2.9	5.1	13	0.3	2.1	0.2	36	0.11	0.047
133544	Soil	0.9	18.9	18.6	59	<0.1	18.7	6.2	212	2.20	7.9	0.8	2.2	1.6	14	0.2	0.9	0.2	32	0.12	0.046
133545	Soil	0.9	17.2	18.2	59	<0.1	18.0	8.3	327	2.22	9.6	0.8	17.1	1.9	14	<0.1	1.0	0.2	32	0.11	0.045
133546	Soil	0.9	22.9	24.5	69	0.1	23.3	11.5	488	2.65	35.6	1.5	4.9	3.4	13	<0.1	20.0	0.3	28	0.11	0.051
133547	Soil	0.8	17.4	16.8	72	0.2	21.9	9.6	461	2.27	29.3	2.0	5.0	2.7	21	0.1	21.6	0.2	31	0.20	0.062
133548	Soil	0.9	18.9	16.0	74	0.2	21.8	9.3	362	2.52	47.4	1.4	8.3	4.6	21	<0.1	11.0	0.2	29	0.24	0.056
133549	Soil	0.8	20.4	16.9	71	0.1	20.3	10.3	266	2.44	36.2	1.5	7.2	4.9	19	0.1	10.6	0.2	30	0.23	0.055
133550	Soil	0.8	16.9	14.9	70	0.1	18.1	9.2	252	2.28	24.3	1.1	4.8	5.2	19	0.1	18.6	0.2	27	0.23	0.054
133551	Soil	0.6	14.7	14.7	64	<0.1	17.3	7.3	188	2.20	21.5	1.0	7.9	5.0	18	<0.1	24.6	0.2	26	0.21	0.051
133552	Soil	0.9	14.1	14.4	69	0.1	18.7	12.9	734	2.66	21.3	1.1	2.6	3.2	23	0.3	24.7	0.2	26	0.24	0.059
133553	Soil	0.7	15.1	14.6	63	0.1	16.6	8.2	194	2.06	18.5	1.0	5.1	5.0	16	0.1	18.8	0.2	27	0.16	0.044
133554	Soil	0.8	16.0	16.4	67	0.1	18.6	8.5	439	2.12	16.1	1.6	1.5	4.3	27	0.2	21.9	0.2	28	0.35	0.044
133555	Soil	0.8	18.4	15.0	60	0.2	19.4	8.9	289	1.96	11.0	0.8	2.6	5.5	17	<0.1	10.6	0.2	24	0.21	0.042
133556	Soil	0.7	19.9	16.0	65	0.2	19.9	9.6	276	2.03	10.5	1.6	1.7	4.2	31	0.1	10.4	0.2	27	0.37	0.048
133557	Soil	0.8	24.3	13.2	69	0.2	21.1	8.9	566	1.93	10.0	0.7	3.1	5.0	20	0.2	3.4	0.2	23	0.24	0.047
133558	Soil	0.5	15.9	13.3	53	0.1	14.1	6.4	250	1.65	7.7	1.1	1.8	3.7	26	<0.1	5.9	0.2	26	0.33	0.046
133559	Soil	0.4	9.9	10.4	53	<0.1	14.6	6.1	164	1.93	9.6	0.9	1.8	3.5	20	<0.1	6.1	0.1	25	0.24	0.047
133560	Soil	0.5	12.9	12.7	59	0.1	15.1	5.6	208	1.66	9.7	1.2	1.7	3.2	24	<0.1	5.9	0.2	28	0.28	0.051
133561	Soil	0.8	24.4	12.9	63	0.1	20.6	7.6	219	2.09	8.6	1.2	2.4	5.3	17	<0.1	2.9	0.1	33	0.20	0.049
133562	Soil	0.8	18.6	15.4	62	<0.1	20.0	7.4	271	2.06	9.0	0.8	2.0	5.9	10	<0.1	3.1	0.2	30	0.10	0.030
133563	Soil	0.9	23.2	10.5	63	<0.1	22.8	9.0	286	2.27	9.6	0.8	2.4	6.5	12	<0.1	2.6	0.1	30	0.13	0.041
133564	Soil	1.0	20.5	16.8	67	<0.1	25.2	9.5	301	2.49	11.9	0.7	9.4	5.2	14	0.2	2.0	0.2	42	0.16	0.043
133565	Soil	0.8	20.9	15.2	73	<0.1	21.5	8.4	275	2.29	11.6	0.9	2.0	7.9	10	<0.1	6.9	0.2	17	0.12	0.044
133566	Soil	0.8	21.6	16.0	74	<0.1	21.5	9.0	244	2.26	8.1	1.2	2.5	7.0	16	0.4	4.6	0.2	25	0.24	0.050
133567	Soil	0.8	15.8	13.8	61	<0.1	19.4	8.8	562	2.04	7.2	1.2	1.9	5.5	20	0.1	3.4	0.1	19	0.32	0.050
133568	Soil	1.1	24.0	13.2	78	0.2	25.4	9.8	421	2.37	8.4	1.3	4.3	6.5	17	0.3	4.5	0.2	25	0.26	0.052
133569	Soil	1.0	27.3	18.0	74	0.1	25.1	8.5	329	2.43	13.2	0.7	1.4	5.4	16	0.3	3.3	0.2	29	0.23	0.050
133570	Soil	2.8	68.8	27.2	94	0.8	25.8	8.7	403	2.44	37.1	2.2	9.9	3.8	48	0.7	3.7	0.3	30	0.34	0.097
133571	Soil	1.0	14.8	28.2	56	<0.1	15.7	5.0	159	1.98	53.6	0.6	103.9	2.5	8	0.2	1.0	0.1	35	0.08	0.047
133572	Soil	0.7	18.2	11.0	50	0.1	17.2	6.1	228	1.99	39.9	0.9	26.7	4.3	14	<0.1	1.2	0.1	36	0.16	0.073

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 7 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
133543	Soil	23	22	0.40	143	0.028	1	1.31	0.004	0.05	0.1	0.04	2.4	<0.1	<0.05	4	<0.5	<0.2
133544	Soil	18	20	0.37	93	0.018	1	1.25	0.005	0.05	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
133545	Soil	20	20	0.35	103	0.015	1	1.25	0.003	0.06	0.1	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
133546	Soil	20	20	0.33	112	0.010	<1	1.31	0.004	0.05	0.1	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2
133547	Soil	16	21	0.35	211	0.013	<1	1.32	0.005	0.05	0.1	0.05	2.2	<0.1	<0.05	4	<0.5	<0.2
133548	Soil	18	21	0.39	161	0.015	1	1.24	0.005	0.05	0.1	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
133549	Soil	20	21	0.39	196	0.018	1	1.25	0.006	0.05	0.1	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
133550	Soil	18	19	0.38	186	0.018	<1	1.13	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
133551	Soil	17	18	0.36	184	0.016	1	1.11	0.004	0.04	0.1	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
133552	Soil	14	18	0.34	241	0.013	1	1.10	0.004	0.05	0.2	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
133553	Soil	16	17	0.33	201	0.016	<1	1.08	0.004	0.04	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
133554	Soil	15	17	0.35	230	0.013	<1	1.12	0.005	0.05	0.1	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
133555	Soil	19	17	0.34	188	0.017	1	1.05	0.005	0.05	<0.1	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
133556	Soil	15	19	0.37	240	0.012	1	1.20	0.005	0.05	0.1	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
133557	Soil	19	17	0.36	194	0.016	<1	1.03	0.005	0.06	<0.1	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
133558	Soil	15	15	0.32	197	0.013	<1	1.00	0.004	0.05	0.1	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
133559	Soil	14	16	0.31	167	0.011	<1	0.97	0.004	0.04	0.2	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
133560	Soil	15	17	0.32	198	0.013	1	1.02	0.004	0.05	0.1	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
133561	Soil	22	22	0.41	209	0.034	<1	1.23	0.005	0.06	0.1	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
133562	Soil	18	21	0.38	115	0.032	<1	1.26	0.005	0.05	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
133563	Soil	22	21	0.40	172	0.033	1	1.19	0.006	0.05	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
133564	Soil	14	24	0.44	180	0.041	1	1.43	0.008	0.06	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
133565	Soil	25	17	0.38	104	0.014	<1	0.98	0.003	0.05	<0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
133566	Soil	20	20	0.42	182	0.016	1	1.21	0.005	0.04	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
133567	Soil	18	17	0.38	137	0.013	2	0.96	0.006	0.04	0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
133568	Soil	19	22	0.43	209	0.016	2	1.19	0.006	0.04	0.2	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
133569	Soil	18	21	0.38	151	0.018	2	1.16	0.005	0.05	0.1	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
133570	Soil	17	17	0.31	300	0.015	1	0.90	0.006	0.04	0.1	0.09	2.3	0.1	<0.05	2	2.1	<0.2
133571	Soil	10	19	0.24	56	0.040	2	1.00	0.003	0.03	0.3	0.06	1.4	<0.1	<0.05	3	<0.5	<0.2
133572	Soil	15	21	0.30	90	0.042	1	1.11	0.005	0.04	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 8 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
133573	Soil	1.4	20.4	13.9	61	0.2	17.9	6.3	246	2.40	123.2	1.1	39.9	2.0	12	0.3	2.3	0.2	45	0.12	0.077
133574	Soil	1.3	27.7	13.2	73	0.2	23.5	7.3	285	2.39	44.4	1.3	66.7	4.5	18	0.4	1.8	0.2	46	0.19	0.096
133575	Soil	1.3	29.5	16.0	72	0.3	22.1	7.2	254	2.27	36.1	1.1	10.7	5.5	14	0.5	2.2	0.2	36	0.16	0.094
133576	Soil	1.7	24.1	15.9	69	0.3	21.1	7.6	311	2.63	44.9	1.1	6.4	1.7	15	0.3	1.7	0.3	48	0.12	0.090
133577	Soil	1.3	31.1	10.9	61	0.3	22.0	7.3	294	2.14	21.7	1.3	20.2	5.7	14	0.3	1.7	0.2	35	0.14	0.087
133578	Soil	1.7	24.6	15.3	67	0.3	22.1	6.9	273	2.64	35.9	1.3	6.8	1.1	15	0.3	1.7	0.3	50	0.11	0.091
133579	Soil	1.0	17.8	9.7	62	<0.1	19.9	7.1	260	2.05	23.6	0.7	6.5	3.3	10	0.3	1.1	0.1	36	0.10	0.043
133580	Soil	1.6	21.7	16.6	64	0.2	19.4	7.2	301	2.63	40.7	1.2	14.0	1.6	15	0.2	1.5	0.3	49	0.10	0.081
133581	Soil	1.0	22.2	9.7	53	<0.1	14.9	6.3	175	2.29	27.6	0.6	4.5	2.1	9	0.2	0.9	0.2	57	0.07	0.033
133582	Soil	1.0	18.1	11.2	48	0.1	20.1	9.6	242	2.26	42.5	0.7	14.2	4.0	9	0.2	1.0	0.2	42	0.08	0.030
133583	Soil	1.3	16.7	15.9	51	0.2	15.4	5.4	293	2.00	87.1	0.9	9.6	1.8	11	0.3	1.5	0.2	32	0.08	0.082
133584	Soil	1.2	20.7	10.7	66	0.1	19.6	7.3	279	2.11	45.3	1.1	26.7	2.9	12	0.3	1.2	0.2	38	0.13	0.071
133585	Soil	1.7	25.3	16.3	60	0.4	20.8	6.5	217	2.31	143.8	1.2	130.5	4.6	14	0.2	3.1	0.2	37	0.16	0.116
133586	Soil	1.6	16.2	13.6	68	0.2	18.0	7.9	340	2.57	51.5	0.9	3.0	0.7	10	0.2	1.1	0.2	48	0.07	0.067
133587	Soil	1.1	16.0	12.2	73	0.2	20.7	8.5	353	2.39	35.9	0.9	10.1	3.6	13	0.3	1.3	0.2	43	0.15	0.076
133588	Soil	1.1	22.1	10.1	75	0.4	21.5	7.1	255	2.27	30.5	1.1	22.7	4.3	13	0.3	1.0	0.2	43	0.18	0.084
133589	Soil	1.6	24.8	11.3	518	2.1	22.3	5.0	212	14.39	2615	0.9	3.1	1.8	11	1.3	1.8	0.2	36	0.10	0.089
133590	Soil	1.1	27.0	12.0	85	0.5	16.5	15.3	428	2.53	88.1	0.9	133.5	4.4	9	0.5	1.4	0.3	35	0.08	0.063
133591	Soil	1.5	18.1	10.5	108	1.1	13.7	4.1	189	5.99	215.5	0.6	3.4	0.8	13	0.5	1.0	0.2	46	0.17	0.086
133592	Soil	1.1	18.9	8.6	71	0.4	15.8	4.9	215	3.50	114.8	0.7	4.0	1.5	12	0.3	1.0	0.2	38	0.12	0.073
133593	Soil	1.3	28.5	11.3	67	0.2	15.7	6.0	234	2.86	44.1	0.9	3.1	0.3	11	0.3	0.7	0.2	53	0.09	0.076
133594	Soil	1.6	36.8	11.6	76	0.2	18.5	7.3	295	2.78	41.7	0.9	1.4	1.1	12	0.2	0.9	0.2	52	0.12	0.064
133595	Soil	1.0	15.2	12.3	53	<0.1	15.9	6.4	276	2.95	13.1	0.6	1.4	2.3	10	0.2	0.9	0.2	48	0.09	0.042
133596	Soil	1.2	13.5	9.9	44	<0.1	14.0	5.1	202	2.42	12.3	0.6	2.6	1.1	9	0.1	0.7	0.2	43	0.07	0.043
133597	Soil	1.2	24.7	10.0	71	<0.1	19.6	8.4	337	2.35	11.7	0.9	6.3	2.0	13	0.3	0.8	0.2	46	0.14	0.072
133598	Soil	1.8	10.2	11.3	41	<0.1	9.4	3.3	163	2.52	14.1	0.5	0.7	0.6	7	<0.1	0.9	0.3	77	0.04	0.038
133599	Soil	2.0	14.7	12.5	61	<0.1	13.5	4.5	194	2.71	12.7	0.6	1.5	0.6	10	0.2	0.9	0.3	60	0.07	0.039
133600	Soil	1.6	15.6	11.6	68	<0.1	16.4	6.2	278	2.95	14.0	0.6	1.8	0.8	10	0.1	1.1	0.2	56	0.07	0.049
133601	Soil	1.0	16.4	8.8	49	<0.1	14.7	6.1	264	2.19	12.3	0.6	1.5	1.2	11	0.2	0.7	0.1	37	0.10	0.066
133602	Soil	1.0	24.8	10.0	79	0.1	23.1	9.6	359	2.53	13.4	0.8	3.8	2.8	15	0.2	0.9	0.2	44	0.16	0.081

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 8 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
133573	Soil	16	25	0.33	88	0.028	2	1.32	0.005	0.04	0.3	0.05	1.8	<0.1	<0.05	4	0.6	<0.2
133574	Soil	17	26	0.36	109	0.043	2	1.32	0.006	0.05	0.2	0.05	2.7	<0.1	<0.05	4	0.5	<0.2
133575	Soil	19	23	0.29	105	0.039	2	1.10	0.005	0.04	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2
133576	Soil	15	29	0.38	137	0.031	2	1.51	0.008	0.05	0.3	0.05	2.3	0.1	<0.05	5	0.8	<0.2
133577	Soil	18	22	0.30	80	0.036	<1	1.13	0.005	0.04	0.2	0.05	2.5	<0.1	<0.05	3	0.6	<0.2
133578	Soil	15	29	0.37	116	0.027	2	1.52	0.007	0.05	0.2	0.05	1.9	0.1	<0.05	5	1.1	<0.2
133579	Soil	12	21	0.28	69	0.037	<1	1.15	0.006	0.04	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
133580	Soil	16	28	0.37	117	0.027	2	1.53	0.007	0.05	0.3	0.04	2.0	<0.1	<0.05	5	0.8	<0.2
133581	Soil	15	23	0.24	63	0.039	1	1.34	0.004	0.02	0.3	0.06	1.6	<0.1	<0.05	5	0.5	<0.2
133582	Soil	13	24	0.30	80	0.037	1	1.49	0.005	0.03	0.4	0.06	1.9	<0.1	<0.05	4	0.8	<0.2
133583	Soil	18	21	0.21	70	0.016	1	0.89	0.004	0.04	0.2	0.05	1.0	<0.1	<0.05	3	0.6	<0.2
133584	Soil	17	21	0.29	79	0.032	1	1.13	0.005	0.04	0.3	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
133585	Soil	18	22	0.30	70	0.031	1	1.06	0.005	0.04	0.3	0.03	2.2	<0.1	<0.05	3	1.0	<0.2
133586	Soil	14	26	0.36	97	0.026	1	1.51	0.005	0.04	0.2	0.03	1.5	0.1	<0.05	5	0.6	<0.2
133587	Soil	17	24	0.38	100	0.040	1	1.42	0.008	0.05	0.3	0.04	2.1	<0.1	<0.05	4	0.9	<0.2
133588	Soil	18	24	0.34	79	0.044	1	1.22	0.005	0.04	0.4	0.04	2.1	<0.1	<0.05	3	0.8	<0.2
133589	Soil	10	17	0.14	194	0.032	1	0.92	0.004	0.04	0.3	0.05	1.9	0.3	<0.05	4	3.7	<0.2
133590	Soil	16	20	0.27	72	0.028	<1	1.04	0.005	0.04	0.6	0.03	1.9	0.2	<0.05	3	0.7	<0.2
133591	Soil	9	22	0.24	156	0.029	<1	0.99	0.004	0.04	0.3	0.05	1.3	0.2	<0.05	5	1.4	<0.2
133592	Soil	13	19	0.24	83	0.033	<1	0.90	0.004	0.04	0.2	0.04	1.4	0.1	<0.05	4	0.8	<0.2
133593	Soil	12	26	0.36	106	0.021	1	1.53	0.005	0.05	0.1	0.05	1.1	0.2	<0.05	6	0.6	<0.2
133594	Soil	13	27	0.41	108	0.031	<1	1.52	0.005	0.05	0.2	0.05	1.9	0.2	<0.05	5	0.7	<0.2
133595	Soil	11	29	0.36	65	0.039	1	1.38	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	5	0.5	<0.2
133596	Soil	11	25	0.31	71	0.027	<1	1.34	0.004	0.03	0.2	0.05	1.5	<0.1	<0.05	4	0.7	<0.2
133597	Soil	15	26	0.39	117	0.037	1	1.56	0.005	0.06	0.2	0.04	2.3	<0.1	<0.05	5	0.7	<0.2
133598	Soil	12	20	0.17	56	0.034	<1	0.80	0.003	0.04	0.1	0.03	0.9	0.1	<0.05	7	0.5	<0.2
133599	Soil	12	26	0.27	83	0.031	1	1.15	0.004	0.05	0.2	0.03	1.3	0.1	<0.05	6	0.5	<0.2
133600	Soil	12	30	0.40	76	0.033	1	1.21	0.004	0.05	0.1	0.03	1.6	0.1	<0.05	6	0.6	<0.2
133601	Soil	13	24	0.29	69	0.028	<1	1.43	0.004	0.04	<0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
133602	Soil	16	28	0.45	122	0.042	1	1.71	0.006	0.05	0.2	0.05	2.6	<0.1	<0.05	4	0.6	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 9 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
133603	Soil	1.0	17.9	8.8	68	<0.1	19.0	7.3	261	2.37	13.3	0.7	3.6	2.6	14	0.3	0.7	0.1	42	0.14	0.074
133604	Soil	0.8	20.8	8.2	62	0.1	17.0	5.8	234	1.71	54.1	0.8	5.6	2.8	11	0.2	1.0	0.1	31	0.11	0.069
133605	Soil	1.0	25.6	9.8	75	0.2	18.0	6.2	258	1.73	34.2	1.0	4.1	2.8	13	0.2	1.2	0.1	28	0.12	0.099
133606	Soil	1.1	30.5	11.6	79	0.2	23.9	8.1	267	2.39	45.0	1.0	28.2	4.0	14	0.4	1.4	0.2	41	0.13	0.081
133607	Soil	1.3	25.6	16.6	69	0.4	19.1	6.2	222	2.69	57.7	1.1	8.3	2.6	15	0.3	2.1	0.3	44	0.11	0.103
133608	Soil	1.0	44.2	11.5	73	0.2	30.2	10.7	269	2.91	59.1	1.0	10.4	3.2	13	0.2	1.4	0.2	51	0.13	0.075
133609	Soil	1.1	21.0	11.0	57	0.1	16.1	5.7	217	2.06	34.0	0.9	12.8	3.2	11	0.3	1.5	0.2	38	0.11	0.068
133610	Soil	1.1	20.0	27.4	55	0.2	16.0	5.0	205	2.11	71.0	0.9	150.4	1.6	11	0.3	1.6	0.2	40	0.09	0.070
133611	Soil	0.9	19.0	10.9	60	0.1	16.9	5.9	206	1.83	23.7	0.8	13.2	3.1	9	0.3	1.0	0.1	33	0.10	0.057
133612	Soil	1.2	24.3	19.3	66	0.3	21.9	7.5	313	2.14	26.8	1.0	27.0	4.0	13	0.4	1.2	0.2	39	0.15	0.076
133613	Soil	0.9	22.2	10.0	66	0.2	22.7	8.4	279	2.05	19.5	0.8	6.0	4.0	13	0.4	1.0	0.2	38	0.16	0.075
133614	Soil	1.0	20.3	10.2	74	<0.1	23.8	8.5	335	2.12	16.2	0.8	7.5	3.6	14	0.4	1.0	0.1	39	0.17	0.063
133615	Soil	1.7	22.8	23.3	64	0.5	17.4	6.2	315	2.25	47.2	1.4	26.5	8.2	14	0.4	2.6	0.3	41	0.12	0.090
133616	Soil	1.4	21.4	22.8	57	0.2	17.9	6.3	246	2.29	42.8	1.4	13.5	3.5	12	0.2	2.1	0.2	41	0.11	0.078
133617	Soil	1.3	21.6	17.5	54	0.3	16.1	5.1	207	2.25	50.8	1.0	14.0	1.5	11	0.3	1.7	0.2	42	0.10	0.074
133618	Soil	1.2	22.8	19.1	46	0.2	17.4	5.9	230	2.15	34.0	1.3	22.5	5.3	15	0.3	2.1	0.3	39	0.10	0.071
133619	Soil	1.4	14.2	17.7	48	0.3	13.1	5.1	244	2.43	66.0	0.8	8.9	0.8	13	0.4	1.4	0.3	47	0.06	0.062
133620	Soil	1.3	18.3	12.8	52	0.1	16.4	5.9	248	2.19	50.9	1.0	33.6	3.4	13	0.3	1.3	0.2	40	0.12	0.070
133621	Soil	1.4	14.3	12.5	47	0.3	11.9	4.1	244	2.20	34.9	0.8	4.5	1.0	11	0.3	1.5	0.2	41	0.07	0.070
133622	Soil	1.8	18.9	16.7	61	0.4	17.6	8.4	300	2.82	39.7	1.2	3.9	5.3	14	0.4	1.6	0.3	51	0.08	0.059
133623	Soil	1.2	25.5	12.7	60	0.3	17.8	9.4	332	2.69	29.1	0.9	3.1	0.7	10	0.3	1.0	0.2	49	0.07	0.062
133624	Soil	1.4	32.2	11.7	74	0.1	21.2	9.7	328	2.87	51.9	0.9	5.3	1.3	10	0.4	1.1	0.2	47	0.07	0.058
133625	Soil	1.4	22.7	11.9	57	0.2	13.4	4.9	188	2.85	35.7	0.6	3.9	1.9	8	0.7	0.9	0.2	57	0.07	0.042
133626	Soil	1.5	34.0	16.1	73	0.3	19.2	8.0	301	2.68	33.2	0.9	3.3	0.8	12	0.3	1.2	0.3	52	0.08	0.080
133627	Soil	1.4	23.1	12.0	67	0.2	14.6	6.1	261	2.40	27.3	0.7	3.8	0.4	10	0.3	0.8	0.2	48	0.07	0.060
133628	Soil	1.0	32.0	9.4	61	0.1	19.1	6.5	217	1.88	43.6	0.7	3.9	1.8	11	0.2	1.0	0.1	33	0.12	0.068
133629	Soil	1.3	20.5	13.2	109	0.4	20.0	7.5	338	2.24	71.0	1.1	3.1	0.6	17	0.2	1.1	0.2	38	0.23	0.118
133630	Soil	0.9	19.3	10.6	73	0.3	16.5	5.8	211	1.81	29.1	0.8	8.8	1.3	13	0.4	1.1	0.1	31	0.14	0.075
134399	Soil	0.8	21.9	25.9	49	0.2	19.9	10.3	322	2.46	17.6	0.8	1.3	10.3	8	<0.1	13.4	0.3	21	0.09	0.028
134400	Soil	0.9	29.6	34.5	68	<0.1	25.8	13.2	445	2.91	9.2	1.0	2.5	8.1	10	0.1	3.9	0.4	30	0.11	0.047

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 9 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.05	1	0.5	0.2	
133603	Soil	13	27	0.40	82	0.038	<1	1.47	0.005	0.04	0.2	0.05	2.1	<0.1	<0.05	4	0.7	<0.2
133604	Soil	14	17	0.24	57	0.032	1	0.86	0.004	0.04	0.2	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
133605	Soil	16	18	0.22	55	0.030	1	0.90	0.003	0.04	0.2	0.04	1.5	<0.1	<0.05	2	<0.5	<0.2
133606	Soil	18	27	0.38	88	0.035	1	1.20	0.004	0.04	0.3	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
133607	Soil	20	30	0.38	92	0.029	1	1.42	0.004	0.04	0.3	0.03	2.4	<0.1	<0.05	4	0.7	<0.2
133608	Soil	17	50	0.72	75	0.045	1	1.61	0.003	0.03	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
133609	Soil	18	24	0.32	68	0.035	2	1.14	0.005	0.04	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
133610	Soil	16	24	0.29	80	0.030	2	1.15	0.006	0.04	0.2	0.04	1.7	<0.1	<0.05	4	0.5	<0.2
133611	Soil	14	20	0.27	61	0.033	1	0.90	0.003	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
133612	Soil	17	24	0.32	74	0.044	2	1.07	0.005	0.04	0.4	0.05	2.0	<0.1	<0.05	3	<0.5	<0.2
133613	Soil	12	21	0.32	95	0.048	1	1.14	0.005	0.04	0.3	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
133614	Soil	13	22	0.34	99	0.047	1	1.15	0.006	0.04	0.3	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2
133615	Soil	18	25	0.29	118	0.038	1	1.32	0.006	0.05	0.2	0.06	3.0	<0.1	<0.05	4	<0.5	<0.2
133616	Soil	16	24	0.33	109	0.030	1	1.28	0.005	0.04	0.3	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
133617	Soil	13	23	0.27	77	0.025	1	1.16	0.006	0.04	0.3	0.05	1.6	0.1	<0.05	4	0.6	<0.2
133618	Soil	20	25	0.27	100	0.024	<1	1.33	0.006	0.04	0.3	0.06	2.1	<0.1	<0.05	4	0.5	<0.2
133619	Soil	12	25	0.27	90	0.021	1	1.36	0.005	0.04	0.2	0.06	1.1	0.1	<0.05	5	0.8	<0.2
133620	Soil	14	24	0.28	77	0.033	1	1.20	0.005	0.04	0.3	0.05	1.8	<0.1	<0.05	3	0.6	<0.2
133621	Soil	12	21	0.20	50	0.023	<1	1.02	0.003	0.03	0.2	0.04	1.0	<0.1	<0.05	4	0.5	<0.2
133622	Soil	14	30	0.33	96	0.034	2	1.69	0.006	0.04	0.3	0.06	2.5	0.1	<0.05	5	0.8	<0.2
133623	Soil	13	29	0.39	99	0.023	1	1.74	0.005	0.04	0.2	0.06	1.6	0.1	<0.05	5	0.6	<0.2
133624	Soil	13	31	0.38	59	0.033	<1	1.51	0.003	0.04	0.2	0.05	1.9	<0.1	<0.05	5	0.7	<0.2
133625	Soil	12	26	0.24	54	0.045	1	1.22	0.003	0.03	0.3	0.05	1.6	0.1	<0.05	6	0.6	<0.2
133626	Soil	12	29	0.38	132	0.024	<1	1.57	0.006	0.05	0.2	0.05	1.6	0.1	<0.05	5	0.5	<0.2
133627	Soil	10	25	0.33	89	0.023	1	1.22	0.004	0.05	0.2	0.04	0.9	<0.1	<0.05	5	0.7	<0.2
133628	Soil	15	22	0.31	87	0.021	<1	1.10	0.004	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
133629	Soil	13	27	0.34	143	0.015	1	1.31	0.006	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
133630	Soil	15	22	0.30	125	0.017	1	1.12	0.005	0.03	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
134399	Soil	37	15	0.28	129	0.011	<1	1.08	0.004	0.07	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
134400	Soil	30	19	0.46	90	0.021	<1	1.39	0.004	0.06	0.1	0.02	1.6	0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 10 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
134401	Soil	0.8	30.6	20.8	60	<0.1	23.4	10.4	293	2.68	9.7	1.0	2.4	5.6	10	<0.1	1.5	0.2	32	0.10	0.045
134402	Soil	0.8	26.4	17.5	60	<0.1	21.8	8.9	309	2.66	7.1	1.0	2.4	7.2	11	<0.1	1.2	0.2	25	0.09	0.034
134403	Soil	1.0	17.8	14.3	46	<0.1	15.0	6.2	208	2.09	8.1	0.7	1.6	3.8	7	<0.1	0.9	0.3	31	0.06	0.023
134404	Soil	0.7	22.2	39.4	64	<0.1	23.6	10.8	417	2.62	6.9	0.7	1.4	6.2	7	<0.1	2.6	0.2	22	0.07	0.035
134405	Soil	0.6	18.6	14.9	56	<0.1	18.8	8.7	260	2.41	5.6	0.6	2.1	4.9	7	<0.1	1.0	0.2	22	0.06	0.033
134406	Soil	0.7	14.5	15.3	58	<0.1	20.4	10.3	317	2.38	10.9	0.6	2.5	6.6	10	0.2	0.8	0.1	34	0.09	0.037
134407	Soil	0.5	24.9	19.3	75	<0.1	30.5	13.7	233	2.99	6.8	0.6	0.8	13.1	5	<0.1	0.4	0.2	20	0.05	0.024
134408	Soil	0.7	11.9	22.8	39	<0.1	13.8	6.9	349	1.94	4.3	0.4	<0.5	9.6	6	<0.1	0.2	0.2	16	0.03	0.025
134409	Soil	0.7	20.6	21.0	47	<0.1	21.0	8.5	454	2.12	7.6	0.8	2.2	6.3	9	0.1	0.6	0.2	25	0.09	0.027
134410	Soil	0.8	22.0	15.8	58	<0.1	21.6	8.7	365	2.08	8.0	0.9	1.1	7.4	12	0.1	5.3	0.2	21	0.15	0.036
134411	Soil	1.3	22.1	14.2	69	0.1	20.0	6.9	303	1.92	5.4	0.8	2.1	2.9	12	0.4	1.3	0.2	23	0.14	0.035
134412	Soil	3.5	18.7	14.5	59	0.1	17.6	6.7	261	2.07	10.5	0.8	2.6	4.5	15	0.1	2.1	0.2	29	0.09	0.028
134413	Soil	2.0	20.2	12.9	69	<0.1	17.9	6.1	239	2.13	10.5	1.0	4.1	3.7	11	0.3	1.7	0.2	35	0.09	0.042
134414	Soil	1.2	18.4	10.4	60	<0.1	17.4	6.3	277	2.00	9.1	0.9	8.9	4.5	14	0.2	1.4	0.2	30	0.15	0.050
134415	Soil	1.2	20.3	12.5	63	<0.1	19.9	6.3	238	1.99	11.5	0.7	8.5	5.1	10	0.2	2.5	0.2	24	0.13	0.036
134416	Soil	1.1	18.3	17.3	60	<0.1	18.7	6.5	251	2.03	17.6	0.6	2.2	4.9	9	0.2	4.2	0.2	20	0.10	0.036
134417	Soil	1.1	17.2	17.3	53	<0.1	15.2	5.3	198	1.85	10.5	0.6	1.8	2.8	8	0.1	2.1	0.2	19	0.08	0.038
134418	Soil	0.8	17.4	14.7	50	<0.1	15.9	5.6	213	1.89	7.6	0.7	1.5	3.7	9	0.2	1.4	0.2	22	0.09	0.037
134419	Soil	0.7	17.5	12.3	49	<0.1	15.2	5.8	223	1.88	7.0	0.7	1.6	3.8	10	0.2	1.1	0.1	23	0.10	0.039
134420	Soil	0.9	17.1	16.4	63	0.2	19.9	9.5	232	2.18	6.0	1.4	1.8	4.1	16	0.3	0.8	0.2	25	0.20	0.059
134421	Soil	0.8	16.1	10.9	56	<0.1	18.7	7.6	224	1.96	5.6	1.4	2.7	6.2	16	<0.1	0.8	0.2	23	0.19	0.038
134422	Soil	1.0	23.2	13.0	63	0.1	21.1	8.2	302	2.20	6.7	1.3	2.3	7.0	19	0.1	1.2	0.2	24	0.23	0.044
134423	Soil	0.9	21.2	15.7	69	0.2	22.7	11.2	666	2.37	7.5	2.5	2.8	6.6	26	0.3	1.6	0.2	29	0.29	0.041
134424	Soil	0.8	22.4	18.0	60	<0.1	23.4	9.0	664	1.86	6.5	1.8	4.6	8.8	23	0.3	0.9	0.2	26	0.25	0.034
134425	Soil	0.7	20.3	12.9	50	0.1	19.1	8.2	349	1.95	6.0	1.7	2.6	5.5	29	<0.1	0.9	0.2	26	0.36	0.046
134426	Soil	0.7	17.5	13.3	57	0.1	17.9	8.0	316	2.05	8.0	2.0	2.9	5.5	26	0.1	0.7	0.2	30	0.32	0.042
134427	Soil	0.5	26.8	12.9	78	<0.1	26.1	9.7	340	2.76	6.5	0.8	1.2	11.6	16	0.1	0.5	0.2	22	0.23	0.054
134428	Soil	5.7	35.6	16.6	111	1.1	23.0	4.3	123	2.76	17.6	2.3	5.1	1.8	20	0.2	6.0	0.2	46	0.07	0.094
134429	Soil	5.2	25.2	12.4	68	0.4	21.5	6.7	219	2.44	15.7	1.3	3.5	3.4	12	0.1	2.6	0.2	51	0.07	0.040
134430	Soil	12.2	36.0	13.0	132	0.9	29.3	6.3	177	2.52	28.9	3.6	3.3	1.8	24	0.2	6.3	0.2	53	0.05	0.061



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 10 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134401	Soil	30	22	0.43	122	0.024	1	1.46	0.005	0.06	0.1	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
134402	Soil	35	20	0.46	118	0.018	1	1.43	0.005	0.06	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
134403	Soil	25	19	0.35	114	0.016	<1	1.27	0.004	0.05	0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
134404	Soil	33	18	0.46	102	0.011	<1	1.24	0.004	0.04	<0.1	0.01	1.4	<0.1	<0.05	4	<0.5	<0.2
134405	Soil	31	18	0.43	120	0.011	<1	1.28	0.003	0.06	0.1	0.03	1.5	<0.1	<0.05	4	<0.5	<0.2
134406	Soil	15	24	0.39	125	0.029	<1	1.55	0.005	0.06	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
134407	Soil	36	22	0.60	124	0.009	<1	1.77	0.003	0.06	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
134408	Soil	20	14	0.29	81	0.020	<1	0.87	0.003	0.17	<0.1	<0.01	0.8	0.1	<0.05	3	<0.5	<0.2
134409	Soil	22	17	0.32	128	0.019	1	1.07	0.005	0.07	<0.1	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
134410	Soil	26	18	0.39	321	0.024	<1	1.02	0.009	0.10	0.1	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
134411	Soil	24	15	0.30	273	0.014	<1	1.04	0.005	0.06	0.1	0.05	1.4	<0.1	<0.05	3	<0.5	<0.2
134412	Soil	17	18	0.32	444	0.021	<1	1.07	0.005	0.05	0.2	0.09	1.7	<0.1	<0.05	3	<0.5	<0.2
134413	Soil	20	21	0.34	416	0.021	1	1.25	0.004	0.05	0.2	0.06	1.8	<0.1	<0.05	4	0.7	<0.2
134414	Soil	22	21	0.37	329	0.028	1	1.09	0.006	0.05	0.1	0.06	2.0	<0.1	<0.05	3	0.5	<0.2
134415	Soil	23	19	0.34	199	0.018	1	1.09	0.004	0.05	<0.1	0.04	1.5	<0.1	<0.05	3	<0.5	<0.2
134416	Soil	24	16	0.31	116	0.014	<1	0.99	0.004	0.06	0.1	0.04	1.2	<0.1	<0.05	3	0.5	<0.2
134417	Soil	25	15	0.29	111	0.009	1	0.98	0.005	0.06	<0.1	0.02	1.0	<0.1	<0.05	3	<0.5	<0.2
134418	Soil	27	16	0.33	140	0.013	1	1.07	0.004	0.05	<0.1	0.03	1.3	<0.1	<0.05	3	<0.5	<0.2
134419	Soil	24	16	0.31	141	0.017	<1	1.03	0.005	0.05	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
134420	Soil	24	19	0.37	377	0.010	<1	1.36	0.005	0.05	0.1	0.05	1.9	<0.1	<0.05	3	<0.5	<0.2
134421	Soil	25	18	0.35	266	0.014	<1	1.21	0.005	0.05	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
134422	Soil	27	20	0.40	263	0.016	<1	1.18	0.005	0.05	0.1	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
134423	Soil	23	22	0.40	337	0.013	<1	1.41	0.006	0.05	0.1	0.05	2.5	<0.1	<0.05	4	0.8	<0.2
134424	Soil	29	20	0.32	254	0.015	<1	1.20	0.006	0.07	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
134425	Soil	21	19	0.35	285	0.014	<1	1.21	0.006	0.05	0.2	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
134426	Soil	18	19	0.36	230	0.015	<1	1.22	0.006	0.05	0.2	0.06	2.2	<0.1	<0.05	3	<0.5	<0.2
134427	Soil	33	26	0.66	114	0.019	<1	1.39	0.006	0.05	<0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
134428	Soil	26	17	0.20	593	0.012	<1	0.96	0.006	0.07	0.1	0.23	1.4	0.1	<0.05	3	4.1	<0.2
134429	Soil	16	23	0.32	98	0.027	<1	1.47	0.005	0.05	0.2	0.13	2.1	0.2	<0.05	4	3.1	<0.2
134430	Soil	20	19	0.25	108	0.020	<1	1.09	0.004	0.05	0.2	0.30	1.6	0.2	<0.05	3	4.6	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 11 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
134432	Soil		13.6	29.3	17.8	108	1.0	20.5	3.8	111	2.21	18.8	3.4	3.2	2.0	29	0.1	5.6	0.2	48	0.08	0.089
134433	Soil		5.2	19.3	13.2	71	0.5	18.9	5.4	221	2.58	15.6	1.5	3.7	1.3	13	0.2	2.6	0.2	51	0.07	0.065
134434	Soil		8.0	84.0	32.2	227	0.8	56.6	18.4	742	3.76	13.7	5.1	3.3	8.9	41	2.1	3.9	0.4	38	0.07	0.084
134435	Soil		19.6	59.9	27.4	192	1.5	33.8	6.0	149	2.66	23.8	5.3	4.3	2.0	56	1.1	7.4	0.3	53	0.07	0.129
134436	Soil		19.2	22.5	13.1	91	0.8	17.5	4.4	175	1.91	18.7	2.3	2.9	2.9	19	0.2	6.0	0.2	41	0.09	0.074
134437	Soil		24.4	37.5	23.5	69	0.8	9.8	1.1	30	1.86	47.2	2.6	3.2	3.7	21	0.2	8.7	0.3	47	<0.01	0.051
134438	Soil		10.1	51.9	27.8	141	2.6	20.2	2.4	88	2.65	24.3	3.5	4.9	7.8	52	0.4	8.6	0.4	52	0.10	0.159
134439	Soil		10.3	36.3	32.0	142	3.1	24.6	2.8	97	3.04	38.9	3.8	11.5	4.6	59	0.4	8.5	0.4	60	0.07	0.256
134440	Soil		9.6	40.8	29.0	156	2.5	27.9	3.1	100	3.02	35.7	3.8	10.3	3.6	58	0.3	8.1	0.4	53	0.07	0.200
134441	Soil		6.3	47.8	25.5	134	1.3	22.2	4.3	170	3.05	14.2	4.0	4.5	3.6	31	0.3	3.0	0.4	47	0.08	0.121
134442	Soil		4.0	48.8	30.1	136	1.3	26.7	5.9	217	3.12	11.8	3.6	6.5	3.1	40	0.6	4.2	0.4	41	0.07	0.113
134443	Soil		4.3	49.2	29.8	189	0.8	34.7	7.6	233	3.25	10.5	3.5	5.1	7.1	36	0.8	3.6	0.4	32	0.07	0.091
134444	Soil		1.6	31.2	13.1	118	0.3	27.0	8.6	327	2.58	11.0	1.8	2.2	4.3	16	0.7	1.4	0.2	42	0.13	0.072
134445	Soil		2.2	29.0	12.9	107	0.3	23.1	6.4	201	2.65	10.2	2.0	11.9	3.1	18	0.5	1.5	0.3	43	0.12	0.076
134446	Soil		1.6	24.9	12.5	77	0.3	17.2	4.6	175	2.29	9.4	1.7	7.0	1.8	16	0.2	1.4	0.2	37	0.11	0.070
134447	Soil		1.3	21.8	11.9	70	0.2	17.7	5.1	172	2.34	11.4	1.4	2.6	1.9	12	0.2	1.2	0.2	36	0.10	0.059
134448	Soil		0.9	26.3	21.0	98	<0.1	30.2	11.1	360	2.88	14.8	1.0	1.7	7.4	13	0.5	1.5	0.3	27	0.16	0.068
134449	Soil		0.9	32.9	31.3	99	<0.1	29.3	17.8	636	3.15	15.5	1.3	2.0	9.4	9	0.4	1.1	0.3	25	0.12	0.062
134450	Soil		0.8	24.9	28.8	84	<0.1	24.6	15.2	466	2.48	15.7	1.2	2.8	7.3	11	0.4	1.7	0.2	25	0.12	0.060
134451	Soil		1.0	27.1	21.3	85	0.1	28.5	11.6	374	2.75	11.5	1.2	8.8	5.7	10	0.4	1.1	0.2	36	0.10	0.050
134452	Soil		1.2	14.0	18.0	51	<0.1	15.0	5.3	187	2.22	11.7	0.8	2.6	1.1	8	0.3	0.7	0.3	50	0.06	0.045
134453	Soil		0.8	27.9	20.2	86	<0.1	28.1	12.8	537	2.63	10.2	1.1	2.6	5.3	9	0.3	1.1	0.2	28	0.11	0.050
134454	Soil		0.9	21.0	17.0	55	<0.1	17.5	5.8	197	2.48	10.4	0.9	2.2	2.1	9	0.2	0.9	0.2	37	0.09	0.050
134455	Soil		0.9	31.0	46.8	80	<0.1	29.0	32.4	1572	2.91	10.5	0.9	1.5	9.6	8	0.2	1.1	0.4	27	0.09	0.049
134456	Soil		1.1	39.7	25.7	74	0.1	30.3	25.9	728	3.25	7.0	1.8	2.0	5.5	7	<0.1	0.9	0.5	26	0.05	0.039
134457	Soil		1.1	24.4	18.4	69	<0.1	23.6	8.2	378	3.86	10.2	0.9	1.5	10.1	5	<0.1	1.3	0.4	28	0.03	0.029
134458	Soil		0.9	44.5	27.2	79	0.3	46.3	15.3	809	2.80	11.5	1.4	4.2	13.7	26	0.4	1.3	0.3	23	0.44	0.087
134459	Soil		0.5	30.5	26.9	68	<0.1	36.3	19.0	659	2.52	8.4	1.1	1.2	15.8	8	0.2	0.8	0.2	11	0.14	0.043
134460	Soil		0.7	25.7	18.6	72	<0.1	36.1	12.7	392	2.82	9.1	1.0	4.9	7.9	11	0.3	0.8	0.2	32	0.14	0.049
134461	Soil		1.0	40.2	23.6	126	0.2	56.4	26.9	1493	3.03	43.7	1.5	3.7	11.6	19	0.6	5.2	0.4	6	0.74	0.076

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 11 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134432	Soil	23	17	0.26	180	0.018	<1	0.82	0.005	0.08	0.1	0.31	1.6	0.2	0.06	2	4.0	<0.2
134433	Soil	14	26	0.29	125	0.018	<1	1.42	0.005	0.06	0.2	0.17	1.6	0.2	<0.05	4	2.2	<0.2
134434	Soil	32	18	0.44	155	0.010	<1	1.34	0.004	0.06	<0.1	0.21	2.0	0.2	<0.05	3	2.9	<0.2
134435	Soil	22	15	0.22	185	0.006	<1	0.79	0.004	0.08	0.2	0.59	1.2	0.3	0.07	2	7.0	<0.2
134436	Soil	18	14	0.25	91	0.015	<1	0.73	0.004	0.05	0.4	0.34	1.4	0.2	<0.05	2	3.3	<0.2
134437	Soil	26	7	0.04	142	0.002	<1	0.30	0.003	0.06	0.1	0.35	0.8	0.2	0.08	1	5.6	<0.2
134438	Soil	37	16	0.19	140	0.004	<1	0.62	0.005	0.08	<0.1	0.49	1.3	0.2	0.09	2	5.1	<0.2
134439	Soil	34	18	0.17	178	0.011	<1	0.56	0.006	0.11	<0.1	0.47	1.4	0.2	0.18	2	5.3	0.2
134440	Soil	34	17	0.18	163	0.009	<1	0.62	0.005	0.10	<0.1	0.42	1.3	0.2	0.16	2	4.7	0.2
134441	Soil	35	25	0.29	111	0.011	<1	1.04	0.006	0.07	0.1	0.20	1.3	0.1	0.06	3	3.3	<0.2
134442	Soil	30	25	0.32	114	0.010	<1	1.12	0.007	0.06	<0.1	0.15	1.4	0.1	<0.05	3	2.3	<0.2
134443	Soil	29	16	0.25	91	0.008	<1	0.86	0.005	0.06	<0.1	0.10	1.6	<0.1	<0.05	2	2.1	<0.2
134444	Soil	22	23	0.42	161	0.034	1	1.34	0.007	0.06	0.2	0.07	2.8	0.1	<0.05	4	0.7	<0.2
134445	Soil	27	24	0.41	108	0.031	1	1.32	0.005	0.05	0.2	0.08	2.1	0.1	<0.05	4	<0.5	<0.2
134446	Soil	25	22	0.35	83	0.020	1	1.26	0.005	0.05	0.2	0.08	1.4	<0.1	<0.05	3	<0.5	<0.2
134447	Soil	23	22	0.37	78	0.023	1	1.30	0.005	0.05	0.2	0.05	1.4	<0.1	<0.05	4	0.5	<0.2
134448	Soil	30	20	0.47	68	0.024	<1	1.17	0.006	0.05	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
134449	Soil	32	20	0.56	75	0.017	<1	1.37	0.004	0.04	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
134450	Soil	25	17	0.40	86	0.028	1	1.08	0.004	0.04	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
134451	Soil	24	23	0.45	122	0.033	<1	1.46	0.005	0.05	0.1	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
134452	Soil	16	21	0.26	126	0.019	<1	1.55	0.006	0.04	0.2	0.03	1.2	0.1	<0.05	6	<0.5	<0.2
134453	Soil	22	20	0.41	99	0.020	<1	1.25	0.005	0.04	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
134454	Soil	17	21	0.34	83	0.018	<1	1.34	0.004	0.04	0.2	0.05	1.6	<0.1	<0.05	4	0.5	<0.2
134455	Soil	21	20	0.39	63	0.018	<1	1.08	0.003	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
134456	Soil	19	20	0.47	68	0.023	<1	1.42	0.003	0.04	<0.1	0.02	1.2	<0.1	<0.05	6	<0.5	<0.2
134457	Soil	28	20	0.46	30	0.017	2	1.30	0.003	0.03	0.1	0.02	1.4	<0.1	<0.05	6	<0.5	<0.2
134458	Soil	54	17	0.30	191	0.018	<1	0.89	0.007	0.04	0.1	0.07	5.1	<0.1	<0.05	3	1.0	<0.2
134459	Soil	39	12	0.31	96	0.006	<1	0.85	0.003	0.03	<0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
134460	Soil	28	23	0.41	249	0.013	<1	1.60	0.005	0.04	0.1	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
134461	Soil	32	6	0.21	111	0.003	1	0.42	0.004	0.05	<0.1	0.06	3.0	<0.1	<0.05	1	0.6	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 12 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
134462	Soil	1.0	24.8	16.6	62	0.1	26.1	9.1	334	2.34	9.5	1.2	3.0	5.5	17	<0.1	1.1	0.2	24	0.36	0.041
134463	Soil	0.8	17.9	12.4	56	<0.1	20.1	7.6	306	2.10	8.0	0.9	1.3	4.5	15	<0.1	0.7	0.2	29	0.26	0.048
134464	Soil	0.9	10.5	11.1	46	<0.1	15.4	5.5	191	1.93	6.2	0.5	1.2	3.2	12	<0.1	0.4	0.2	27	0.20	0.042
134465	Soil	0.8	13.9	23.0	48	<0.1	15.3	7.1	245	2.37	8.2	0.4	1.2	7.1	7	0.1	0.5	0.2	27	0.05	0.032
134466	Soil	0.8	27.4	14.8	61	<0.1	40.6	13.9	521	2.87	6.8	0.6	0.8	6.5	14	<0.1	0.4	0.2	27	0.17	0.042
134467	Soil	0.6	17.8	16.0	55	<0.1	29.7	15.1	578	2.50	4.9	0.5	0.6	6.5	7	0.2	0.3	0.1	20	0.08	0.033
134468	Soil	1.0	31.5	17.0	63	0.1	57.6	17.4	680	3.30	5.9	0.8	3.6	5.5	24	0.1	0.4	0.1	24	0.39	0.039
134469	Soil	0.5	22.0	15.5	62	<0.1	34.1	11.2	371	2.47	6.4	0.8	0.6	5.5	17	<0.1	0.6	0.2	22	0.25	0.045
134470	Soil	2.1	20.3	12.8	54	0.2	12.3	5.1	254	2.41	12.6	1.5	3.1	2.3	12	0.1	1.1	0.3	44	0.10	0.081
134471	Soil	4.1	33.4	26.2	64	0.9	13.7	4.1	206	2.53	14.6	2.8	5.7	1.2	16	0.2	1.8	0.5	46	0.05	0.103
134472	Soil	3.0	33.9	21.7	47	0.5	6.8	1.7	125	2.59	11.2	1.6	5.0	1.2	15	<0.1	1.5	0.4	40	0.03	0.076
134473	Soil	5.4	45.7	29.6	67	1.0	13.2	3.6	145	2.62	24.1	4.1	8.2	6.0	23	0.2	2.7	0.4	42	0.05	0.095
134474	Soil	3.7	41.8	16.6	95	0.5	19.7	7.4	285	2.97	18.9	2.1	5.3	5.7	17	0.4	2.0	0.3	41	0.10	0.091
134475	Soil	11.4	46.9	19.0	59	0.6	9.8	2.1	210	3.06	25.1	3.6	6.5	6.8	28	0.1	2.3	0.3	41	0.09	0.148
134476	Soil	2.7	25.4	15.2	52	0.2	11.3	3.7	155	2.56	19.5	1.3	6.7	3.0	13	0.1	1.5	0.3	49	0.09	0.097



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 12 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001467.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134462	Soil	21	20	0.37	130	0.012	1	1.09	0.005	0.05	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
134463	Soil	19	21	0.39	164	0.017	<1	1.16	0.006	0.05	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
134464	Soil	15	21	0.37	122	0.010	<1	1.08	0.006	0.04	0.1	0.02	1.3	<0.1	<0.05	4	<0.5	<0.2
134465	Soil	24	18	0.34	57	0.009	<1	1.14	0.003	0.07	0.1	0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
134466	Soil	21	41	0.66	123	0.014	<1	1.39	0.004	0.06	<0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
134467	Soil	18	34	0.53	105	0.010	<1	1.12	0.004	0.08	<0.1	0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
134468	Soil	15	63	0.83	97	0.008	<1	1.41	0.004	0.07	<0.1	0.04	3.0	<0.1	<0.05	4	<0.5	<0.2
134469	Soil	22	33	0.51	147	0.009	<1	1.21	0.004	0.06	<0.1	0.04	1.7	<0.1	<0.05	3	0.5	<0.2
134470	Soil	18	26	0.36	112	0.022	1	1.43	0.005	0.05	0.2	0.11	1.9	0.1	<0.05	4	1.0	<0.2
134471	Soil	29	31	0.33	150	0.009	<1	1.23	0.006	0.06	0.1	0.18	1.4	0.1	<0.05	4	2.8	<0.2
134472	Soil	16	24	0.31	80	0.008	<1	0.93	0.004	0.04	<0.1	0.11	0.8	<0.1	0.06	4	3.5	<0.2
134473	Soil	37	22	0.29	149	0.009	<1	1.10	0.004	0.04	<0.1	0.16	2.1	<0.1	0.07	3	3.8	0.2
134474	Soil	24	23	0.40	183	0.021	<1	1.24	0.006	0.06	0.1	0.14	3.4	<0.1	<0.05	4	2.0	<0.2
134475	Soil	32	29	0.51	125	0.004	<1	1.21	0.004	0.04	<0.1	0.20	1.8	<0.1	<0.05	4	4.8	<0.2
134476	Soil	20	25	0.29	99	0.018	<1	1.08	0.004	0.04	0.2	0.07	1.6	<0.1	<0.05	5	1.7	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: November 03, 2011

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

WHI11001467.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
122774	Soil	5.4	22.3	14.0	65	0.6	21.0	5.5	214	2.45	22.7	3.4	16.1	1.0	36	0.2	3.1	0.3	38	0.06	0.094
REP 122774	QC	5.6	22.7	14.1	66	0.6	20.9	5.9	214	2.47	23.4	3.5	18.1	1.0	38	0.2	3.1	0.3	40	0.06	0.097
122790	Soil	1.7	54.0	10.8	91	0.3	35.9	7.8	375	2.33	12.5	1.1	7.6	3.1	10	0.3	1.2	0.2	33	0.09	0.071
REP 122790	QC	1.7	52.2	10.8	92	0.3	33.3	7.4	367	2.27	12.4	1.0	14.4	2.9	10	0.3	1.3	0.2	31	0.09	0.072
122798	Soil	1.6	31.1	12.7	73	0.3	29.6	8.5	316	2.62	22.4	1.1	11.7	2.0	10	0.1	1.0	0.2	42	0.11	0.079
REP 122798	QC	1.4	30.1	12.4	71	0.3	26.6	7.7	306	2.48	21.5	1.0	7.5	2.2	10	0.2	1.7	0.2	40	0.10	0.072
122813	Soil	1.6	29.1	14.6	89	0.2	26.2	11.8	511	3.03	17.4	1.3	3.1	2.9	13	0.2	0.9	0.3	50	0.12	0.095
REP 122813	QC	1.2	29.2	14.1	86	0.2	24.8	11.8	501	2.93	17.3	1.2	5.1	2.6	13	0.2	0.8	0.2	48	0.12	0.095
125362	Soil	1.2	16.9	11.1	47	0.1	14.8	5.1	158	2.15	13.7	0.8	7.5	1.3	9	0.1	0.8	0.2	42	0.08	0.052
REP 125362	QC	1.4	17.4	11.2	46	0.1	15.5	5.3	162	2.20	13.9	0.8	9.1	1.4	10	<0.1	0.9	0.2	43	0.08	0.052
133483	Soil	0.6	21.6	11.5	50	<0.1	18.4	6.6	247	1.88	12.5	1.0	3.6	3.7	11	0.1	3.5	0.1	29	0.13	0.049
REP 133483	QC	0.5	21.0	11.3	52	<0.1	18.5	6.5	243	1.88	12.5	0.6	3.3	3.7	11	0.1	3.5	0.1	29	0.14	0.050
133516	Soil	0.9	21.8	18.8	71	0.1	21.7	8.7	445	2.45	5.9	1.6	3.5	7.3	13	0.2	0.7	0.2	16	0.25	0.049
REP 133516	QC	1.0	23.3	19.1	72	0.1	22.5	8.9	442	2.48	5.8	1.5	1.4	7.3	14	0.2	0.9	0.2	16	0.26	0.048
133523	Soil	0.9	17.1	14.7	65	0.2	19.4	5.9	203	2.15	12.5	0.8	2.6	1.6	10	0.2	1.1	0.2	31	0.11	0.053
REP 133523	QC	1.2	17.5	14.6	66	0.1	19.4	6.1	211	2.21	12.9	0.8	2.2	1.4	11	0.1	1.2	0.2	33	0.11	0.053
133537	Soil	1.2	20.6	15.3	48	<0.1	16.8	7.0	237	2.59	10.5	0.8	2.9	4.6	11	<0.1	0.8	0.3	44	0.08	0.045
REP 133537	QC	1.1	20.6	15.3	50	<0.1	17.4	6.8	231	2.52	10.5	0.8	2.4	4.5	11	<0.1	0.8	0.3	42	0.09	0.044
133562	Soil	0.8	18.6	15.4	62	<0.1	20.0	7.4	271	2.06	9.0	0.8	2.0	5.9	10	<0.1	3.1	0.2	30	0.10	0.030
REP 133562	QC	0.8	18.1	15.2	61	0.1	19.8	7.5	262	2.03	9.0	0.8	3.4	5.6	9	<0.1	2.8	0.2	29	0.09	0.029
133566	Soil	0.8	21.6	16.0	74	<0.1	21.5	9.0	244	2.26	8.1	1.2	2.5	7.0	16	0.4	4.6	0.2	25	0.24	0.050
REP 133566	QC	0.8	20.8	16.2	71	0.1	20.8	8.9	236	2.18	8.1	1.2	2.4	6.9	16	0.2	4.5	0.2	24	0.23	0.051
133583	Soil	1.3	16.7	15.9	51	0.2	15.4	5.4	293	2.00	87.1	0.9	9.6	1.8	11	0.3	1.5	0.2	32	0.08	0.082
REP 133583	QC	1.2	17.0	14.8	49	0.3	14.7	5.4	286	2.01	86.5	0.9	22.0	1.7	11	0.3	1.6	0.2	34	0.09	0.081
133597	Soil	1.2	24.7	10.0	71	<0.1	19.6	8.4	337	2.35	11.7	0.9	6.3	2.0	13	0.3	0.8	0.2	46	0.14	0.072
REP 133597	QC	1.2	25.0	9.7	75	<0.1	20.4	8.5	337	2.34	12.6	0.9	1.2	2.1	13	0.3	0.8	0.2	46	0.14	0.070
133617	Soil	1.3	21.6	17.5	54	0.3	16.1	5.1	207	2.25	50.8	1.0	14.0	1.5	11	0.3	1.7	0.2	42	0.10	0.074
REP 133617	QC	1.6	21.3	17.8	54	0.3	16.3	5.1	209	2.26	51.5	1.0	21.5	1.4	11	0.2	2.0	0.2	43	0.09	0.076



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

WHI11001467.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te		
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2		
Pulp Duplicates																			
122774	Soil	11	31	0.31	232	0.016	<1	0.97	0.004	0.04	0.2	0.15	1.3	0.1	<0.05	5	3.3	<0.2	
REP 122774	QC	11	30	0.31	239	0.018	1	1.02	0.004	0.04	0.2	0.12	1.3	0.1	0.06	5	3.5	<0.2	
122790	Soil	12	18	0.30	61	0.025	<1	0.91	0.005	0.03	0.1	0.04	2.1	<0.1	<0.05	3	0.8	<0.2	
REP 122790	QC	12	18	0.29	67	0.027	<1	0.91	0.004	0.03	0.2	0.04	2.2	<0.1	<0.05	3	1.0	<0.2	
122798	Soil	12	23	0.30	83	0.028	<1	1.19	0.004	0.05	0.2	0.06	1.8	<0.1	<0.05	4	0.7	<0.2	
REP 122798	QC	11	23	0.29	75	0.024	<1	1.13	0.005	0.04	0.2	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2	
122813	Soil	15	30	0.45	113	0.035	1	1.93	0.006	0.06	0.2	0.06	2.8	0.1	<0.05	5	0.6	<0.2	
REP 122813	QC	14	29	0.44	110	0.035	1	1.92	0.006	0.06	0.2	0.05	2.7	0.1	<0.05	5	0.6	<0.2	
125362	Soil	11	24	0.33	84	0.026	1	1.39	0.006	0.03	0.2	0.05	1.6	0.1	<0.05	4	<0.5	<0.2	
REP 125362	QC	12	25	0.33	86	0.026	<1	1.38	0.004	0.03	0.2	0.05	1.7	0.1	<0.05	4	0.6	<0.2	
133483	Soil	17	18	0.36	102	0.034	<1	1.07	0.006	0.05	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2	
REP 133483	QC	17	18	0.35	101	0.036	<1	1.05	0.005	0.05	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2	
133516	Soil	22	14	0.33	79	0.011	<1	0.84	0.004	0.04	<0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2	
REP 133516	QC	23	13	0.33	83	0.011	1	0.86	0.004	0.04	<0.1	0.04	1.6	<0.1	<0.05	2	<0.5	<0.2	
133523	Soil	17	19	0.39	132	0.015	1	1.25	0.005	0.06	0.2	0.03	1.4	<0.1	<0.05	4	<0.5	<0.2	
REP 133523	QC	17	21	0.39	137	0.016	1	1.31	0.005	0.06	0.1	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2	
133537	Soil	15	23	0.33	121	0.025	1	1.48	0.004	0.05	0.1	0.03	2.0	<0.1	<0.05	5	0.7	<0.2	
REP 133537	QC	15	23	0.33	121	0.028	2	1.46	0.004	0.05	0.2	0.02	2.0	<0.1	<0.05	5	<0.5	<0.2	
133562	Soil	18	21	0.38	115	0.032	<1	1.26	0.005	0.05	0.1	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2	
REP 133562	QC	17	20	0.37	116	0.029	<1	1.21	0.008	0.05	0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2	
133566	Soil	20	20	0.42	182	0.016	1	1.21	0.005	0.04	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2	
REP 133566	QC	19	20	0.41	179	0.014	2	1.14	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2	
133583	Soil	18	21	0.21	70	0.016	1	0.89	0.004	0.04	0.2	0.05	1.0	<0.1	<0.05	3	0.6	<0.2	
REP 133583	QC	19	21	0.21	70	0.020	<1	0.93	0.004	0.04	0.2	0.06	1.1	<0.1	<0.05	3	0.8	<0.2	
133597	Soil	15	26	0.39	117	0.037	1	1.56	0.005	0.06	0.2	0.04	2.3	<0.1	<0.05	5	0.7	<0.2	
REP 133597	QC	15	26	0.39	115	0.039	2	1.59	0.006	0.05	0.2	0.05	2.3	0.1	<0.05	4	<0.5	<0.2	
133617	Soil	13	23	0.27	77	0.025	1	1.16	0.006	0.04	0.3	0.05	1.6	0.1	<0.05	4	0.6	<0.2	
REP 133617	QC	13	23	0.27	78	0.027	1	1.16	0.005	0.04	0.2	0.06	1.6	0.1	<0.05	4	0.9	<0.2	

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: November 03, 2011

Page: 2 of 3 **Part** 1

QUALITY CONTROL REPORT

WHI11001467.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
134402	Soil	0.8	26.4	17.5	60	<0.1	21.8	8.9	309	2.66	7.1	1.0	2.4	7.2	11	<0.1	1.2	0.2	25	0.09	0.034
REP 134402	QC	0.8	26.5	17.6	60	<0.1	20.8	8.8	304	2.61	6.9	1.0	3.5	7.3	11	<0.1	1.1	0.2	25	0.09	0.034
134414	Soil	1.2	18.4	10.4	60	<0.1	17.4	6.3	277	2.00	9.1	0.9	8.9	4.5	14	0.2	1.4	0.2	30	0.15	0.050
REP 134414	QC	1.2	17.7	10.0	57	<0.1	16.8	6.2	273	1.96	8.6	0.9	1.3	4.5	13	0.1	1.3	0.2	29	0.16	0.048
134435	Soil	19.6	59.9	27.4	192	1.5	33.8	6.0	149	2.66	23.8	5.3	4.3	2.0	56	1.1	7.4	0.3	53	0.07	0.129
REP 134435	QC	20.7	61.1	26.8	196	1.7	34.8	5.8	146	2.61	24.1	5.2	2.8	1.8	57	1.1	7.8	0.3	53	0.07	0.130
134459	Soil	0.5	30.5	26.9	68	<0.1	36.3	19.0	659	2.52	8.4	1.1	1.2	15.8	8	0.2	0.8	0.2	11	0.14	0.043
REP 134459	QC	0.6	30.5	27.3	69	<0.1	36.0	18.6	641	2.47	7.2	1.1	2.3	15.8	8	0.2	0.8	0.2	10	0.15	0.044
134469	Soil	0.5	22.0	15.5	62	<0.1	34.1	11.2	371	2.47	6.4	0.8	0.6	5.5	17	<0.1	0.6	0.2	22	0.25	0.045
REP 134469	QC	0.5	21.0	15.1	62	<0.1	32.4	10.8	361	2.44	6.1	0.8	6.8	5.6	17	<0.1	0.5	0.2	22	0.25	0.044
Reference Materials																					
STD DS8	Standard	13.8	105.9	124.3	305	1.7	38.7	7.3	601	2.49	24.7	2.9	110.9	7.3	75	2.6	6.1	6.7	47	0.68	0.072
STD DS8	Standard	12.4	109.0	116.5	302	1.7	35.5	7.3	604	2.38	25.0	2.6	113.7	6.1	64	2.2	5.2	6.7	40	0.69	0.079
STD DS8	Standard	12.8	99.2	119.9	298	1.7	36.0	7.0	578	2.32	23.2	2.6	102.2	6.7	68	2.2	5.0	6.4	40	0.68	0.072
STD DS8	Standard	11.1	97.0	110.8	292	1.8	34.1	6.6	553	2.21	23.2	2.5	102.5	6.1	64	2.3	5.2	6.0	38	0.63	0.072
STD DS8	Standard	12.3	101.8	112.9	290	1.7	34.3	6.8	562	2.23	23.3	2.6	104.8	6.1	63	2.1	5.0	6.2	39	0.64	0.073
STD DS8	Standard	13.0	104.8	117.9	310	1.8	37.3	7.3	596	2.43	24.7	2.6	106.1	6.6	70	2.3	5.8	6.1	41	0.70	0.076
STD DS8	Standard	13.1	100.8	118.8	309	1.7	36.3	6.9	595	2.37	24.0	2.6	106.4	6.7	69	2.2	5.5	6.3	40	0.70	0.076
STD DS8	Standard	12.7	110.5	129.0	319	1.8	39.1	7.7	611	2.31	24.4	2.6	120.9	6.1	66	2.3	5.7	7.0	43	0.67	0.075
STD DS8	Standard	11.2	97.6	117.8	291	1.7	33.0	6.2	561	2.28	23.3	2.5	101.6	6.0	63	1.9	5.1	6.3	37	0.62	0.077
STD DS8	Standard	13.2	115.3	131.8	327	1.9	39.9	7.9	640	2.58	26.5	2.8	125.7	6.7	72	2.4	5.4	7.0	43	0.70	0.084
STD DS8	Standard	12.8	108.2	129.6	304	1.8	35.8	7.3	605	2.44	24.4	2.8	110.0	7.0	67	1.9	5.7	6.5	42	0.67	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	2.5	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: November 03, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

WHI11001467.1

		1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
134402	Soil	35	20	0.46	118	0.018	1	1.43	0.005	0.06	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
REP 134402	QC	35	19	0.45	121	0.015	<1	1.40	0.004	0.07	<0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
134414	Soil	22	21	0.37	329	0.028	1	1.09	0.006	0.05	0.1	0.06	2.0	<0.1	<0.05	3	0.5	<0.2
REP 134414	QC	21	20	0.36	329	0.027	1	1.07	0.006	0.05	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
134435	Soil	22	15	0.22	185	0.006	<1	0.79	0.004	0.08	0.2	0.59	1.2	0.3	0.07	2	7.0	<0.2
REP 134435	QC	24	15	0.22	187	0.007	<1	0.80	0.004	0.08	0.3	0.56	1.1	0.3	0.08	2	5.3	<0.2
134459	Soil	39	12	0.31	96	0.006	<1	0.85	0.003	0.03	<0.1	0.03	1.5	<0.1	<0.05	2	<0.5	<0.2
REP 134459	QC	38	11	0.30	92	0.005	<1	0.85	0.003	0.04	<0.1	0.02	1.5	<0.1	<0.05	2	<0.5	<0.2
134469	Soil	22	33	0.51	147	0.009	<1	1.21	0.004	0.06	<0.1	0.04	1.7	<0.1	<0.05	3	0.5	<0.2
REP 134469	QC	20	33	0.50	145	0.008	<1	1.20	0.004	0.06	<0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	114	0.61	294	0.121	3	0.93	0.111	0.45	3.0	0.19	3.4	5.3	0.22	5	4.4	5.1
STD DS8	Standard	15	110	0.59	275	0.110	2	0.89	0.093	0.41	2.7	0.20	2.3	5.3	0.16	5	5.2	5.2
STD DS8	Standard	15	110	0.58	266	0.119	2	0.91	0.098	0.41	2.7	0.19	2.5	5.1	0.10	5	5.1	4.6
STD DS8	Standard	14	105	0.55	262	0.113	2	0.86	0.096	0.39	2.7	0.18	2.6	5.1	0.13	4	4.5	4.3
STD DS8	Standard	13	109	0.56	257	0.110	2	0.86	0.097	0.39	2.9	0.19	2.2	5.0	0.15	4	5.5	4.8
STD DS8	Standard	16	115	0.61	278	0.122	3	0.92	0.099	0.42	2.8	0.19	2.4	5.2	0.11	5	4.9	5.2
STD DS8	Standard	16	111	0.61	274	0.117	2	0.91	0.093	0.42	2.9	0.18	2.4	5.3	0.12	4	4.0	4.6
STD DS8	Standard	14	118	0.62	263	0.107	3	0.89	0.084	0.39	3.0	0.20	2.2	5.7	0.17	5	5.6	4.7
STD DS8	Standard	13	103	0.54	247	0.097	3	0.84	0.089	0.40	2.6	0.19	2.3	5.1	0.14	4	4.9	4.3
STD DS8	Standard	14	125	0.62	280	0.115	2	0.95	0.120	0.45	3.2	0.23	3.2	5.7	0.14	5	6.2	5.4
STD DS8	Standard	15	114	0.58	271	0.117	3	0.94	0.093	0.42	2.9	0.17	2.2	5.4	0.06	5	4.0	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: November 03, 2011

Page: 3 of 3 Part 1

QUALITY CONTROL REPORT

WHI11001467.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: November 03, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

WHI11001467.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: September 14, 2011
Report Date: December 02, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS

WHI11001545.1

CLIENT JOB INFORMATION

Project: KEYNOTE
Shipment ID: 20110914122651
P.O. Number
Number of Samples: 318

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

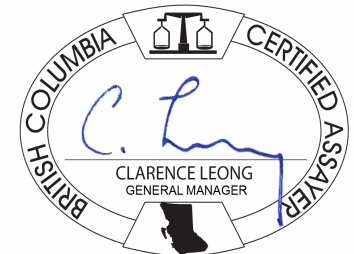
Invoice To: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5
Canada

CC: Lauren Wilson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Contains 3 rows of sample preparation data.

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 2 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method Analyte	Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
122658	Soil	1.4	7.5	15.9	26	<0.1	7.3	3.1	113	2.11	8.7	0.3	4.7	4.3	8	0.1	0.6	0.2	52	0.06	0.016
122659	Soil	1.1	14.8	16.4	40	<0.1	13.9	5.5	150	2.26	12.1	0.5	4.9	4.6	6	<0.1	0.9	0.2	35	0.07	0.029
122660	Soil	1.0	40.8	19.9	64	<0.1	24.9	11.1	353	2.92	9.6	0.9	2.1	8.4	10	0.1	2.2	0.3	37	0.11	0.049
122661	Soil	1.1	15.9	24.9	48	<0.1	15.7	6.2	182	2.54	12.4	0.6	3.0	3.7	9	0.1	1.5	0.2	41	0.08	0.035
122662	Soil	2.1	41.7	25.9	89	<0.1	32.1	16.4	593	3.84	9.4	1.3	2.0	11.0	9	0.2	1.6	0.3	34	0.09	0.058
122663	Soil	1.1	25.5	26.1	64	<0.1	22.0	8.9	308	2.74	11.0	0.8	1.7	5.3	8	0.1	1.0	0.2	38	0.08	0.042
122664	Soil	0.9	23.5	27.1	64	<0.1	21.1	9.3	317	2.73	11.5	0.7	1.0	5.8	9	<0.1	2.7	0.2	30	0.10	0.044
122665	Soil	1.3	14.8	21.5	51	<0.1	14.9	6.7	256	3.13	12.8	0.4	2.0	6.1	7	0.1	1.0	0.2	42	0.05	0.033
122666	Soil	0.6	43.8	55.8	90	<0.1	39.3	25.3	911	3.84	10.3	0.5	<0.5	19.7	4	<0.1	1.0	0.5	19	0.06	0.032
122667	Soil	0.9	18.5	28.2	50	<0.1	19.2	8.2	303	2.34	9.8	0.7	2.0	5.0	11	<0.1	0.6	0.1	38	0.14	0.048
122668	Soil	0.8	25.7	21.2	55	<0.1	21.1	8.4	402	2.17	9.3	0.9	5.4	7.3	13	<0.1	0.8	0.1	32	0.14	0.044
122669	Soil	0.8	23.6	21.9	56	<0.1	25.7	9.8	357	2.62	10.1	0.8	2.0	9.0	10	0.2	0.6	0.2	36	0.11	0.034
122670	Soil	1.9	21.5	19.7	61	<0.1	20.2	7.5	280	2.20	7.9	0.7	5.3	6.9	10	0.3	2.0	0.1	26	0.11	0.029
122671	Soil	1.2	17.7	15.6	52	<0.1	15.6	5.7	172	1.86	5.9	0.6	2.6	3.8	10	0.1	1.2	0.1	24	0.12	0.038
122672	Soil	3.3	26.1	13.7	78	0.2	22.2	7.4	291	2.10	11.3	1.4	3.5	4.7	21	0.3	2.4	0.1	35	0.14	0.048
122673	Soil	2.4	19.3	12.9	61	0.1	16.1	5.6	182	1.94	8.8	0.8	4.9	3.5	14	0.2	1.8	0.1	31	0.12	0.049
122674	Soil	1.9	18.6	15.5	58	0.1	16.6	5.6	184	1.92	9.9	0.6	2.5	1.7	12	0.1	1.4	0.2	29	0.14	0.049
122675	Soil	1.2	16.1	15.5	53	0.1	15.5	4.5	134	1.64	14.3	0.5	3.8	1.6	13	0.2	2.0	0.2	21	0.19	0.045
122676	Soil	1.2	19.7	18.0	50	0.1	15.7	5.0	169	1.91	12.0	0.6	1.3	1.7	8	0.1	2.3	0.2	20	0.10	0.042
122677	Soil	0.8	18.4	16.3	53	<0.1	15.5	6.1	234	1.94	8.1	0.6	3.0	6.6	8	<0.1	1.3	0.1	21	0.09	0.035
122678	Soil	0.8	21.1	18.0	53	<0.1	17.2	6.7	225	2.18	6.5	0.6	2.0	5.9	9	<0.1	0.8	0.1	20	0.09	0.038
122679	Soil	0.8	18.4	16.5	56	0.1	17.0	7.1	184	1.98	6.0	1.1	4.4	4.8	13	<0.1	0.7	0.1	21	0.16	0.046
122680	Soil	0.7	16.8	18.3	62	0.2	19.0	8.1	165	2.14	6.4	1.2	2.2	4.8	11	0.1	0.6	0.2	25	0.14	0.052
122681	Soil	0.9	22.9	15.2	63	0.1	20.4	10.2	436	2.17	6.3	1.8	23.7	6.8	20	0.2	1.2	0.2	27	0.26	0.052
122682	Soil	0.7	19.7	12.7	54	<0.1	19.6	8.1	266	1.98	5.6	1.9	2.2	6.4	18	0.1	0.7	0.2	25	0.22	0.041
122683	Soil	0.9	19.9	19.1	78	0.2	22.6	11.6	1901	2.51	7.9	2.9	3.9	6.3	32	0.5	2.3	0.2	29	0.36	0.062
122684	Soil	0.9	27.8	22.7	76	0.2	23.6	10.7	619	2.65	9.6	3.0	3.9	8.2	30	0.4	1.5	0.2	28	0.38	0.060
122685	Soil	0.7	16.0	18.4	61	<0.1	17.2	8.4	310	2.05	6.6	0.8	0.8	9.4	17	0.1	0.5	0.1	22	0.22	0.033
122686	Soil	0.8	33.6	19.5	69	0.1	24.8	10.8	434	2.37	9.0	1.8	4.0	9.3	21	0.1	0.6	0.2	25	0.31	0.059
122687	Soil	0.7	25.3	22.1	70	0.1	21.5	10.0	325	2.50	6.8	0.9	2.7	8.5	23	<0.1	0.5	0.2	27	0.38	0.046



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 2 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
122658	Soil	14	15	0.16	96	0.020	<1	1.03	0.004	0.03	0.2	0.03	1.3	0.1	<0.05	6	<0.5	<0.2
122659	Soil	22	16	0.30	68	0.018	<1	1.07	0.009	0.05	0.1	0.03	1.2	0.1	<0.05	5	<0.5	<0.2
122660	Soil	25	25	0.49	117	0.032	<1	1.49	0.006	0.06	0.2	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
122661	Soil	18	20	0.35	99	0.019	<1	1.19	0.005	0.05	0.2	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
122662	Soil	34	29	0.70	112	0.013	<1	1.89	0.005	0.06	0.1	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
122663	Soil	23	24	0.44	133	0.021	<1	1.55	0.006	0.06	0.2	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
122664	Soil	27	22	0.46	136	0.016	<1	1.48	0.007	0.06	0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
122665	Soil	15	21	0.34	65	0.037	<1	1.30	0.005	0.07	0.2	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
122666	Soil	42	27	0.73	61	0.005	<1	2.33	0.004	0.04	<0.1	0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
122667	Soil	19	23	0.41	151	0.028	<1	1.50	0.006	0.05	0.2	0.03	2.2	0.1	<0.05	4	<0.5	<0.2
122668	Soil	23	21	0.41	241	0.032	<1	1.17	0.006	0.07	0.2	0.03	3.2	<0.1	<0.05	3	<0.5	<0.2
122669	Soil	18	26	0.41	181	0.030	<1	1.73	0.006	0.06	0.2	0.05	3.0	0.1	<0.05	4	<0.5	<0.2
122670	Soil	23	18	0.34	198	0.015	<1	1.11	0.006	0.07	0.1	0.03	1.7	<0.1	<0.05	3	0.9	<0.2
122671	Soil	23	16	0.33	238	0.014	<1	1.06	0.005	0.06	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
122672	Soil	18	21	0.36	1284	0.028	<1	1.04	0.007	0.06	0.2	0.11	2.4	<0.1	<0.05	3	<0.5	<0.2
122673	Soil	19	19	0.33	371	0.021	<1	1.11	0.006	0.05	0.2	0.08	1.8	<0.1	<0.05	4	<0.5	<0.2
122674	Soil	17	20	0.34	314	0.015	<1	1.11	0.008	0.05	0.1	0.06	1.4	<0.1	<0.05	4	<0.5	<0.2
122675	Soil	17	16	0.29	153	0.012	<1	0.87	0.005	0.05	0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
122676	Soil	23	14	0.29	156	0.011	<1	0.96	0.004	0.06	<0.1	0.03	1.0	<0.1	<0.05	3	<0.5	<0.2
122677	Soil	29	16	0.36	174	0.017	<1	1.05	0.006	0.06	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
122678	Soil	29	16	0.36	167	0.014	<1	1.11	0.008	0.06	<0.1	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
122679	Soil	24	16	0.35	250	0.013	<1	1.07	0.006	0.04	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
122680	Soil	23	19	0.36	264	0.010	<1	1.35	0.007	0.04	0.1	0.04	2.0	<0.1	<0.05	4	0.8	<0.2
122681	Soil	24	21	0.41	337	0.014	<1	1.32	0.007	0.04	0.1	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
122682	Soil	23	19	0.37	354	0.014	<1	1.30	0.007	0.05	0.1	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
122683	Soil	24	22	0.40	480	0.009	<1	1.56	0.007	0.05	0.1	0.07	2.7	0.1	<0.05	4	0.6	<0.2
122684	Soil	26	22	0.42	311	0.011	<1	1.42	0.007	0.05	0.1	0.07	2.8	<0.1	<0.05	4	0.7	<0.2
122685	Soil	25	17	0.40	163	0.017	<1	1.08	0.005	0.04	0.1	0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
122686	Soil	23	22	0.48	227	0.014	<1	1.31	0.006	0.04	0.1	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
122687	Soil	26	22	0.51	211	0.013	<1	1.46	0.007	0.05	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 3 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
122688	Soil	0.9	20.3	19.9	62	<0.1	19.8	7.6	204	2.33	12.0	0.7	2.8	3.6	11	<0.1	2.1	0.2	32	0.13	0.050
122689	Soil	1.2	25.9	17.9	63	<0.1	23.5	8.3	251	2.60	10.4	0.7	2.3	6.9	12	0.2	1.1	0.1	34	0.14	0.061
122690	Soil	0.7	10.4	20.0	47	<0.1	11.2	4.6	152	2.21	5.5	0.4	35.2	7.1	4	<0.1	0.5	0.2	19	0.02	0.026
122691	Soil	1.5	16.7	22.7	51	0.1	16.8	6.9	326	2.75	14.0	0.5	1.7	3.1	11	0.2	1.6	0.2	44	0.10	0.038
122692	Soil	0.7	23.4	24.4	69	0.1	27.8	11.1	679	2.94	10.4	1.0	1.2	3.9	17	0.1	0.6	0.2	29	0.25	0.071
122693	Soil	0.5	27.6	28.5	66	<0.1	22.3	9.3	262	2.64	7.3	0.9	1.8	14.3	17	<0.1	0.5	0.2	11	0.27	0.043
122694	Soil	0.4	40.1	32.6	72	<0.1	26.0	12.2	403	2.98	9.3	1.4	2.4	12.6	18	<0.1	0.8	0.3	12	0.26	0.050
122695	Soil	0.6	33.6	25.8	72	<0.1	26.9	11.7	374	3.00	9.5	1.6	3.4	8.7	13	0.1	0.6	0.3	26	0.12	0.058
122696	Soil	0.7	29.7	27.8	62	0.1	25.0	10.6	351	2.37	9.4	1.4	1.2	5.8	17	0.1	0.8	0.3	26	0.20	0.059
122697	Soil	0.8	23.2	27.4	58	<0.1	20.2	8.6	342	2.19	11.6	1.3	2.1	4.8	12	<0.1	1.7	0.2	22	0.11	0.052
122698	Soil	0.9	26.6	22.4	63	<0.1	21.2	8.8	323	2.24	11.0	1.1	5.1	6.3	14	0.3	1.4	0.2	26	0.17	0.069
122699	Soil	0.9	21.3	29.0	89	<0.1	28.1	11.8	492	2.45	12.7	1.2	2.6	10.3	16	0.3	9.2	0.2	22	0.14	0.064
122700	Soil	0.7	22.1	20.5	60	<0.1	19.2	8.3	316	2.30	94.8	1.1	3.1	7.5	16	<0.1	8.5	0.2	15	0.20	0.046
122701	Soil	1.7	31.2	17.8	72	0.2	28.9	12.0	585	2.65	10.3	1.6	2.4	6.2	22	0.2	1.5	0.2	24	0.37	0.070
122702	Soil	1.0	19.7	15.2	62	<0.1	21.6	9.0	420	2.37	7.0	1.0	1.8	3.8	16	0.1	0.8	0.2	28	0.25	0.070
122703	Soil	5.6	24.4	28.9	66	0.4	22.6	8.2	330	2.78	13.8	2.4	3.4	3.2	29	0.3	2.4	0.3	28	0.21	0.082
122704	Soil	13.2	25.9	20.3	71	0.4	20.1	6.9	345	2.68	41.6	1.5	10.3	5.3	44	0.3	17.1	0.3	54	0.20	0.085
122705	Soil	8.3	24.6	18.4	62	0.4	23.5	8.0	267	2.29	32.1	1.5	14.2	3.7	28	0.2	8.9	0.2	41	0.19	0.071
122706	Soil	5.9	31.9	17.6	78	0.3	32.1	13.6	582	3.03	35.5	1.8	12.1	6.4	21	0.2	8.6	0.2	36	0.24	0.057
122707	Soil	1.8	23.3	15.6	70	<0.1	27.6	10.2	338	2.68	13.7	0.9	3.5	6.6	14	0.1	7.1	0.2	28	0.17	0.049
122708	Soil	1.4	28.3	19.2	62	0.2	24.9	9.8	486	2.59	31.4	1.3	7.8	5.1	40	0.2	5.2	0.3	29	0.82	0.074
122709	Soil	1.3	30.4	21.1	71	0.1	26.0	10.4	398	2.65	25.3	1.2	3.2	7.2	21	0.2	15.6	0.2	20	0.34	0.061
122710	Soil	1.0	30.7	21.3	71	0.2	27.2	11.7	470	2.69	128.2	1.2	13.7	6.8	28	0.2	23.7	0.2	24	0.52	0.060
122711	Soil	0.7	38.6	25.0	74	0.1	34.5	15.3	435	3.27	163.1	1.1	15.2	13.6	18	0.2	44.3	0.3	15	0.30	0.061
122712	Soil	0.8	32.0	21.7	69	0.1	28.9	14.4	1203	2.89	123.4	1.7	11.5	7.8	29	0.2	24.6	0.2	26	0.49	0.063
122713	Soil	0.7	25.0	22.0	65	<0.1	21.7	9.2	377	2.40	84.7	1.0	11.1	8.8	29	0.2	18.0	0.2	20	0.49	0.060
122714	Soil	0.9	24.1	18.4	74	0.1	21.9	11.1	377	2.47	78.3	1.2	7.7	5.9	26	0.3	18.7	0.2	32	0.42	0.060
122715	Soil	0.8	19.0	16.7	68	0.1	19.7	9.4	252	2.35	36.3	1.1	3.9	5.3	23	0.2	14.3	0.2	33	0.36	0.060
122716	Soil	1.2	20.1	16.4	72	0.1	21.1	13.7	863	2.80	40.4	1.3	3.4	4.9	26	0.3	12.5	0.2	34	0.42	0.071
122717	Soil	0.9	26.4	20.3	76	0.1	24.4	13.6	501	2.99	30.0	1.8	2.8	6.5	24	0.4	10.6	0.2	31	0.35	0.069

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
122688	Soil	21	21	0.41	141	0.019	<1	1.35	0.006	0.06	0.1	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
122689	Soil	21	23	0.45	109	0.027	1	1.37	0.006	0.06	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
122690	Soil	21	11	0.24	79	0.008	<1	0.87	0.003	0.05	<0.1	0.02	0.8	<0.1	<0.05	3	<0.5	<0.2
122691	Soil	14	21	0.33	76	0.028	1	1.05	0.009	0.04	0.2	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
122692	Soil	19	25	0.55	116	0.014	1	1.27	0.005	0.04	0.1	0.05	1.9	<0.1	<0.05	4	<0.5	<0.2
122693	Soil	28	15	0.49	71	0.004	<1	1.04	0.005	0.07	<0.1	0.02	1.2	<0.1	0.06	3	<0.5	<0.2
122694	Soil	32	16	0.53	100	0.004	1	1.17	0.003	0.05	<0.1	0.04	1.7	<0.1	<0.05	3	0.5	<0.2
122695	Soil	32	21	0.54	155	0.014	1	1.43	0.004	0.05	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
122696	Soil	28	18	0.39	192	0.014	<1	1.24	0.005	0.10	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
122697	Soil	25	16	0.33	149	0.009	1	1.18	0.005	0.11	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
122698	Soil	24	17	0.37	146	0.019	<1	1.10	0.004	0.07	0.2	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
122699	Soil	23	15	0.28	109	0.021	<1	0.90	0.006	0.05	0.1	0.04	1.7	<0.1	<0.05	3	<0.5	<0.2
122700	Soil	26	13	0.30	136	0.008	<1	0.94	0.004	0.09	<0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
122701	Soil	23	22	0.38	143	0.016	1	1.08	0.006	0.04	0.1	0.06	2.7	<0.1	<0.05	3	<0.5	<0.2
122702	Soil	16	21	0.38	150	0.018	<1	1.18	0.005	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
122703	Soil	14	18	0.26	162	0.011	<1	0.96	0.007	0.06	0.1	0.13	2.0	0.1	<0.05	3	1.1	<0.2
122704	Soil	15	19	0.25	216	0.015	<1	0.83	0.007	0.06	0.2	0.10	1.8	0.2	<0.05	3	1.8	<0.2
122705	Soil	13	21	0.31	219	0.015	1	1.13	0.006	0.05	0.2	0.14	2.4	0.2	<0.05	4	1.1	<0.2
122706	Soil	17	32	0.59	197	0.011	<1	1.56	0.005	0.04	0.1	0.10	3.5	0.1	<0.05	4	0.7	<0.2
122707	Soil	21	27	0.58	127	0.012	<1	1.41	0.005	0.05	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
122708	Soil	20	18	0.35	219	0.012	<1	1.22	0.007	0.05	0.1	0.07	3.0	<0.1	<0.05	3	0.5	<0.2
122709	Soil	22	14	0.28	139	0.011	<1	0.91	0.006	0.05	<0.1	0.05	2.6	<0.1	<0.05	2	<0.5	<0.2
122710	Soil	17	23	0.36	154	0.011	<1	1.00	0.006	0.05	0.1	0.07	3.3	<0.1	<0.05	3	<0.5	<0.2
122711	Soil	29	16	0.34	132	0.006	<1	1.14	0.006	0.05	<0.1	0.05	2.8	<0.1	<0.05	3	<0.5	<0.2
122712	Soil	20	24	0.40	210	0.009	<1	1.22	0.006	0.05	0.1	0.05	3.4	<0.1	<0.05	3	0.5	<0.2
122713	Soil	22	18	0.36	163	0.007	<1	1.07	0.006	0.05	0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
122714	Soil	16	22	0.36	240	0.010	<1	1.22	0.009	0.05	0.2	0.05	3.1	<0.1	<0.05	3	0.5	<0.2
122715	Soil	16	21	0.37	256	0.012	1	1.26	0.007	0.04	0.2	0.05	3.0	<0.1	<0.05	3	<0.5	<0.2
122716	Soil	16	21	0.37	301	0.010	<1	1.27	0.007	0.04	0.2	0.05	3.0	<0.1	<0.05	4	<0.5	<0.2
122717	Soil	19	20	0.37	286	0.011	<1	1.30	0.007	0.04	0.1	0.05	3.1	<0.1	<0.05	4	0.6	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 02, 2011

Page: 4 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
122718	Soil	0.8	17.3	17.9	69	0.1	19.3	11.1	759	2.72	20.2	1.2	5.5	5.4	26	0.2	8.0	0.2	27	0.38	0.073
122719	Soil	0.7	24.9	18.9	71	<0.1	23.0	10.6	562	2.67	23.0	1.3	2.2	6.6	31	0.3	13.8	0.2	22	0.47	0.070
122720	Soil	0.5	23.4	21.5	62	<0.1	18.5	7.3	138	2.25	17.4	0.5	2.1	8.2	17	0.2	14.1	0.2	24	0.25	0.063
122721	Soil	0.9	29.1	19.5	69	0.1	24.8	10.1	394	2.46	18.6	0.9	3.2	7.0	21	0.3	11.7	0.2	27	0.27	0.059
122722	Soil	0.8	20.8	16.7	64	0.1	19.3	9.7	331	2.40	16.3	1.0	2.3	5.4	20	<0.1	6.0	0.2	32	0.27	0.065
122723	Soil	0.8	23.5	17.0	64	0.1	20.5	9.5	238	2.50	28.2	1.1	3.5	5.4	18	<0.1	6.7	0.2	34	0.23	0.060
122724	Soil	0.7	29.0	21.2	68	0.1	23.1	10.8	412	2.53	36.6	1.1	5.8	8.0	22	0.1	5.2	0.3	23	0.33	0.059
122725	Soil	0.6	27.3	16.9	71	0.1	21.2	10.1	462	2.26	16.7	1.3	7.9	5.2	44	0.3	3.8	0.2	22	0.75	0.066
122726	Soil	0.9	26.2	17.1	72	0.1	21.8	11.3	402	2.72	21.8	1.5	3.5	5.3	35	0.3	4.1	0.2	28	0.54	0.063
122727	Soil	0.7	24.5	15.3	73	0.1	20.3	10.6	726	2.42	17.4	1.1	5.7	4.4	40	0.2	3.8	0.2	28	0.65	0.065
122728	Soil	3.8	54.8	26.2	176	1.0	39.1	10.3	357	3.12	16.7	3.8	4.3	5.3	26	1.7	3.6	0.3	39	0.11	0.121
122729	Soil	3.9	43.9	18.0	133	0.6	27.6	8.0	298	2.92	14.1	2.7	3.5	5.5	27	0.9	2.8	0.3	44	0.18	0.128
122730	Soil	3.2	31.5	19.0	113	0.6	27.3	7.0	219	3.05	15.9	1.9	6.5	3.0	22	0.6	2.1	0.4	51	0.13	0.090
122731	Soil	4.1	30.4	15.2	106	0.5	23.1	6.2	203	2.66	15.5	1.9	3.8	2.1	23	0.4	2.7	0.3	47	0.13	0.093
122732	Soil	2.9	26.2	22.4	75	0.4	21.7	8.6	307	2.94	20.9	1.5	3.8	3.3	11	0.2	2.3	0.4	37	0.08	0.069
122733	Soil	3.1	21.7	18.2	62	0.3	17.5	5.9	164	2.70	14.2	1.2	3.6	2.1	12	<0.1	1.7	0.3	37	0.10	0.056
122734	Soil	3.9	25.7	16.1	68	0.3	19.6	7.3	176	2.67	15.0	1.6	16.4	2.5	12	0.2	2.2	0.3	34	0.11	0.061
122735	Soil	4.9	22.0	16.2	62	0.4	16.1	4.9	154	2.59	14.3	1.4	9.4	2.2	13	0.1	2.2	0.3	37	0.10	0.054
122736	Soil	2.1	24.6	16.6	77	0.2	22.8	8.5	485	2.78	15.7	1.4	2.5	4.0	11	0.3	2.1	0.3	34	0.10	0.062
122737	Soil	2.0	20.7	20.6	78	0.1	22.0	11.5	634	2.90	17.6	1.0	1.7	3.6	12	0.2	1.5	0.3	42	0.10	0.057
122738	Soil	1.2	25.6	27.0	75	0.2	23.9	9.8	319	2.36	12.9	1.4	<0.5	2.7	14	0.1	1.2	0.2	27	0.12	0.062
122739	Soil	1.8	27.2	27.0	83	0.2	24.4	11.8	542	2.97	15.3	1.2	3.0	3.4	15	0.3	1.3	0.3	38	0.14	0.065
122740	Soil	1.1	17.2	22.5	60	0.1	18.7	8.9	290	2.48	10.1	0.9	0.9	3.6	16	0.1	1.3	0.2	29	0.19	0.055
122741	Soil	1.1	20.8	16.4	63	<0.1	19.6	7.7	299	2.42	11.1	0.9	1.5	3.3	17	0.2	1.1	0.2	37	0.21	0.060
122742	Soil	1.1	12.0	18.0	36	<0.1	12.8	4.0	122	1.68	7.6	0.7	3.1	2.3	7	0.2	0.6	0.2	39	0.07	0.031
122743	Soil	0.6	29.4	17.3	86	<0.1	29.1	12.9	466	3.04	11.1	1.2	<0.5	6.0	30	0.1	1.2	0.3	19	0.40	0.035
122744	Soil	0.6	32.7	24.5	69	0.1	28.6	13.5	491	2.80	11.4	1.8	1.9	6.7	21	0.2	1.2	0.4	21	0.27	0.049
122745	Soil	0.9	20.0	17.8	58	<0.1	21.2	7.8	244	2.45	9.8	1.0	3.0	4.7	18	0.1	1.1	0.3	30	0.19	0.041
122746	Soil	1.1	17.6	18.4	55	0.2	17.6	9.1	315	2.45	14.6	0.9	4.0	3.1	23	0.1	1.5	0.3	31	0.28	0.052
122747	Soil	1.2	24.0	20.7	65	0.1	21.3	10.4	363	2.79	31.2	1.4	3.8	5.3	17	0.1	2.5	0.4	26	0.18	0.051



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 4 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
122718	Soil	16	18	0.36	238	0.011	<1	1.14	0.007	0.04	0.1	0.05	2.6	<0.1	<0.05	3	<0.5	<0.2
122719	Soil	18	16	0.33	190	0.012	<1	0.98	0.006	0.04	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
122720	Soil	23	16	0.33	141	0.015	<1	1.02	0.006	0.04	0.1	0.03	2.8	<0.1	<0.05	3	<0.5	<0.2
122721	Soil	20	19	0.37	258	0.015	<1	1.19	0.007	0.04	0.2	0.04	2.9	<0.1	<0.05	3	<0.5	<0.2
122722	Soil	18	20	0.37	237	0.016	<1	1.29	0.006	0.04	0.2	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
122723	Soil	18	22	0.38	242	0.016	<1	1.34	0.006	0.04	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
122724	Soil	22	17	0.33	188	0.012	<1	1.11	0.006	0.04	0.1	0.04	2.8	<0.1	<0.05	3	<0.5	<0.2
122725	Soil	15	16	0.31	172	0.012	<1	0.96	0.006	0.03	0.1	0.04	2.5	<0.1	<0.05	3	<0.5	<0.2
122726	Soil	16	18	0.35	220	0.014	<1	1.10	0.007	0.04	0.1	0.05	2.8	<0.1	<0.05	3	0.6	<0.2
122727	Soil	14	18	0.35	248	0.014	<1	1.05	0.007	0.04	0.1	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
122728	Soil	26	19	0.32	100	0.013	<1	1.09	0.007	0.05	0.2	0.12	1.9	<0.1	<0.05	3	1.9	<0.2
122729	Soil	26	21	0.37	159	0.030	<1	0.98	0.006	0.05	0.1	0.10	2.2	<0.1	<0.05	3	1.5	<0.2
122730	Soil	20	29	0.48	179	0.031	2	1.45	0.008	0.07	0.2	0.10	2.5	0.1	0.07	5	0.9	<0.2
122731	Soil	27	23	0.40	136	0.028	2	1.13	0.006	0.05	0.1	0.10	1.5	<0.1	<0.05	4	1.4	<0.2
122732	Soil	31	22	0.46	88	0.019	2	1.41	0.005	0.04	0.2	0.09	1.5	<0.1	<0.05	4	1.0	<0.2
122733	Soil	28	22	0.43	79	0.020	1	1.33	0.005	0.04	0.2	0.08	1.1	<0.1	<0.05	4	0.6	<0.2
122734	Soil	31	20	0.43	95	0.016	2	1.27	0.005	0.04	0.1	0.09	1.3	<0.1	<0.05	4	1.1	<0.2
122735	Soil	28	20	0.40	84	0.014	1	1.22	0.005	0.04	0.2	0.10	1.1	0.1	<0.05	4	1.4	<0.2
122736	Soil	29	21	0.43	109	0.023	2	1.43	0.005	0.05	0.1	0.06	1.9	<0.1	<0.05	4	0.5	<0.2
122737	Soil	24	24	0.43	104	0.030	2	1.32	0.005	0.06	0.2	0.05	1.5	<0.1	<0.05	5	0.7	<0.2
122738	Soil	22	19	0.42	115	0.021	2	1.23	0.006	0.05	0.1	0.05	1.7	<0.1	<0.05	3	0.8	<0.2
122739	Soil	26	26	0.47	138	0.022	2	1.60	0.006	0.06	0.1	0.05	1.8	<0.1	<0.05	5	0.7	<0.2
122740	Soil	27	19	0.42	87	0.017	1	1.17	0.004	0.04	0.1	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
122741	Soil	23	22	0.42	91	0.030	2	1.30	0.006	0.05	0.2	0.04	1.5	<0.1	<0.05	4	0.7	<0.2
122742	Soil	21	16	0.23	78	0.021	1	0.92	0.005	0.04	0.1	0.03	1.2	0.1	<0.05	5	<0.5	<0.2
122743	Soil	17	20	0.50	109	0.013	2	1.27	0.006	0.04	<0.1	0.02	1.7	<0.1	<0.05	4	0.5	<0.2
122744	Soil	23	16	0.41	141	0.015	2	1.13	0.008	0.04	<0.1	0.05	2.3	<0.1	<0.05	3	0.6	<0.2
122745	Soil	20	19	0.42	145	0.018	2	1.24	0.013	0.04	0.1	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
122746	Soil	16	20	0.38	149	0.013	<1	1.25	0.006	0.05	0.1	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
122747	Soil	20	18	0.40	157	0.014	1	1.15	0.005	0.05	0.1	0.05	1.9	<0.1	<0.05	3	0.7	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 5 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	0.001
122748	Soil	1.0	35.8	39.2	64	0.5	28.0	11.5	411	3.24	29.9	2.6	4.9	2.0	43	0.1	4.2	0.5	28	0.46	0.081
122749	Soil	0.4	32.1	22.6	66	<0.1	28.8	13.8	381	2.83	39.5	1.0	3.4	10.2	12	<0.1	7.6	0.3	13	0.11	0.037
122750	Soil	0.7	26.6	24.5	70	0.1	26.9	12.4	368	2.71	34.3	0.9	5.7	6.5	16	0.2	9.8	0.3	25	0.16	0.041
122751	Soil	0.9	21.6	36.3	77	0.2	20.7	7.9	299	2.32	68.2	0.9	12.9	3.9	15	0.3	16.2	0.2	31	0.14	0.044
122752	Soil	1.0	26.2	20.3	64	<0.1	24.2	9.4	486	2.51	55.7	1.3	8.4	5.7	14	0.2	5.5	0.2	33	0.12	0.044
122753	Soil	1.0	25.4	31.1	66	0.1	24.9	11.2	463	2.62	94.0	1.3	27.5	4.9	26	0.2	8.6	0.3	32	0.30	0.049
122754	Soil	0.7	19.6	15.0	61	<0.1	19.4	8.0	314	2.31	12.9	0.9	1.4	4.1	18	0.1	1.5	0.3	26	0.23	0.046
122755	Soil	1.3	34.5	19.7	70	0.1	27.0	10.0	468	2.54	19.8	1.1	2.0	6.3	18	0.2	1.7	0.3	36	0.18	0.047
122756	Soil	1.0	24.1	19.6	74	0.1	23.5	9.4	352	2.31	14.0	1.0	3.0	3.9	18	0.2	2.1	0.3	30	0.18	0.056
122757	Soil	1.6	30.0	18.4	80	0.1	26.4	9.3	359	2.56	16.6	1.2	2.4	5.6	22	0.3	2.0	0.3	31	0.27	0.061
122758	Soil	1.0	21.9	15.2	56	0.1	16.1	5.2	171	2.18	22.6	1.0	2.7	2.8	12	0.2	1.8	0.2	31	0.11	0.048
122759	Soil	0.9	20.9	15.9	61	<0.1	19.1	6.5	237	2.10	40.7	0.8	10.8	5.0	12	0.2	2.5	0.2	27	0.11	0.042
122760	Soil	0.9	15.7	13.7	50	<0.1	14.1	5.4	190	2.01	8.8	0.8	1.9	1.9	12	0.2	0.7	0.2	34	0.14	0.054
122761	Soil	1.0	12.5	13.1	50	<0.1	13.0	5.1	193	1.88	7.3	0.7	<0.5	1.2	16	0.2	0.6	0.2	32	0.18	0.045
122762	Soil	1.1	22.1	15.2	61	<0.1	18.2	7.7	302	2.27	8.8	1.2	7.9	2.9	13	0.2	0.9	0.2	36	0.14	0.052
122763	Soil	1.1	20.7	14.7	63	<0.1	20.4	7.4	266	2.19	8.4	1.0	5.0	5.4	13	0.2	0.9	0.2	32	0.14	0.047
122764	Soil	1.3	31.1	28.0	78	0.1	26.2	9.7	277	2.73	11.0	1.5	1.8	4.0	13	0.2	1.4	0.3	34	0.12	0.043
122765	Soil	1.4	30.7	23.6	77	0.1	24.5	12.5	513	2.87	12.9	1.5	3.3	4.5	12	0.2	1.2	0.3	39	0.11	0.053
122766	Soil	21.3	292.6	29.0	189	1.3	43.3	6.1	127	3.32	79.6	5.7	18.2	7.4	132	1.2	10.9	0.3	28	0.06	0.114
122767	Soil	1.5	74.2	15.7	108	0.2	39.8	11.9	400	2.85	14.2	1.0	4.6	1.0	12	0.8	1.0	0.2	44	0.09	0.057
122768	Soil	5.4	713.6	33.9	3307	0.3	434.2	189.3	2716	16.83	11.2	12.8	2.2	6.5	3	7.6	1.0	0.3	<2	0.01	0.086
122769	Soil	7.1	55.0	19.1	131	0.5	36.0	9.7	243	3.05	17.3	1.8	5.0	0.5	16	0.7	2.2	0.3	46	0.06	0.114
125183	Soil	0.8	14.6	28.2	45	0.1	17.2	7.1	370	1.93	11.7	0.5	1.1	8.0	4	0.1	0.9	0.2	30	0.04	0.016
125184	Soil	5.4	47.4	40.8	63	1.1	14.3	4.2	155	2.18	19.9	2.9	11.8	3.0	42	0.3	2.7	0.4	27	0.09	0.111
125185	Soil	12.3	42.5	67.6	129	0.8	32.5	10.5	278	4.10	10.5	2.7	8.2	7.9	28	0.5	3.2	0.8	25	0.01	0.043
125186	Soil	1.1	23.0	26.2	56	<0.1	21.3	8.5	238	2.88	11.8	0.6	1.6	8.7	5	<0.1	1.3	0.3	29	0.04	0.024
125187	Soil	0.7	22.1	19.3	51	0.1	18.7	6.6	180	2.38	8.2	0.7	0.6	3.9	7	<0.1	1.0	0.2	24	0.07	0.048
125188	Soil	1.0	16.1	16.3	54	0.2	17.2	7.6	455	2.21	17.2	0.6	3.3	3.5	7	0.1	1.9	0.2	41	0.06	0.021
125189	Soil	1.2	12.2	20.6	42	<0.1	14.1	6.5	215	2.04	12.4	0.5	5.0	6.6	6	0.1	1.2	0.2	44	0.05	0.016
125190	Soil	1.2	15.4	21.1	49	<0.1	17.4	8.8	387	2.26	16.4	0.8	4.3	4.1	11	0.2	3.8	0.2	35	0.11	0.051

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 5 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
122748	Soil	17	17	0.28	283	0.011	2	1.55	0.011	0.08	0.1	0.07	2.6	0.2	<0.05	4	0.9	<0.2
122749	Soil	26	12	0.32	86	0.008	<1	0.87	0.004	0.05	<0.1	0.02	1.5	<0.1	<0.05	2	0.5	<0.2
122750	Soil	22	17	0.36	125	0.019	<1	1.14	0.006	0.06	0.1	0.03	1.7	<0.1	<0.05	3	0.5	<0.2
122751	Soil	20	19	0.38	140	0.025	1	1.15	0.007	0.05	0.1	0.07	1.7	<0.1	<0.05	3	<0.5	<0.2
122752	Soil	20	20	0.39	168	0.022	2	1.25	0.006	0.05	0.2	0.05	2.9	<0.1	<0.05	3	<0.5	<0.2
122753	Soil	20	21	0.40	180	0.021	<1	1.30	0.007	0.06	0.1	0.04	2.4	<0.1	<0.05	3	0.5	<0.2
122754	Soil	27	19	0.42	122	0.015	2	1.28	0.006	0.05	0.1	0.03	1.6	<0.1	<0.05	4	<0.5	<0.2
122755	Soil	22	23	0.46	160	0.030	2	1.44	0.007	0.05	0.1	0.04	2.3	<0.1	<0.05	4	0.7	<0.2
122756	Soil	24	21	0.43	134	0.025	<1	1.17	0.006	0.04	0.2	0.02	1.6	<0.1	<0.05	4	0.5	<0.2
122757	Soil	23	20	0.41	124	0.024	<1	1.09	0.007	0.04	0.1	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
122758	Soil	21	19	0.35	87	0.022	1	1.20	0.005	0.05	0.2	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
122759	Soil	22	17	0.38	100	0.024	1	1.07	0.005	0.05	0.1	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
122760	Soil	22	21	0.39	89	0.026	3	1.31	0.005	0.05	0.1	0.04	1.2	<0.1	<0.05	4	<0.5	<0.2
122761	Soil	20	19	0.38	99	0.023	1	1.07	0.006	0.04	0.1	0.03	0.9	<0.1	<0.05	4	<0.5	<0.2
122762	Soil	21	21	0.42	135	0.028	2	1.26	0.006	0.05	0.2	0.04	2.0	<0.1	<0.05	4	0.5	<0.2
122763	Soil	24	19	0.43	107	0.033	2	1.16	0.005	0.04	0.1	0.03	1.7	<0.1	<0.05	4	0.5	<0.2
122764	Soil	24	23	0.45	142	0.020	<1	1.54	0.006	0.06	0.1	0.05	2.1	<0.1	<0.05	4	<0.5	<0.2
122765	Soil	22	26	0.45	145	0.023	1	1.69	0.006	0.06	0.2	0.07	2.5	0.1	<0.05	5	0.6	<0.2
122766	Soil	8	7	0.02	1145	0.002	1	0.57	0.003	0.06	<0.1	0.17	2.1	0.1	0.22	<1	5.0	0.2
122767	Soil	11	23	0.39	94	0.026	2	1.28	0.007	0.03	0.2	0.05	1.8	0.1	0.07	4	0.9	<0.2
122768	Soil	5	2	0.03	26	0.005	<1	1.00	0.001	0.02	<0.1	0.06	4.1	0.1	0.12	<1	2.4	<0.2
122769	Soil	10	18	0.17	79	0.013	1	0.92	0.006	0.04	0.1	0.09	1.1	0.1	0.13	4	2.5	<0.2
125183	Soil	17	15	0.20	69	0.017	1	1.13	0.003	0.06	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
125184	Soil	11	17	0.27	139	0.008	<1	0.96	0.005	0.05	<0.1	0.19	2.2	<0.1	0.14	2	1.7	<0.2
125185	Soil	27	18	0.17	82	0.004	1	0.94	0.004	0.05	<0.1	0.16	1.6	<0.1	0.06	3	1.9	<0.2
125186	Soil	23	21	0.42	55	0.012	<1	1.38	0.003	0.05	0.1	0.03	1.5	<0.1	0.05	4	0.6	<0.2
125187	Soil	22	17	0.38	76	0.012	<1	1.22	0.004	0.04	0.1	0.04	1.4	<0.1	0.06	3	<0.5	<0.2
125188	Soil	16	20	0.27	84	0.027	1	1.29	0.004	0.05	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
125189	Soil	16	16	0.16	61	0.019	<1	1.22	0.003	0.04	0.2	0.04	1.6	0.1	<0.05	4	<0.5	<0.2
125190	Soil	19	19	0.28	145	0.021	<1	1.23	0.005	0.05	0.2	0.03	2.0	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 6 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
125191	Soil		0.9	13.8	18.1	47	0.1	15.5	5.2	205	2.15	63.5	0.7	5.0	2.7	9	0.1	9.1	0.2	36	0.09	0.033
125192	Soil		0.6	21.8	22.8	51	0.1	19.8	8.3	381	2.39	71.8	1.1	4.2	9.5	11	<0.1	22.6	0.2	22	0.17	0.040
125193	Soil		0.7	17.6	16.4	52	<0.1	18.8	7.3	304	2.37	18.8	0.6	1.7	4.7	12	<0.1	4.3	0.2	26	0.19	0.040
125194	Soil		0.6	19.6	18.2	55	0.1	20.1	7.3	211	2.48	15.8	0.6	1.1	6.2	9	<0.1	2.8	0.3	22	0.13	0.037
125195	Soil		0.8	12.1	16.0	43	<0.1	13.5	4.6	157	1.95	11.2	0.6	<0.5	1.1	8	<0.1	1.4	0.2	33	0.08	0.049
125196	Soil		0.8	21.9	25.9	55	<0.1	20.2	7.4	227	2.46	17.3	1.0	1.7	3.0	9	<0.1	5.7	0.3	28	0.10	0.053
125197	Soil		0.6	22.2	22.1	57	<0.1	20.5	7.8	251	2.42	20.8	0.9	1.4	5.2	9	<0.1	6.6	0.3	25	0.11	0.043
125198	Soil		0.8	22.8	20.2	50	0.1	17.0	5.6	163	2.13	12.2	1.1	1.0	1.1	10	<0.1	3.2	0.2	34	0.09	0.051
125199	Soil		1.0	17.2	16.2	50	0.2	18.3	5.5	190	2.03	11.3	0.6	2.3	2.6	9	<0.1	3.2	0.2	32	0.09	0.043
125200	Soil		0.8	22.9	16.6	57	<0.1	20.1	8.6	324	2.14	10.3	0.8	2.0	4.3	12	0.1	2.6	0.2	32	0.14	0.055
125201	Soil		0.7	23.3	18.5	56	<0.1	19.4	7.1	207	2.10	10.2	1.0	1.9	5.0	15	<0.1	3.0	0.2	30	0.21	0.060
125202	Soil		0.7	19.2	13.8	49	<0.1	16.9	7.4	317	1.89	7.7	1.0	2.3	4.2	17	0.1	1.6	0.2	25	0.26	0.061
125203	Soil		0.6	18.4	14.3	44	<0.1	16.1	6.2	280	1.71	6.1	0.8	1.2	1.7	15	0.1	1.1	0.2	27	0.20	0.048
125204	Soil		0.7	19.4	13.8	55	<0.1	18.6	6.7	241	1.94	7.4	0.7	1.2	3.0	11	0.1	1.2	0.2	28	0.15	0.045
125205	Soil		0.7	18.0	13.8	57	<0.1	17.1	7.1	319	1.90	9.4	0.6	1.9	2.9	12	0.2	1.5	0.2	25	0.16	0.045
125206	Soil		0.8	19.3	17.4	56	<0.1	17.6	7.6	164	1.81	9.6	0.6	2.7	2.6	11	0.2	1.7	0.2	29	0.14	0.045
125207	Soil		1.0	16.6	12.4	55	<0.1	15.3	5.8	216	1.74	9.1	0.6	0.9	1.8	11	0.2	1.7	0.2	24	0.14	0.043
125208	Soil		0.8	17.4	15.0	50	<0.1	15.3	5.8	168	1.83	8.3	0.7	3.0	1.3	15	<0.1	1.2	0.2	30	0.21	0.045
125209	Soil		0.9	16.1	15.2	46	<0.1	13.6	4.7	142	1.73	8.7	0.6	1.3	0.9	12	<0.1	1.5	0.2	27	0.16	0.042
125210	Soil		0.8	18.8	14.0	52	<0.1	17.3	7.8	349	2.00	8.3	0.6	1.1	3.3	10	0.1	1.4	0.2	26	0.12	0.050
125211	Soil		0.8	19.0	12.8	51	0.1	16.3	6.8	302	1.84	7.5	0.6	2.1	3.2	10	0.1	1.5	0.2	23	0.13	0.043
125212	Soil		1.0	18.2	15.1	55	0.1	16.0	6.5	208	1.83	7.6	0.7	0.6	2.1	12	0.2	1.6	0.2	27	0.16	0.050
125213	Soil		0.8	13.2	11.7	49	<0.1	14.9	6.4	179	1.63	4.8	0.5	<0.5	2.8	12	<0.1	1.3	0.2	24	0.16	0.043
125214	Soil		0.9	17.4	13.3	49	<0.1	16.6	7.0	201	1.71	6.2	0.8	0.9	4.1	12	0.1	1.4	0.2	26	0.15	0.038
125215	Soil		1.1	14.4	15.3	51	0.2	16.9	5.1	137	1.82	8.6	0.6	2.2	1.8	17	<0.1	1.6	0.2	29	0.25	0.046
125216	Soil		1.0	19.6	13.6	60	0.1	19.3	7.9	268	2.22	10.2	0.8	2.2	4.0	14	0.2	1.5	0.2	33	0.17	0.042
125217	Soil		0.9	19.2	13.6	44	0.2	15.0	5.3	171	1.69	9.0	0.7	1.6	0.5	13	0.1	1.2	0.2	26	0.15	0.050
125218	Soil		1.1	17.2	16.8	52	0.2	18.1	8.5	332	2.00	10.4	0.6	3.1	1.4	13	0.1	1.8	0.2	28	0.17	0.053
125219	Soil		0.8	13.6	17.2	51	<0.1	16.3	6.7	277	2.54	12.2	0.5	1.4	4.1	16	<0.1	1.3	0.2	38	0.20	0.031
125220	Soil		0.7	15.4	15.2	39	<0.1	15.4	5.5	169	1.84	11.1	0.4	1.5	4.5	5	0.1	2.0	0.2	19	0.07	0.034

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 02, 2011

Page: 6 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
125191	Soil	18	18	0.26	91	0.025	<1	0.89	0.004	0.04	0.2	0.04	1.5	<0.1	0.05	3	<0.5	<0.2
125192	Soil	30	15	0.23	157	0.006	<1	1.00	0.004	0.05	0.1	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
125193	Soil	23	17	0.33	109	0.014	<1	1.02	0.004	0.05	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
125194	Soil	30	16	0.38	71	0.009	<1	1.14	0.003	0.04	0.1	0.01	1.3	<0.1	<0.05	4	<0.5	<0.2
125195	Soil	17	19	0.27	90	0.012	<1	1.05	0.004	0.04	0.1	0.03	1.0	<0.1	0.05	4	<0.5	<0.2
125196	Soil	23	20	0.35	111	0.012	<1	1.28	0.004	0.05	0.1	0.03	1.4	<0.1	<0.05	4	0.5	<0.2
125197	Soil	25	17	0.36	100	0.012	<1	1.11	0.004	0.04	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
125198	Soil	19	19	0.32	248	0.012	<1	1.22	0.005	0.04	0.1	0.05	1.4	<0.1	<0.05	4	<0.5	<0.2
125199	Soil	18	19	0.30	89	0.021	1	0.90	0.005	0.04	0.2	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
125200	Soil	19	20	0.36	137	0.026	1	1.19	0.006	0.04	0.2	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
125201	Soil	22	19	0.36	174	0.020	<1	1.14	0.006	0.04	0.2	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
125202	Soil	20	17	0.32	158	0.019	4	0.99	0.005	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
125203	Soil	20	18	0.31	117	0.016	1	1.09	0.005	0.04	0.1	0.02	1.2	<0.1	<0.05	4	<0.5	<0.2
125204	Soil	20	18	0.35	129	0.020	<1	1.09	0.005	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
125205	Soil	18	16	0.32	150	0.016	1	0.97	0.004	0.04	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
125206	Soil	20	19	0.32	123	0.016	1	1.02	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
125207	Soil	18	17	0.30	176	0.017	<1	0.88	0.004	0.04	0.1	0.04	1.4	<0.1	<0.05	3	<0.5	<0.2
125208	Soil	15	20	0.29	201	0.015	1	1.08	0.004	0.04	0.1	0.03	1.3	<0.1	<0.05	4	<0.5	<0.2
125209	Soil	16	17	0.28	157	0.014	<1	1.01	0.004	0.04	0.1	0.03	0.9	<0.1	<0.05	3	<0.5	<0.2
125210	Soil	17	18	0.35	118	0.021	<1	1.02	0.004	0.04	0.1	0.02	1.3	<0.1	<0.05	3	<0.5	<0.2
125211	Soil	18	17	0.32	125	0.019	<1	0.98	0.004	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
125212	Soil	16	20	0.33	136	0.015	1	1.11	0.004	0.04	0.1	0.03	1.2	<0.1	<0.05	3	<0.5	<0.2
125213	Soil	17	18	0.32	117	0.017	<1	1.01	0.004	0.04	0.1	0.02	1.2	<0.1	<0.05	3	<0.5	<0.2
125214	Soil	18	19	0.32	209	0.022	<1	0.97	0.005	0.04	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
125215	Soil	17	23	0.36	160	0.016	1	1.20	0.005	0.06	0.1	0.05	1.3	0.1	<0.05	4	<0.5	<0.2
125216	Soil	19	23	0.41	158	0.025	<1	1.27	0.005	0.06	0.1	0.03	1.9	<0.1	<0.05	4	<0.5	<0.2
125217	Soil	15	19	0.31	141	0.012	1	1.02	0.005	0.05	0.1	0.04	0.9	<0.1	<0.05	4	<0.5	<0.2
125218	Soil	17	20	0.35	147	0.015	<1	1.10	0.005	0.05	0.1	0.04	1.2	<0.1	<0.05	3	<0.5	<0.2
125219	Soil	14	23	0.38	107	0.033	1	1.19	0.005	0.05	0.1	0.02	1.7	<0.1	<0.05	4	0.5	<0.2
125220	Soil	14	14	0.23	53	0.020	<1	0.87	0.003	0.03	0.1	0.01	1.1	<0.1	<0.05	2	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 7 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
125221	Soil		0.9	19.5	16.0	55	<0.1	19.8	7.8	222	2.21	11.5	0.9	2.8	4.7	10	0.1	1.5	0.2	35	0.10	0.028
125222	Soil		0.9	41.0	31.2	77	<0.1	36.1	15.3	701	3.28	29.6	0.8	2.5	9.6	6	0.2	6.2	0.3	16	0.08	0.044
125223	Soil		0.9	36.5	22.5	91	0.2	32.5	13.6	446	2.83	29.0	0.6	3.7	9.2	16	0.4	4.8	0.3	20	0.27	0.054
125224	Soil		0.7	27.5	20.8	69	0.2	27.0	11.0	452	2.55	20.8	1.0	6.5	5.8	20	0.2	3.8	0.2	21	0.38	0.050
125225	Soil		0.7	28.5	17.5	67	<0.1	26.6	10.0	399	2.41	17.2	1.0	3.2	7.3	14	0.2	3.7	0.2	20	0.24	0.044
125226	Soil		0.6	19.5	17.2	54	0.1	21.2	7.8	431	1.98	11.2	1.4	1.9	5.1	20	<0.1	2.2	0.2	23	0.32	0.049
125227	Soil		0.7	24.3	15.4	63	<0.1	22.6	8.2	308	2.06	10.8	1.1	2.0	6.3	17	0.2	2.0	0.2	24	0.27	0.048
125228	Soil		0.7	21.3	11.2	57	<0.1	19.0	6.7	181	1.87	9.2	0.6	3.0	6.0	14	0.2	1.5	0.2	24	0.21	0.046
125229	Soil		0.8	20.4	15.5	54	0.1	19.0	8.3	188	2.21	11.7	1.1	1.3	5.9	14	<0.1	1.7	0.3	28	0.19	0.039
125230	Soil		0.9	23.3	16.4	61	0.1	19.0	9.9	281	2.44	13.3	1.4	10.1	5.9	14	0.1	1.4	0.2	28	0.19	0.045
125231	Soil		0.7	15.8	13.8	57	0.1	16.6	7.9	309	2.14	10.8	0.8	2.1	3.7	19	0.1	1.1	0.2	25	0.24	0.045
125232	Soil		0.6	20.8	13.7	55	0.1	18.3	8.3	225	2.03	9.0	1.0	3.5	4.5	16	<0.1	1.0	0.2	26	0.21	0.037
125233	Soil		0.7	29.9	23.6	75	0.1	27.3	12.8	460	2.88	15.6	1.0	3.3	10.2	42	0.2	1.6	0.3	15	0.67	0.054
125234	Soil		0.6	31.7	22.4	74	0.1	29.0	14.1	344	3.02	16.7	0.7	3.3	11.1	27	0.1	1.6	0.3	18	0.46	0.044
125235	Soil		0.5	26.3	19.8	63	0.1	21.5	11.0	406	2.92	18.0	1.1	3.1	7.4	26	0.2	1.6	0.2	16	0.45	0.043
125236	Soil		0.6	26.9	20.6	66	0.1	23.7	11.4	581	2.64	16.3	0.8	10.0	7.0	22	0.1	1.6	0.3	17	0.38	0.044
125237	Soil		0.6	30.4	22.0	70	0.1	23.9	11.3	318	2.74	15.4	0.9	4.9	7.9	19	0.2	1.9	0.3	18	0.33	0.044
125238	Soil		11.9	26.6	22.7	136	1.0	15.1	2.5	86	2.21	12.5	2.0	3.9	3.3	30	0.2	4.5	0.4	46	0.04	0.069
125239	Soil		8.8	67.2	17.2	125	1.0	21.8	4.4	233	2.73	13.8	2.9	3.9	3.4	32	0.2	5.4	0.3	36	0.08	0.079
125240	Soil		6.4	32.5	17.0	108	0.8	19.8	3.9	126	2.40	12.9	2.4	4.4	0.3	21	0.2	3.3	0.2	44	0.05	0.094
125241	Soil		7.9	41.0	15.2	160	0.8	30.8	7.6	342	2.91	18.5	2.5	4.0	4.3	32	1.0	7.5	0.2	47	0.10	0.080
125242	Soil		9.3	33.8	15.4	100	0.6	19.2	4.2	98	2.70	24.2	2.4	4.7	2.3	28	0.2	8.3	0.2	52	0.10	0.067
125243	Soil		10.9	60.5	21.4	164	0.7	27.7	4.7	115	3.15	25.1	3.0	3.8	3.8	47	0.4	7.2	0.3	51	0.07	0.078
125244	Soil		4.3	101.5	26.6	267	0.5	46.5	11.9	356	3.40	22.1	3.3	5.2	3.7	25	1.0	5.1	0.3	31	0.05	0.066
125245	Soil		2.8	143.3	20.2	296	0.2	53.9	14.0	301	3.49	13.3	5.4	<0.5	14.4	16	1.2	5.6	0.2	22	0.05	0.066
125246	Soil		3.4	22.7	14.8	58	0.2	14.5	4.7	184	2.44	20.2	2.0	6.7	0.6	14	0.4	1.7	0.2	53	0.09	0.085
125247	Soil		2.7	72.2	17.9	193	0.3	44.5	11.1	283	2.94	18.7	4.3	2.8	3.0	17	0.9	2.6	0.2	39	0.11	0.089
125248	Soil		1.7	43.6	17.1	130	0.2	31.1	8.7	264	2.68	10.3	2.0	2.3	2.7	11	0.9	1.3	0.2	34	0.09	0.061
125249	Soil		1.9	33.6	14.9	85	0.2	22.0	6.7	188	2.36	10.8	1.5	1.6	1.1	11	0.6	1.1	0.2	39	0.09	0.071
125250	Soil		1.6	38.2	21.3	119	0.2	32.5	10.3	217	3.12	11.4	1.7	1.7	4.5	14	0.6	1.7	0.2	27	0.09	0.057

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 7 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
125221	Soil	16	25	0.41	155	0.026	<1	1.34	0.006	0.05	0.2	0.04	2.0	<0.1	<0.05	4	<0.5	<0.2
125222	Soil	24	30	0.60	67	0.011	<1	1.24	0.004	0.05	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
125223	Soil	25	26	0.53	103	0.017	<1	1.13	0.010	0.06	<0.1	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
125224	Soil	21	24	0.47	179	0.011	<1	1.17	0.007	0.05	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
125225	Soil	24	25	0.50	160	0.012	1	1.18	0.005	0.05	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
125226	Soil	18	22	0.39	184	0.012	<1	1.08	0.005	0.05	<0.1	0.03	1.9	<0.1	<0.05	3	0.6	<0.2
125227	Soil	20	22	0.39	203	0.015	<1	1.08	0.005	0.06	<0.1	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
125228	Soil	20	19	0.36	175	0.026	<1	0.94	0.009	0.04	0.1	0.02	1.8	<0.1	<0.05	3	<0.5	<0.2
125229	Soil	19	20	0.37	207	0.016	<1	1.13	0.006	0.05	0.2	0.03	2.2	<0.1	<0.05	3	0.6	<0.2
125230	Soil	20	21	0.39	202	0.016	<1	1.21	0.006	0.05	0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
125231	Soil	16	18	0.38	157	0.012	<1	1.11	0.005	0.04	0.1	0.03	1.5	<0.1	<0.05	3	<0.5	<0.2
125232	Soil	17	18	0.38	191	0.013	<1	1.13	0.005	0.04	0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
125233	Soil	29	12	0.26	121	0.009	1	0.75	0.004	0.05	<0.1	0.04	2.3	<0.1	<0.05	2	<0.5	<0.2
125234	Soil	29	14	0.34	116	0.012	<1	0.94	0.005	0.07	<0.1	0.03	2.3	<0.1	<0.05	3	<0.5	<0.2
125235	Soil	21	14	0.33	121	0.007	<1	0.89	0.005	0.05	<0.1	0.03	1.8	<0.1	<0.05	2	<0.5	<0.2
125236	Soil	20	14	0.35	129	0.011	<1	0.92	0.005	0.05	<0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
125237	Soil	22	16	0.37	137	0.010	<1	0.96	0.005	0.05	<0.1	0.03	2.1	<0.1	<0.05	3	0.5	<0.2
125238	Soil	35	12	0.12	130	0.003	<1	0.50	0.007	0.06	<0.1	0.23	1.0	0.2	0.09	2	3.3	<0.2
125239	Soil	27	17	0.27	305	0.015	<1	0.86	0.005	0.05	0.1	0.18	1.7	<0.1	<0.05	3	2.1	<0.2
125240	Soil	19	20	0.15	484	0.007	1	0.91	0.006	0.05	0.1	0.19	0.6	0.1	0.07	3	2.3	<0.2
125241	Soil	24	18	0.26	219	0.021	<1	0.98	0.006	0.07	0.1	0.26	2.5	0.1	<0.05	3	1.9	<0.2
125242	Soil	22	20	0.28	169	0.018	1	1.18	0.006	0.05	0.2	0.29	1.7	0.2	<0.05	3	1.9	<0.2
125243	Soil	20	23	0.30	214	0.010	<1	1.14	0.007	0.06	0.2	0.36	2.1	0.2	<0.05	3	2.2	<0.2
125244	Soil	23	13	0.16	137	0.004	<1	1.05	0.005	0.06	<0.1	0.21	2.3	0.1	<0.05	2	1.5	<0.2
125245	Soil	38	8	0.07	106	0.002	<1	0.60	0.005	0.06	<0.1	0.05	2.2	<0.1	<0.05	1	1.3	<0.2
125246	Soil	15	23	0.24	98	0.015	1	1.27	0.005	0.05	0.2	0.13	1.0	0.1	<0.05	5	1.2	<0.2
125247	Soil	19	17	0.24	100	0.010	<1	1.13	0.005	0.05	0.1	0.10	2.0	<0.1	<0.05	3	0.9	<0.2
125248	Soil	21	17	0.26	108	0.015	<1	1.10	0.005	0.05	0.1	0.07	1.6	<0.1	<0.05	3	0.7	<0.2
125249	Soil	16	18	0.27	116	0.009	<1	1.23	0.005	0.05	0.1	0.06	1.1	0.1	<0.05	4	<0.5	<0.2
125250	Soil	24	15	0.25	100	0.011	<1	0.98	0.005	0.04	0.1	0.05	1.6	<0.1	<0.05	3	0.8	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 8 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
125251	Soil		1.2	15.6	13.6	56	0.1	14.8	4.0	103	1.69	8.0	0.9	0.9	8	0.4	1.3	0.2	26	0.06	0.049	
125252	Soil		1.4	29.2	18.5	94	0.2	24.2	8.5	288	2.77	13.9	1.8	7.2	1.8	10	0.8	1.6	0.3	37	0.08	0.063
125253	Soil		2.2	47.2	24.6	184	0.5	40.8	9.1	256	3.98	21.6	2.5	6.3	3.7	15	0.9	5.1	0.3	28	0.05	0.083
125254	Soil		2.6	39.3	19.4	142	0.5	32.8	8.3	266	3.15	15.7	2.4	4.7	6.0	18	1.1	4.4	0.3	27	0.13	0.088
125255	Soil		1.7	34.9	19.3	116	0.4	29.4	8.3	244	3.10	15.0	2.1	9.0	3.4	13	0.8	2.3	0.3	34	0.10	0.071
125256	Soil		0.5	39.0	30.9	106	0.1	44.3	16.5	661	3.58	9.8	1.6	1.7	22.2	9	0.5	2.0	0.5	6	0.06	0.030
125257	Soil		2.0	20.5	18.8	79	0.2	15.5	6.5	170	2.94	10.7	1.0	3.5	6.4	8	0.2	2.3	0.3	22	0.05	0.033
125258	Soil		1.4	76.3	17.4	93	0.1	28.7	12.4	315	2.87	15.9	2.4	5.4	9.1	7	0.7	2.6	0.2	22	0.04	0.037
125259	Soil		3.4	52.2	13.0	61	0.3	25.5	9.6	252	2.83	20.6	3.5	4.8	3.2	13	0.2	2.8	0.3	58	0.07	0.083
125260	Soil		1.1	51.1	17.7	139	0.5	49.9	14.9	703	2.76	12.2	1.9	4.9	3.0	7	1.3	2.5	0.2	27	0.05	0.043
125261	Soil		1.1	28.0	16.1	79	0.2	25.3	8.7	290	2.76	11.5	0.9	4.1	3.2	10	0.5	1.0	0.2	38	0.08	0.039
125262	Soil		1.8	33.8	23.4	203	0.3	40.1	12.7	763	3.13	9.2	1.7	4.8	5.1	18	2.0	1.9	0.2	24	0.09	0.065
125263	Soil		1.4	47.3	31.1	187	0.2	50.6	22.0	933	4.15	15.0	1.7	1.6	13.5	20	0.8	3.3	0.4	6	0.09	0.053
125264	Soil		1.8	26.0	25.2	399	0.2	42.6	16.0	674	3.22	9.0	1.1	2.1	4.5	9	1.7	2.7	0.3	11	0.03	0.065
125265	Soil		2.6	71.1	26.2	136	0.7	17.5	2.9	67	2.17	17.2	2.8	3.9	2.7	25	0.6	2.7	0.3	18	0.03	0.086
125266	Soil		0.4	22.0	27.4	210	0.1	41.2	12.0	524	2.60	8.1	1.2	1.2	12.9	10	2.6	2.1	0.2	15	0.13	0.030
125267	Soil		0.8	12.2	21.5	65	<0.1	23.1	8.7	305	2.59	9.8	0.6	0.8	6.5	5	0.2	0.7	0.2	30	0.04	0.020
125268	Soil		0.4	21.5	22.0	74	<0.1	35.3	10.0	467	3.14	5.5	0.9	2.1	8.8	11	0.1	0.5	0.3	19	0.20	0.053
125269	Soil		0.7	13.1	19.6	46	<0.1	18.6	6.9	206	2.28	8.0	0.6	5.1	3.3	15	0.1	0.5	0.2	31	0.22	0.044
125270	Soil		0.6	15.2	13.8	58	<0.1	21.9	7.2	248	2.33	7.5	0.7	24.0	3.3	18	0.1	0.4	0.2	30	0.34	0.046
125271	Soil		0.4	30.4	23.6	175	<0.1	43.7	13.1	188	2.86	6.9	1.0	3.1	11.7	7	0.7	0.8	0.2	20	0.10	0.037
125272	Soil		0.3	26.0	21.7	187	<0.1	46.4	11.1	193	2.82	4.1	0.9	2.0	12.1	9	0.8	0.7	0.3	13	0.19	0.040
125273	Soil		1.1	34.9	21.7	73	<0.1	20.1	5.7	168	2.90	9.5	1.6	4.8	5.0	9	0.6	1.0	0.2	38	0.07	0.042
125274	Soil		9.3	38.2	24.6	55	0.5	21.5	6.2	171	2.31	24.4	4.2	5.0	2.1	17	0.3	4.7	0.3	47	0.08	0.079
125275	Soil		17.7	33.4	24.4	44	0.6	14.5	3.6	67	2.35	62.8	7.3	3.9	2.7	16	0.3	6.4	0.4	56	0.07	0.137
125276	Soil		1.2	34.1	12.0	109	0.1	36.9	11.8	420	2.71	12.1	2.2	4.0	4.1	10	1.1	1.1	0.2	40	0.08	0.052
125277	Soil		7.5	29.4	20.0	57	0.8	22.1	5.3	172	2.09	22.0	5.2	2.8	5.5	18	0.4	3.5	0.3	41	0.13	0.077
125278	Soil		4.9	25.4	15.6	86	0.4	23.0	10.9	531	2.62	18.7	1.7	3.8	2.9	13	0.3	2.0	0.2	49	0.12	0.068
125279	Soil		1.1	25.6	19.9	147	<0.1	35.3	13.4	363	3.06	12.5	1.2	1.9	4.9	7	0.7	1.7	0.3	31	0.05	0.036
125280	Soil		1.4	33.9	17.2	136	0.2	35.3	12.6	256	2.70	13.0	1.4	4.0	5.8	11	0.7	1.6	0.2	36	0.12	0.066



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 8 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
125251	Soil	12	13	0.23	109	0.010	2	0.88	0.004	0.03	0.1	0.07	0.7	<0.1	<0.05	3	<0.5	<0.2
125252	Soil	15	20	0.35	124	0.014	1	1.37	0.005	0.04	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
125253	Soil	16	15	0.29	129	0.005	<1	1.12	0.004	0.04	<0.1	0.15	1.9	<0.1	<0.05	3	0.7	<0.2
125254	Soil	18	15	0.34	94	0.016	<1	0.94	0.005	0.05	0.1	0.13	2.0	<0.1	<0.05	3	1.3	<0.2
125255	Soil	17	21	0.42	147	0.017	<1	1.42	0.007	0.05	0.1	0.11	2.1	<0.1	<0.05	4	<0.5	<0.2
125256	Soil	39	8	0.33	101	0.008	<1	0.83	0.005	0.07	<0.1	0.06	1.7	<0.1	<0.05	2	<0.5	<0.2
125257	Soil	27	12	0.24	89	0.006	<1	0.83	0.004	0.05	<0.1	0.10	1.1	<0.1	<0.05	2	1.1	<0.2
125258	Soil	17	17	0.42	71	0.012	<1	1.50	0.004	0.04	<0.1	0.06	1.7	<0.1	<0.05	3	1.1	<0.2
125259	Soil	14	24	0.38	117	0.022	2	1.85	0.007	0.07	0.1	0.10	2.0	0.1	0.08	3	1.3	<0.2
125260	Soil	17	16	0.32	94	0.019	1	1.17	0.005	0.04	0.1	0.06	1.6	<0.1	<0.05	3	<0.5	<0.2
125261	Soil	12	20	0.34	89	0.031	1	1.41	0.005	0.05	0.2	0.05	1.6	<0.1	<0.05	4	<0.5	<0.2
125262	Soil	16	15	0.30	84	0.015	<1	1.03	0.004	0.04	<0.1	0.05	1.3	<0.1	<0.05	3	0.6	<0.2
125263	Soil	28	5	0.09	69	<0.001	<1	0.47	0.005	0.05	<0.1	0.07	2.1	<0.1	<0.05	<1	0.6	<0.2
125264	Soil	21	7	0.06	52	0.002	<1	0.54	0.004	0.04	<0.1	0.05	1.2	<0.1	0.05	1	3.1	<0.2
125265	Soil	12	7	0.06	85	0.002	<1	0.60	0.004	0.04	<0.1	0.12	1.2	<0.1	0.11	1	2.1	<0.2
125266	Soil	28	12	0.37	112	0.005	<1	1.00	0.005	0.05	<0.1	0.04	1.6	<0.1	<0.05	3	<0.5	<0.2
125267	Soil	17	16	0.31	64	0.010	<1	1.33	0.003	0.04	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
125268	Soil	31	14	0.36	98	0.009	<1	1.04	0.004	0.05	<0.1	0.04	1.8	<0.1	<0.05	3	<0.5	<0.2
125269	Soil	18	18	0.32	106	0.017	<1	1.21	0.006	0.04	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
125270	Soil	15	18	0.35	136	0.012	<1	1.21	0.006	0.04	0.1	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
125271	Soil	35	17	0.49	118	0.006	<1	1.39	0.003	0.05	<0.1	0.04	2.0	<0.1	<0.05	4	0.5	<0.2
125272	Soil	38	13	0.45	117	0.004	<1	1.14	0.005	0.05	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
125273	Soil	19	22	0.38	88	0.014	<1	1.55	0.005	0.03	0.2	0.05	1.4	0.1	<0.05	4	0.5	<0.2
125274	Soil	23	20	0.28	375	0.014	<1	1.20	0.005	0.08	0.2	0.29	2.0	0.2	0.08	4	2.8	<0.2
125275	Soil	24	17	0.23	407	0.010	1	1.00	0.004	0.05	0.2	0.35	1.8	0.3	<0.05	3	3.0	<0.2
125276	Soil	19	20	0.36	227	0.024	<1	1.27	0.006	0.05	0.2	0.05	2.4	0.1	<0.05	3	<0.5	<0.2
125277	Soil	25	17	0.28	272	0.022	<1	0.89	0.006	0.05	0.2	0.12	2.4	0.1	<0.05	3	1.2	<0.2
125278	Soil	19	24	0.38	208	0.027	<1	1.37	0.006	0.05	0.2	0.09	2.1	0.1	<0.05	4	0.7	<0.2
125279	Soil	21	18	0.34	115	0.015	<1	1.20	0.004	0.04	0.2	0.05	1.7	<0.1	<0.05	3	<0.5	<0.2
125280	Soil	19	21	0.40	128	0.026	<1	1.43	0.006	0.06	0.2	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 9 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
125281	Soil		2.3	23.4	17.7	119	0.2	26.9	8.9	175	2.69	14.6	1.5	2.2	2.3	12	0.4	1.6	0.3	39	0.11	0.066
125282	Soil		2.0	24.8	14.0	75	<0.1	19.9	6.6	174	2.34	10.0	1.4	1.9	1.0	11	0.2	1.1	0.2	37	0.10	0.059
125283	Soil		1.1	23.7	12.3	72	0.2	21.3	7.3	182	2.15	13.2	1.0	2.8	3.2	11	0.2	1.7	0.2	34	0.12	0.054
125284	Soil		1.2	23.3	17.4	80	<0.1	24.8	9.0	234	2.67	44.4	1.0	7.4	4.0	9	0.1	3.1	0.2	28	0.09	0.047
125285	Soil		1.0	27.0	14.1	91	0.2	29.7	10.5	348	2.62	10.0	1.2	<0.5	4.3	13	0.2	1.7	0.2	32	0.15	0.052
125286	Soil		0.8	23.8	18.1	82	0.1	26.5	9.3	288	2.54	14.0	0.9	1.8	3.9	6	0.3	2.3	0.2	28	0.07	0.040
125287	Soil		1.0	25.8	15.1	83	<0.1	32.6	9.6	248	2.70	12.6	1.0	1.5	3.5	10	0.2	1.8	0.2	39	0.12	0.054
125288	Soil		0.9	28.1	15.3	83	<0.1	28.7	9.6	236	2.61	9.9	1.2	2.2	4.4	10	0.2	0.8	0.2	35	0.13	0.053
125289	Soil		1.2	33.3	21.7	123	0.1	36.0	11.6	333	3.17	9.5	1.1	1.7	6.1	8	0.4	0.9	0.2	32	0.10	0.047
125290	Soil		1.1	31.8	18.5	134	0.1	38.5	12.5	351	2.88	9.4	1.4	2.0	5.0	13	0.7	1.1	0.2	32	0.15	0.058
125291	Soil		1.4	44.9	21.0	112	0.2	33.7	10.5	242	2.80	12.2	1.9	1.9	4.1	14	1.1	1.4	0.2	38	0.11	0.062
125292	Soil		2.1	66.8	21.6	126	0.2	34.3	7.3	174	2.74	14.9	2.4	2.1	2.9	15	1.0	1.6	0.2	42	0.10	0.075
125293	Soil		4.7	92.0	30.5	273	0.8	65.1	19.2	449	3.49	26.2	3.8	1.9	10.3	33	5.9	3.5	0.2	34	0.17	0.134
125294	Soil		1.1	44.4	17.0	88	0.1	32.1	11.5	394	3.02	13.0	1.4	4.4	5.6	10	0.5	2.5	0.2	34	0.11	0.055
125295	Soil		1.0	30.0	21.1	69	<0.1	25.8	10.0	273	2.81	13.6	1.0	3.0	6.8	9	<0.1	3.3	0.2	28	0.10	0.044
125296	Soil		0.7	28.2	15.4	63	<0.1	27.1	8.6	297	2.60	7.3	1.2	2.2	7.6	13	<0.1	0.8	0.2	33	0.17	0.051
125297	Soil		0.9	30.3	19.4	69	<0.1	25.9	8.1	239	2.96	9.3	1.0	1.7	6.2	8	<0.1	1.0	0.2	28	0.10	0.061
125298	Soil		0.9	31.7	23.6	69	<0.1	26.0	11.2	323	2.97	9.2	1.1	1.5	10.1	8	<0.1	1.0	0.2	29	0.09	0.042
125299	Soil		1.0	28.4	15.6	69	<0.1	27.1	10.2	363	2.63	9.8	1.1	4.2	6.5	13	0.2	1.0	0.2	38	0.16	0.060
125300	Soil		0.5	28.2	22.0	62	<0.1	25.9	10.6	209	2.60	5.4	1.1	1.7	10.8	8	<0.1	0.9	0.2	26	0.10	0.030
125301	Soil		0.7	23.9	25.3	51	<0.1	17.4	6.8	154	2.67	117.6	0.9	4.5	8.0	6	0.1	76.7	0.2	25	0.06	0.032
125302	Soil		0.8	28.0	33.7	59	<0.1	19.0	8.6	201	2.66	6.7	0.9	1.3	11.0	6	<0.1	1.2	0.2	21	0.06	0.032
125303	Soil		0.5	32.4	18.0	73	<0.1	47.1	18.9	851	4.25	21.6	0.6	<0.5	7.2	4	<0.1	0.9	<0.1	40	0.03	0.027
125304	Soil		0.5	27.2	25.3	70	<0.1	22.3	9.2	198	2.91	6.9	1.0	1.0	11.2	6	<0.1	0.4	0.1	20	0.05	0.029
125305	Soil		0.6	23.4	22.4	57	<0.1	18.7	7.8	179	2.71	6.3	1.3	1.1	9.0	7	<0.1	1.0	0.3	25	0.09	0.040
125306	Soil		0.6	19.4	39.2	64	<0.1	20.6	8.4	301	2.69	94.5	0.8	3.5	6.7	5	<0.1	5.2	0.2	23	0.06	0.026
125307	Soil		0.5	34.9	39.6	82	0.1	31.8	14.2	430	2.68	9.5	1.8	1.8	13.6	10	0.1	1.1	0.2	14	0.19	0.052
125308	Soil		0.4	39.9	51.6	83	0.2	32.6	16.0	629	3.29	11.9	2.5	1.0	11.9	17	0.1	0.9	0.3	13	0.42	0.050
125309	Soil		0.3	27.7	35.2	74	<0.1	26.0	9.1	245	2.83	8.0	1.7	1.5	14.9	11	<0.1	0.5	0.3	10	0.15	0.035
125310	Soil		0.4	29.2	32.2	75	<0.1	26.0	12.1	428	2.96	6.5	1.9	4.3	15.3	10	<0.1	0.6	0.3	12	0.14	0.044

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 9 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
125281	Soil	18	20	0.36	122	0.018	<1	1.33	0.005	0.04	0.1	0.07	1.6	0.1	<0.05	4	<0.5	<0.2
125282	Soil	15	21	0.37	107	0.016	<1	1.38	0.005	0.04	0.2	0.06	1.2	<0.1	<0.05	4	0.5	<0.2
125283	Soil	18	21	0.38	158	0.026	<1	1.26	0.005	0.05	0.1	0.05	2.3	<0.1	<0.05	3	<0.5	<0.2
125284	Soil	23	19	0.39	129	0.018	<1	1.28	0.005	0.05	0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
125285	Soil	23	23	0.49	227	0.018	<1	1.34	0.007	0.05	0.1	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
125286	Soil	24	21	0.44	98	0.014	<1	1.43	0.003	0.05	0.1	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
125287	Soil	21	30	0.55	134	0.018	<1	1.59	0.005	0.05	0.1	0.03	2.4	<0.1	<0.05	5	0.6	<0.2
125288	Soil	23	24	0.49	152	0.019	2	1.52	0.007	0.06	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
125289	Soil	26	23	0.54	119	0.015	1	1.66	0.006	0.05	0.1	0.05	2.1	<0.1	<0.05	5	0.5	<0.2
125290	Soil	19	21	0.44	143	0.014	2	1.42	0.006	0.05	<0.1	0.03	2.0	<0.1	<0.05	4	0.7	<0.2
125291	Soil	20	22	0.44	136	0.017	1	1.50	0.006	0.06	0.1	0.05	2.2	<0.1	<0.05	4	1.0	<0.2
125292	Soil	20	20	0.36	122	0.011	<1	1.41	0.006	0.05	0.1	0.09	1.8	0.1	<0.05	4	2.0	<0.2
125293	Soil	26	16	0.37	254	0.018	2	1.13	0.007	0.07	<0.1	0.16	2.5	<0.1	<0.05	3	3.8	<0.2
125294	Soil	30	22	0.49	157	0.015	2	1.56	0.006	0.06	0.1	0.04	2.2	0.1	<0.05	4	0.9	<0.2
125295	Soil	28	20	0.44	149	0.013	<1	1.38	0.005	0.06	0.1	0.03	2.1	<0.1	<0.05	4	0.6	<0.2
125296	Soil	26	24	0.52	198	0.018	1	1.66	0.007	0.06	0.1	0.03	2.9	<0.1	<0.05	4	0.6	<0.2
125297	Soil	28	25	0.61	90	0.009	<1	1.66	0.005	0.05	0.1	0.04	1.6	<0.1	<0.05	4	<0.5	<0.2
125298	Soil	35	22	0.50	133	0.013	<1	1.63	0.005	0.06	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
125299	Soil	25	24	0.51	171	0.031	1	1.53	0.007	0.07	0.2	0.03	2.6	<0.1	<0.05	4	0.6	<0.2
125300	Soil	36	26	0.63	146	0.011	<1	1.60	0.006	0.07	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
125301	Soil	31	17	0.38	83	0.010	<1	1.24	0.007	0.07	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
125302	Soil	37	18	0.47	68	0.008	<1	1.44	0.004	0.08	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
125303	Soil	19	103	1.42	117	0.009	1	2.33	0.003	0.06	<0.1	0.03	4.5	<0.1	<0.05	7	<0.5	<0.2
125304	Soil	36	18	0.57	77	0.010	<1	1.52	0.004	0.08	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
125305	Soil	44	19	0.51	113	0.012	1	1.44	0.005	0.07	<0.1	0.02	1.5	<0.1	<0.05	4	<0.5	<0.2
125306	Soil	27	17	0.37	82	0.007	<1	1.17	0.004	0.06	0.1	0.03	1.4	<0.1	<0.05	3	<0.5	<0.2
125307	Soil	44	15	0.55	65	0.009	1	1.26	0.007	0.07	<0.1	0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
125308	Soil	35	16	0.60	77	0.004	2	1.41	0.005	0.09	<0.1	0.04	1.5	<0.1	<0.05	4	<0.5	<0.2
125309	Soil	40	14	0.56	50	0.005	<1	1.18	0.005	0.08	<0.1	<0.01	1.4	<0.1	<0.05	3	0.6	<0.2
125310	Soil	37	16	0.59	62	0.004	<1	1.27	0.004	0.07	<0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 10 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
125311	Soil	0.3	32.2	31.1	81	<0.1	31.3	12.4	502	3.02	6.8	1.8	1.4	15.7	10	<0.1	0.5	0.3	13	0.16	0.050
125312	Soil	0.4	27.0	26.1	79	<0.1	27.8	9.7	304	2.85	6.1	1.8	1.1	9.2	20	<0.1	0.5	0.2	15	0.50	0.060
125313	Soil	0.4	31.0	25.0	75	0.1	28.1	11.0	423	2.92	6.6	1.9	<0.5	7.5	27	0.2	0.5	0.2	17	0.57	0.065
125314	Soil	0.4	21.9	19.6	67	<0.1	22.7	8.7	408	2.40	4.8	1.3	1.1	7.5	20	<0.1	0.5	0.2	15	0.49	0.064
125315	Soil	0.4	25.3	23.2	79	<0.1	25.7	11.3	395	2.61	5.7	1.6	4.0	7.7	22	0.1	0.6	0.2	20	0.49	0.072
125316	Soil	0.5	22.8	21.5	82	0.1	25.7	11.1	434	2.66	5.7	2.3	0.9	7.5	26	0.2	0.6	0.2	22	0.51	0.068
125317	Soil	0.5	24.0	18.9	75	0.1	23.5	9.9	511	2.33	4.7	3.2	0.6	5.4	29	0.2	0.6	0.2	21	0.58	0.065
125318	Soil	0.4	21.8	17.0	66	<0.1	23.4	8.8	330	2.06	4.6	2.9	2.0	5.3	27	0.2	0.8	0.1	21	0.47	0.060
125319	Soil	0.5	19.8	15.5	70	<0.1	20.1	7.3	206	1.97	5.1	2.6	<0.5	5.0	25	0.1	1.1	0.1	21	0.42	0.064
125320	Soil	0.5	17.4	13.2	62	<0.1	19.3	7.6	323	1.89	5.5	1.7	1.4	5.9	20	0.2	1.0	0.1	20	0.31	0.060
125321	Soil	0.7	21.7	16.9	73	0.1	21.3	7.5	307	2.06	6.2	2.9	2.7	3.4	53	0.3	1.1	0.2	22	0.84	0.066
125322	Soil	1.0	25.0	22.9	82	<0.1	23.7	11.2	409	2.86	8.2	2.7	3.8	10.2	13	0.2	1.6	0.2	21	0.22	0.059
125323	Soil	1.1	21.9	26.1	87	<0.1	21.7	13.2	505	2.95	10.9	1.9	1.6	7.3	24	0.3	1.6	0.2	18	0.39	0.063
125324	Soil	0.9	19.1	24.0	85	<0.1	20.5	10.4	347	2.67	8.6	1.5	2.3	6.9	22	0.2	1.2	0.2	18	0.39	0.059
125325	Soil	0.9	23.3	24.1	83	<0.1	22.7	11.1	263	2.89	9.4	1.9	<0.5	8.4	19	0.2	1.3	0.2	18	0.32	0.058
125326	Soil	0.7	22.5	21.6	81	0.1	22.8	10.5	519	2.56	7.7	1.8	1.0	5.4	37	0.3	1.2	0.2	18	0.67	0.059
125327	Soil	0.7	15.2	17.7	66	<0.1	17.4	9.8	832	2.20	7.0	1.2	2.3	5.4	29	0.1	1.0	0.2	16	0.50	0.059
125328	Soil	0.8	17.2	19.7	76	0.1	19.6	9.3	497	2.38	7.6	1.3	3.4	5.1	27	0.1	1.0	0.2	20	0.49	0.067
125329	Soil	0.9	19.8	22.1	80	0.1	20.5	10.0	827	2.30	8.2	1.1	5.0	7.6	18	0.3	1.1	0.2	22	0.29	0.058
125330	Soil	0.7	22.2	17.9	74	0.1	22.1	9.4	554	2.30	7.3	2.0	4.2	4.0	49	0.3	1.2	0.2	20	0.92	0.061
125331	Soil	0.9	17.4	17.8	78	0.1	20.3	8.7	342	2.44	8.8	2.7	1.1	4.8	32	0.2	1.0	0.2	22	0.58	0.066
125332	Soil	0.7	14.2	16.7	72	<0.1	18.1	8.5	445	2.20	7.7	2.8	1.2	4.4	27	0.1	0.8	0.2	20	0.48	0.059
125333	Soil	0.7	12.5	18.2	64	<0.1	15.3	9.3	523	2.39	10.7	2.2	<0.5	4.9	23	0.1	0.8	0.1	22	0.41	0.057
125334	Soil	0.8	11.2	15.9	63	<0.1	15.2	10.4	528	2.65	10.1	1.8	18.1	5.3	21	0.2	0.9	0.2	19	0.35	0.052
125335	Soil	0.4	9.9	10.9	57	<0.1	13.5	6.8	331	1.68	4.7	2.1	<0.5	3.6	24	0.2	0.6	0.1	17	0.42	0.046
125336	Soil	0.8	14.0	17.9	66	<0.1	17.6	11.9	787	2.25	12.5	1.9	3.6	4.8	23	0.2	1.5	0.2	21	0.33	0.056
125337	Soil	0.6	13.3	18.3	65	<0.1	15.6	8.2	329	2.21	12.1	1.4	0.8	5.4	20	<0.1	2.0	0.2	24	0.25	0.049
125338	Soil	0.9	16.7	21.7	66	0.1	19.2	10.0	424	2.53	15.4	1.5	1.9	5.6	18	0.1	1.9	0.2	19	0.23	0.046
125339	Soil	0.8	21.9	17.6	70	0.1	20.4	9.5	240	2.60	12.8	1.3	2.6	6.7	13	<0.1	2.2	0.2	26	0.14	0.040
125340	Soil	0.9	26.2	18.4	72	0.1	22.2	9.9	198	2.84	12.4	1.4	2.4	7.0	12	<0.1	1.9	0.2	24	0.14	0.041

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 10 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
125311	Soil	45	17	0.63	77	0.008	<1	1.44	0.003	0.07	<0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
125312	Soil	35	18	0.60	111	0.005	<1	1.45	0.005	0.07	<0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
125313	Soil	33	19	0.58	148	0.005	1	1.43	0.006	0.08	<0.1	0.03	1.7	<0.1	<0.05	4	0.7	<0.2
125314	Soil	28	15	0.50	113	0.006	1	1.20	0.005	0.06	<0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
125315	Soil	28	20	0.54	153	0.006	1	1.42	0.012	0.06	<0.1	0.03	1.7	<0.1	<0.05	4	<0.5	<0.2
125316	Soil	30	20	0.54	152	0.007	1	1.45	0.007	0.07	<0.1	0.04	1.9	<0.1	<0.05	4	0.5	<0.2
125317	Soil	26	19	0.48	169	0.006	1	1.36	0.006	0.07	<0.1	0.04	1.7	<0.1	<0.05	4	<0.5	<0.2
125318	Soil	26	17	0.42	138	0.011	1	1.14	0.006	0.05	0.1	0.04	1.8	<0.1	<0.05	3	0.8	<0.2
125319	Soil	22	17	0.38	114	0.010	1	1.03	0.006	0.05	0.1	0.04	1.8	<0.1	<0.05	3	0.6	<0.2
125320	Soil	24	14	0.35	93	0.016	1	0.87	0.005	0.05	0.1	0.03	1.7	<0.1	<0.05	2	<0.5	<0.2
125321	Soil	18	17	0.35	142	0.009	2	1.02	0.007	0.05	<0.1	0.06	1.6	<0.1	<0.05	3	<0.5	<0.2
125322	Soil	32	16	0.39	150	0.010	<1	1.10	0.007	0.06	0.1	0.05	2.2	<0.1	<0.05	3	0.5	<0.2
125323	Soil	24	15	0.36	150	0.007	<1	1.04	0.005	0.05	0.1	0.05	1.8	<0.1	<0.05	3	0.8	<0.2
125324	Soil	21	16	0.37	151	0.007	1	1.03	0.006	0.05	0.1	0.05	1.8	<0.1	<0.05	3	<0.5	<0.2
125325	Soil	24	16	0.39	167	0.007	2	1.07	0.005	0.05	0.1	0.06	1.9	<0.1	<0.05	3	<0.5	<0.2
125326	Soil	18	15	0.36	218	0.006	1	1.02	0.006	0.05	0.1	0.06	1.7	<0.1	<0.05	3	0.6	<0.2
125327	Soil	18	13	0.33	153	0.009	2	0.88	0.005	0.05	0.1	0.04	1.5	<0.1	<0.05	2	0.8	<0.2
125328	Soil	18	16	0.38	168	0.008	<1	1.06	0.006	0.05	0.1	0.04	1.8	<0.1	<0.05	3	1.1	<0.2
125329	Soil	20	16	0.40	175	0.013	1	1.06	0.006	0.05	0.2	0.04	2.0	<0.1	<0.05	3	0.5	<0.2
125330	Soil	18	16	0.37	217	0.011	2	1.06	0.007	0.06	0.1	0.07	1.8	<0.1	<0.05	3	0.5	<0.2
125331	Soil	17	18	0.39	154	0.013	2	1.05	0.007	0.06	0.1	0.04	1.8	<0.1	<0.05	3	1.0	<0.2
125332	Soil	15	16	0.36	147	0.011	1	0.93	0.005	0.05	0.1	0.03	1.6	<0.1	<0.05	3	0.6	<0.2
125333	Soil	15	16	0.36	138	0.012	<1	0.95	0.005	0.05	0.2	0.04	1.7	<0.1	<0.05	3	0.8	<0.2
125334	Soil	15	15	0.36	132	0.010	1	0.92	0.004	0.05	0.1	0.02	1.4	<0.1	<0.05	3	<0.5	<0.2
125335	Soil	14	12	0.33	136	0.010	<1	0.85	0.004	0.05	0.1	0.02	1.4	<0.1	<0.05	2	<0.5	<0.2
125336	Soil	15	16	0.37	165	0.011	1	0.99	0.006	0.05	0.1	0.03	1.7	<0.1	<0.05	3	0.7	<0.2
125337	Soil	17	17	0.39	166	0.012	<1	1.09	0.009	0.05	0.2	0.04	2.0	<0.1	<0.05	3	<0.5	<0.2
125338	Soil	15	15	0.36	148	0.009	<1	1.00	0.005	0.05	0.1	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
125339	Soil	20	20	0.45	202	0.011	<1	1.32	0.005	0.05	0.1	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
125340	Soil	20	19	0.49	174	0.013	<1	1.25	0.005	0.05	0.2	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 11 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
125341	Soil		1.0	20.7	19.3	65	<0.1	18.1	8.9	205	2.41	10.3	1.2	3.1	5.7	11	0.1	1.5	0.2	27	0.12	0.040
125342	Soil		0.7	15.3	20.4	59	0.1	15.6	6.6	136	1.99	9.1	1.3	1.7	5.6	12	0.1	1.8	0.2	24	0.15	0.039
125343	Soil		0.9	12.4	14.9	73	<0.1	17.2	11.4	715	2.35	12.4	0.9	3.2	4.9	20	0.2	1.5	0.2	24	0.25	0.055
125344	Soil		0.6	14.9	14.1	67	0.1	17.8	8.0	265	2.01	9.6	1.7	11.4	5.0	25	0.2	1.6	0.1	22	0.34	0.051
125345	Soil		0.9	31.3	17.8	83	0.2	24.1	10.5	287	2.75	13.2	1.6	2.4	8.6	20	0.3	2.1	0.2	24	0.30	0.063
125346	Soil		1.3	27.7	28.6	103	0.3	26.8	12.5	592	3.11	25.9	1.6	2.1	6.2	26	0.3	3.3	0.2	27	0.44	0.069
115790	Soil		1.3	45.1	26.9	88	<0.1	30.8	10.9	306	2.85	17.4	1.5	2.0	7.5	12	0.4	2.5	0.2	29	0.10	0.055
115791	Soil		1.4	26.6	18.2	71	<0.1	20.7	10.6	470	2.50	13.9	1.2	4.1	4.6	11	0.3	1.4	0.2	34	0.10	0.056
115792	Soil		1.2	19.6	22.2	47	0.2	16.3	5.0	128	2.01	8.2	1.0	1.2	2.2	12	0.2	0.6	0.2	28	0.08	0.049
115793	Soil		1.0	23.7	23.6	68	<0.1	22.9	13.0	634	2.52	23.6	1.2	2.3	5.6	10	0.2	4.6	0.2	25	0.10	0.047
115794	Soil		1.0	28.9	23.3	83	0.1	28.5	12.3	493	2.82	102.6	2.3	16.9	5.8	19	0.2	7.1	0.2	28	0.23	0.064
115795	Soil		1.0	26.3	19.0	84	0.2	24.8	10.8	496	2.50	57.6	2.3	8.9	5.2	23	0.3	5.0	0.2	31	0.30	0.072
115796	Soil		0.9	22.0	19.7	78	0.1	21.8	10.3	217	2.70	41.1	1.6	5.9	7.1	18	0.3	21.9	0.2	29	0.23	0.062
115797	Soil		0.7	20.7	18.9	76	0.2	21.1	15.4	1050	2.58	34.0	1.6	3.8	4.2	27	0.4	8.8	0.2	30	0.35	0.069
115798	Soil		0.8	13.2	15.1	72	<0.1	17.3	9.1	447	2.30	26.1	1.0	4.1	5.4	21	0.4	12.3	0.1	25	0.28	0.062
115799	Soil		0.7	21.6	17.5	76	0.2	22.9	10.9	455	2.47	23.9	1.6	4.2	4.8	23	0.4	18.5	0.2	29	0.28	0.070
115800	Soil		0.8	19.8	15.5	79	0.2	21.1	10.0	1280	2.28	19.1	1.6	3.8	3.0	30	0.5	21.2	0.2	28	0.34	0.081
115801	Soil		0.8	24.6	22.0	77	0.2	22.0	9.5	599	2.50	17.4	2.5	2.9	3.8	34	0.6	16.9	0.2	26	0.41	0.070
115802	Soil		0.8	14.1	15.1	66	0.1	16.4	10.4	309	2.66	21.6	1.3	4.1	4.6	23	0.2	19.9	0.2	29	0.24	0.054
115803	Soil		0.8	16.7	14.0	67	0.1	19.0	8.4	268	2.00	11.3	1.0	4.6	4.8	21	0.2	10.4	0.2	26	0.28	0.047
115804	Soil		0.9	19.9	17.4	70	0.2	20.4	12.0	434	2.52	17.9	1.2	1.3	4.2	25	0.2	10.0	0.2	31	0.27	0.060
115805	Soil		0.8	15.3	13.5	53	0.1	14.9	7.7	280	1.99	13.9	0.7	1.3	4.4	19	0.2	6.2	0.1	23	0.24	0.051
115806	Soil		0.5	16.8	12.5	60	0.2	17.1	9.8	335	1.83	9.4	2.6	3.0	2.8	40	0.3	8.8	0.1	25	0.50	0.057
115807	Soil		1.0	20.0	15.6	75	0.1	22.5	9.9	296	2.38	11.7	1.7	2.7	4.8	19	0.3	5.7	0.3	27	0.22	0.051
115808	Soil		1.1	21.2	15.9	77	<0.1	27.1	13.7	398	2.91	14.3	0.6	4.6	5.6	10	0.3	3.7	0.3	37	0.09	0.031
115809	Soil		1.0	21.3	13.8	65	0.1	18.5	6.9	174	2.22	10.4	1.0	8.1	3.2	16	0.2	1.7	0.2	36	0.18	0.058
115810	Soil		0.9	20.0	10.3	62	<0.1	19.4	7.1	222	2.08	8.6	0.7	8.5	4.8	13	0.2	2.1	0.2	29	0.15	0.052
115811	Soil		1.0	23.9	12.6	72	0.1	24.4	10.2	281	2.46	11.2	0.8	4.1	6.2	10	0.3	2.4	0.2	35	0.08	0.035
115812	Soil		1.2	18.3	16.7	59	0.1	18.2	8.2	370	2.23	12.2	0.6	0.6	1.0	11	0.3	3.2	0.2	32	0.11	0.037
115813	Soil		0.9	17.2	14.3	64	0.1	18.2	8.4	261	2.10	8.8	0.7	5.8	4.5	13	0.2	3.8	0.2	23	0.16	0.054



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 11 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
125341	Soil	17	19	0.44	155	0.014	1	1.26	0.007	0.05	0.1	0.04	2.0	<0.1	<0.05	4	0.5	<0.2
125342	Soil	17	17	0.38	183	0.011	<1	1.14	0.006	0.05	0.2	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
125343	Soil	15	16	0.38	148	0.014	<1	0.96	0.005	0.05	0.2	0.02	1.5	<0.1	<0.05	3	<0.5	<0.2
125344	Soil	15	16	0.38	176	0.015	<1	0.92	0.007	0.05	0.1	0.04	1.9	<0.1	<0.05	3	<0.5	<0.2
125345	Soil	21	20	0.47	156	0.020	<1	1.12	0.007	0.07	0.1	0.06	2.4	<0.1	<0.05	3	<0.5	<0.2
125346	Soil	17	22	0.52	186	0.013	<1	1.22	0.006	0.07	0.1	0.04	2.4	<0.1	<0.05	3	0.7	<0.2
115790	Soil	26	21	0.45	81	0.018	1	1.30	0.005	0.05	<0.1	0.04	1.8	<0.1	<0.05	4	0.6	<0.2
115791	Soil	22	22	0.41	98	0.018	<1	1.40	0.006	0.05	0.1	0.05	1.9	<0.1	<0.05	4	<0.5	<0.2
115792	Soil	22	18	0.33	158	0.013	<1	1.32	0.008	0.06	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
115793	Soil	24	18	0.35	69	0.011	1	1.09	0.005	0.05	0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
115794	Soil	22	23	0.39	167	0.012	<1	1.28	0.008	0.06	0.2	0.04	2.4	<0.1	<0.05	4	0.6	<0.2
115795	Soil	19	24	0.44	242	0.017	2	1.36	0.012	0.06	0.2	0.06	3.0	<0.1	<0.05	4	<0.5	<0.2
115796	Soil	21	21	0.44	171	0.019	<1	1.25	0.007	0.05	0.2	0.02	2.5	<0.1	<0.05	4	0.9	<0.2
115797	Soil	16	22	0.42	283	0.013	<1	1.25	0.007	0.05	0.2	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
115798	Soil	17	18	0.41	191	0.015	1	1.10	0.006	0.04	0.2	0.03	1.8	<0.1	<0.05	3	0.5	<0.2
115799	Soil	18	22	0.43	300	0.017	1	1.23	0.008	0.05	0.2	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
115800	Soil	15	20	0.40	344	0.011	<1	1.23	0.007	0.05	0.2	0.05	2.3	<0.1	<0.05	3	0.6	<0.2
115801	Soil	17	19	0.37	354	0.014	1	1.21	0.017	0.06	0.1	0.06	2.4	<0.1	<0.05	3	1.4	<0.2
115802	Soil	17	18	0.33	254	0.011	<1	1.15	0.005	0.05	0.2	0.04	1.9	<0.1	0.06	3	<0.5	<0.2
115803	Soil	17	19	0.38	216	0.015	<1	1.14	0.005	0.06	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
115804	Soil	17	20	0.37	311	0.011	<1	1.25	0.006	0.06	0.1	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
115805	Soil	17	14	0.31	193	0.014	<1	0.98	0.005	0.05	0.2	0.03	1.8	<0.1	<0.05	3	<0.5	<0.2
115806	Soil	13	17	0.32	285	0.011	<1	1.11	0.006	0.05	0.1	0.04	1.7	<0.1	0.09	3	0.9	<0.2
115807	Soil	16	21	0.38	227	0.011	<1	1.22	0.006	0.05	0.2	0.05	2.3	<0.1	<0.05	4	<0.5	<0.2
115808	Soil	14	25	0.38	121	0.027	2	1.44	0.005	0.04	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
115809	Soil	16	23	0.38	227	0.018	1	1.31	0.006	0.04	0.2	0.04	2.5	<0.1	<0.05	4	0.7	<0.2
115810	Soil	16	20	0.37	128	0.025	12	1.09	0.006	0.04	0.2	0.02	2.0	<0.1	<0.05	3	<0.5	<0.2
115811	Soil	17	23	0.40	164	0.026	1	1.45	0.006	0.05	0.2	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
115812	Soil	14	19	0.31	122	0.017	2	1.01	0.004	0.04	0.2	0.02	1.1	<0.1	<0.05	4	<0.5	<0.2
115813	Soil	17	18	0.35	122	0.014	<1	1.04	0.004	0.04	0.2	0.02	1.7	<0.1	<0.05	3	0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 12 of 12 Part 1

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
115814	Soil	0.5	21.5	16.1	68	0.1	20.5	8.6	189	2.11	8.8	1.4	1.1	5.5	27	0.3	5.0	0.2	25	0.46	0.052
115815	Soil	1.0	13.6	15.0	70	0.1	19.0	8.9	521	2.35	12.3	1.1	1.9	4.7	25	0.2	4.5	0.2	18	0.43	0.055
115816	Soil	1.0	28.8	15.4	76	0.2	27.7	11.2	359	2.61	12.5	1.4	6.3	5.7	21	0.4	4.5	0.2	25	0.30	0.064
115817	Soil	1.0	26.2	11.9	77	0.1	25.1	8.1	423	2.14	10.1	1.3	7.4	5.9	17	0.3	3.0	0.2	26	0.24	0.057
115818	Soil	5.8	54.6	18.8	79	0.5	20.0	8.6	475	2.59	30.4	1.3	8.1	4.2	29	0.2	4.3	0.2	33	0.19	0.079
115819	Soil	1.9	26.2	13.0	59	0.2	18.3	5.3	210	2.29	15.9	1.1	4.6	4.5	13	0.2	1.3	0.2	32	0.09	0.069
115820	Soil	1.6	22.0	11.8	47	0.3	15.5	4.4	193	1.96	15.2	1.2	4.6	3.6	13	0.2	1.6	0.2	27	0.07	0.073
115821	Soil	1.6	24.1	11.7	60	0.2	18.3	5.9	249	2.01	16.1	1.2	15.2	5.1	14	0.3	1.5	0.2	30	0.10	0.084
115822	Soil	1.6	19.1	10.5	46	0.2	13.2	4.3	171	2.32	16.7	0.7	15.1	1.1	11	0.2	1.4	0.2	36	0.06	0.068
115823	Soil	1.6	20.3	11.2	51	0.3	16.2	5.4	225	2.12	17.2	0.9	1.8	2.4	15	0.2	1.6	0.2	35	0.08	0.069
115824	Soil	1.6	28.5	9.1	57	0.2	21.0	6.4	208	2.18	14.1	0.9	5.0	3.6	13	0.3	1.4	0.2	34	0.11	0.071
115825	Soil	1.2	27.0	11.8	79	0.2	28.3	10.2	278	2.45	12.5	0.9	7.1	3.2	10	0.4	1.2	0.2	35	0.09	0.065
115826	Soil	1.6	24.6	7.5	24	0.1	9.6	1.2	54	1.12	12.2	0.3	5.7	0.3	7	<0.1	1.0	0.1	23	0.02	0.041
115827	Soil	0.9	27.9	9.9	70	0.1	30.9	10.0	271	2.30	10.9	0.8	3.2	5.6	16	0.2	0.9	0.2	38	0.19	0.070
115828	Soil	1.4	27.1	19.6	38	0.4	14.7	3.2	140	1.84	23.0	1.5	1.4	7.5	23	0.1	1.9	0.3	25	0.06	0.081
115829	Soil	1.8	11.0	11.4	42	<0.1	11.4	4.0	178	2.55	11.0	0.5	6.4	1.7	7	<0.1	1.0	0.2	60	0.04	0.032
115830	Soil	1.5	35.0	12.5	69	0.4	26.5	7.1	302	2.30	24.1	1.2	7.6	3.3	12	0.2	2.3	0.2	27	0.08	0.072
115831	Soil	6.0	56.8	20.5	70	1.6	25.9	5.6	387	3.54	74.6	1.8	20.6	0.5	24	0.2	3.7	0.3	40	0.08	0.141



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 12 of 12 Part 2

CERTIFICATE OF ANALYSIS

WHI11001545.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.01	0.05	1	0.5
115814	Soil	14	18	0.36	214	0.014	2	1.04	0.005	0.04	0.2	0.03	2.2	<0.1	<0.05	3	2.3	<0.2
115815	Soil	13	16	0.37	133	0.009	<1	0.93	0.005	0.04	0.1	0.02	1.4	<0.1	<0.05	2	0.6	<0.2
115816	Soil	18	21	0.39	278	0.012	<1	1.15	0.005	0.04	0.1	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
115817	Soil	20	21	0.38	173	0.021	<1	1.09	0.006	0.05	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
115818	Soil	17	18	0.31	1124	0.017	1	0.99	0.004	0.04	0.1	0.14	2.1	<0.1	<0.05	3	1.2	<0.2
115819	Soil	15	19	0.29	92	0.026	<1	1.08	0.005	0.04	0.1	0.04	2.2	<0.1	<0.05	3	0.7	<0.2
115820	Soil	12	17	0.19	59	0.017	<1	0.81	0.004	0.03	<0.1	0.04	1.7	<0.1	<0.05	3	0.8	<0.2
115821	Soil	14	19	0.23	80	0.024	1	1.01	0.007	0.04	0.1	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
115822	Soil	10	20	0.20	52	0.020	<1	0.97	0.004	0.03	0.1	0.04	1.1	<0.1	<0.05	4	0.6	<0.2
115823	Soil	11	20	0.24	79	0.025	1	1.02	0.006	0.04	0.1	0.06	1.8	<0.1	<0.05	3	1.0	<0.2
115824	Soil	11	21	0.26	69	0.032	2	1.04	0.005	0.04	0.2	0.05	1.9	<0.1	<0.05	3	1.2	<0.2
115825	Soil	13	22	0.27	84	0.028	1	1.20	0.006	0.04	0.2	0.04	1.9	<0.1	<0.05	3	0.6	<0.2
115826	Soil	8	11	0.03	21	0.010	<1	0.33	0.002	0.01	<0.1	0.02	0.5	<0.1	<0.05	2	0.9	<0.2
115827	Soil	17	22	0.33	83	0.044	2	1.25	0.007	0.04	0.2	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
115828	Soil	10	22	0.14	61	0.007	<1	1.03	0.006	0.03	<0.1	0.10	2.3	<0.1	<0.05	3	1.3	<0.2
115829	Soil	11	19	0.16	47	0.047	1	0.86	0.004	0.03	0.3	0.04	1.3	<0.1	<0.05	6	0.5	<0.2
115830	Soil	16	18	0.19	52	0.017	<1	0.86	0.005	0.03	0.1	0.06	1.9	<0.1	<0.05	3	0.9	<0.2
115831	Soil	12	23	0.16	163	0.010	1	0.89	0.004	0.05	0.2	0.15	1.3	<0.1	0.09	3	2.2	0.3



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: December 02, 2011

Page: 1 of 3 Part 1

QUALITY CONTROL REPORT

WHI11001545.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
122671	Soil	1.2	17.7	15.6	52	<0.1	15.6	5.7	172	1.86	5.9	0.6	2.6	3.8	10	0.1	1.2	0.1	24	0.12	0.038
REP 122671	QC	1.1	18.3	15.2	53	<0.1	15.3	5.5	172	1.86	5.8	0.7	0.7	3.7	10	<0.1	1.2	0.1	25	0.12	0.037
122686	Soil	0.8	33.6	19.5	69	0.1	24.8	10.8	434	2.37	9.0	1.8	4.0	9.3	21	0.1	0.6	0.2	25	0.31	0.059
REP 122686	QC	0.8	33.8	20.7	68	0.1	25.9	10.8	444	2.41	9.0	1.9	1.9	9.6	22	0.2	0.7	0.2	25	0.33	0.064
122701	Soil	1.7	31.2	17.8	72	0.2	28.9	12.0	585	2.65	10.3	1.6	2.4	6.2	22	0.2	1.5	0.2	24	0.37	0.070
REP 122701	QC	1.7	31.0	18.0	71	0.2	28.0	11.9	580	2.65	10.2	1.6	1.8	6.0	23	0.2	1.6	0.2	25	0.39	0.068
122719	Soil	0.7	24.9	18.9	71	<0.1	23.0	10.6	562	2.67	23.0	1.3	2.2	6.6	31	0.3	13.8	0.2	22	0.47	0.070
REP 122719	QC	0.7	24.5	19.0	70	<0.1	22.2	10.5	562	2.61	22.4	1.3	3.0	6.5	32	0.3	13.5	0.2	21	0.47	0.067
122744	Soil	0.6	32.7	24.5	69	0.1	28.6	13.5	491	2.80	11.4	1.8	1.9	6.7	21	0.2	1.2	0.4	21	0.27	0.049
REP 122744	QC	0.7	33.4	24.1	71	0.1	28.4	13.3	483	2.83	11.5	1.8	3.8	7.0	21	0.1	1.4	0.4	20	0.26	0.052
122765	Soil	1.4	30.7	23.6	77	0.1	24.5	12.5	513	2.87	12.9	1.5	3.3	4.5	12	0.2	1.2	0.3	39	0.11	0.053
REP 122765	QC	1.3	30.9	24.1	75	0.1	25.5	12.6	509	2.80	13.3	1.5	3.5	4.6	12	0.2	1.3	0.3	39	0.10	0.052
125192	Soil	0.6	21.8	22.8	51	0.1	19.8	8.3	381	2.39	71.8	1.1	4.2	9.5	11	<0.1	22.6	0.2	22	0.17	0.040
REP 125192	QC	0.7	22.6	23.6	52	0.1	20.5	8.4	366	2.38	73.4	1.1	5.8	9.4	11	<0.1	22.4	0.2	22	0.17	0.041
125202	Soil	0.7	19.2	13.8	49	<0.1	16.9	7.4	317	1.89	7.7	1.0	2.3	4.2	17	0.1	1.6	0.2	25	0.26	0.061
REP 125202	QC	0.6	18.9	13.4	49	<0.1	17.4	7.3	310	1.88	7.7	1.0	1.6	4.0	18	<0.1	1.5	0.2	27	0.25	0.058
125215	Soil	1.1	14.4	15.3	51	0.2	16.9	5.1	137	1.82	8.6	0.6	2.2	1.8	17	<0.1	1.6	0.2	29	0.25	0.046
REP 125215	QC	1.1	13.8	15.0	50	0.2	16.9	5.0	137	1.81	9.0	0.6	1.7	1.7	17	<0.1	1.6	0.2	29	0.25	0.045
125247	Soil	2.7	72.2	17.9	193	0.3	44.5	11.1	283	2.94	18.7	4.3	2.8	3.0	17	0.9	2.6	0.2	39	0.11	0.089
REP 125247	QC	2.9	72.8	18.8	194	0.3	45.8	11.3	286	3.01	18.8	4.5	2.8	3.0	18	1.0	2.8	0.2	40	0.12	0.089
125261	Soil	1.1	28.0	16.1	79	0.2	25.3	8.7	290	2.76	11.5	0.9	4.1	3.2	10	0.5	1.0	0.2	38	0.08	0.039
REP 125261	QC	1.3	27.3	16.0	81	0.2	25.6	9.0	301	2.91	11.6	1.0	3.5	3.3	10	0.7	1.1	0.2	40	0.08	0.044
125278	Soil	4.9	25.4	15.6	86	0.4	23.0	10.9	531	2.62	18.7	1.7	3.8	2.9	13	0.3	2.0	0.2	49	0.12	0.068
REP 125278	QC	4.9	25.2	15.5	85	0.4	22.1	10.9	519	2.55	18.4	1.6	8.7	2.8	12	0.3	2.0	0.2	48	0.12	0.068
125302	Soil	0.8	28.0	33.7	59	<0.1	19.0	8.6	201	2.66	6.7	0.9	1.3	11.0	6	<0.1	1.2	0.2	21	0.06	0.032
REP 125302	QC	0.7	27.7	33.9	58	<0.1	18.6	8.2	200	2.65	6.5	0.8	3.1	10.6	6	<0.1	1.2	0.2	21	0.05	0.031
125322	Soil	1.0	25.0	22.9	82	<0.1	23.7	11.2	409	2.86	8.2	2.7	3.8	10.2	13	0.2	1.6	0.2	21	0.22	0.059
REP 125322	QC	0.9	23.7	22.4	77	<0.1	22.8	10.4	385	2.69	7.8	2.6	0.6	10.2	13	<0.1	1.6	0.2	19	0.21	0.058



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 1 of 3 Part 2

QUALITY CONTROL REPORT

WHI11001545.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
122671	Soil	23	16	0.33	238	0.014	<1	1.06	0.005	0.06	0.2	0.03	1.7	<0.1	<0.05	3	<0.5	<0.2
REP 122671	QC	24	17	0.33	244	0.016	<1	1.08	0.005	0.06	0.1	0.03	1.6	0.1	<0.05	3	<0.5	<0.2
122686	Soil	23	22	0.48	227	0.014	<1	1.31	0.006	0.04	0.1	0.04	2.5	<0.1	<0.05	4	<0.5	<0.2
REP 122686	QC	23	23	0.49	233	0.013	1	1.34	0.007	0.04	0.1	0.05	2.6	<0.1	<0.05	4	<0.5	<0.2
122701	Soil	23	22	0.38	143	0.016	1	1.08	0.006	0.04	0.1	0.06	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 122701	QC	23	21	0.38	145	0.015	<1	1.07	0.007	0.04	0.1	0.05	2.7	<0.1	<0.05	3	<0.5	<0.2
122719	Soil	18	16	0.33	190	0.012	<1	0.98	0.006	0.04	0.1	0.03	2.7	<0.1	<0.05	3	<0.5	<0.2
REP 122719	QC	17	15	0.33	187	0.011	<1	0.96	0.005	0.04	0.1	0.05	2.5	<0.1	<0.05	3	<0.5	<0.2
122744	Soil	23	16	0.41	141	0.015	2	1.13	0.008	0.04	<0.1	0.05	2.3	<0.1	<0.05	3	0.6	<0.2
REP 122744	QC	23	16	0.41	141	0.016	<1	1.12	0.009	0.05	<0.1	0.05	2.5	<0.1	<0.05	3	0.7	<0.2
122765	Soil	22	26	0.45	145	0.023	1	1.69	0.006	0.06	0.2	0.07	2.5	0.1	<0.05	5	0.6	<0.2
REP 122765	QC	22	25	0.45	147	0.024	2	1.65	0.006	0.07	0.2	0.07	2.4	0.1	<0.05	4	0.7	<0.2
125192	Soil	30	15	0.23	157	0.006	<1	1.00	0.004	0.05	0.1	0.04	2.2	<0.1	<0.05	3	<0.5	<0.2
REP 125192	QC	31	16	0.23	160	0.006	<1	1.00	0.004	0.06	0.1	0.04	2.2	<0.1	<0.05	2	<0.5	<0.2
125202	Soil	20	17	0.32	158	0.019	4	0.99	0.005	0.03	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
REP 125202	QC	20	17	0.31	155	0.019	<1	0.97	0.005	0.04	0.2	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
125215	Soil	17	23	0.36	160	0.016	1	1.20	0.005	0.06	0.1	0.05	1.3	0.1	<0.05	4	<0.5	<0.2
REP 125215	QC	17	22	0.36	156	0.018	2	1.19	0.006	0.05	0.1	0.04	1.3	<0.1	<0.05	4	<0.5	<0.2
125247	Soil	19	17	0.24	100	0.010	<1	1.13	0.005	0.05	0.1	0.10	2.0	<0.1	<0.05	3	0.9	<0.2
REP 125247	QC	20	18	0.25	104	0.012	1	1.17	0.005	0.05	0.1	0.10	2.0	<0.1	<0.05	3	0.6	<0.2
125261	Soil	12	20	0.34	89	0.031	1	1.41	0.005	0.05	0.2	0.05	1.6	<0.1	<0.05	4	<0.5	<0.2
REP 125261	QC	12	22	0.35	91	0.032	1	1.47	0.005	0.05	0.2	0.05	1.7	<0.1	0.05	4	<0.5	<0.2
125278	Soil	19	24	0.38	208	0.027	<1	1.37	0.006	0.05	0.2	0.09	2.1	0.1	<0.05	4	0.7	<0.2
REP 125278	QC	18	23	0.35	197	0.025	1	1.32	0.006	0.06	0.2	0.09	2.1	0.1	<0.05	4	1.0	<0.2
125302	Soil	37	18	0.47	68	0.008	<1	1.44	0.004	0.08	<0.1	0.02	1.4	<0.1	<0.05	4	<0.5	<0.2
REP 125302	QC	37	18	0.48	66	0.009	1	1.47	0.004	0.08	<0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
125322	Soil	32	16	0.39	150	0.010	<1	1.10	0.007	0.06	0.1	0.05	2.2	<0.1	<0.05	3	0.5	<0.2
REP 125322	QC	30	16	0.38	137	0.009	<1	1.04	0.005	0.06	0.1	0.07	2.1	<0.1	<0.05	3	0.7	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 02, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

WHI11001545.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
125330	Soil	0.7	22.2	17.9	74	0.1	22.1	9.4	554	2.30	7.3	2.0	4.2	4.0	49	0.3	1.2	0.2	20	0.92	0.061
REP 125330	QC	0.7	21.9	18.0	75	0.1	21.9	9.5	568	2.36	8.0	2.0	<0.5	3.5	48	0.2	1.1	0.2	20	0.93	0.062
115792	Soil	1.2	19.6	22.2	47	0.2	16.3	5.0	128	2.01	8.2	1.0	1.2	2.2	12	0.2	0.6	0.2	28	0.08	0.049
REP 115792	QC	1.0	18.7	21.0	46	0.1	15.5	4.8	124	1.94	7.8	1.0	0.9	2.3	11	0.2	0.6	0.2	27	0.07	0.049
115803	Soil	0.8	16.7	14.0	67	0.1	19.0	8.4	268	2.00	11.3	1.0	4.6	4.8	21	0.2	10.4	0.2	26	0.28	0.047
REP 115803	QC	0.7	16.1	14.0	65	0.1	17.6	8.0	261	1.92	10.8	0.9	3.2	4.9	21	0.2	10.4	0.2	25	0.26	0.048
115816	Soil	1.0	28.8	15.4	76	0.2	27.7	11.2	359	2.61	12.5	1.4	6.3	5.7	21	0.4	4.5	0.2	25	0.30	0.064
REP 115816	QC	1.0	29.9	15.5	76	0.2	28.1	11.9	367	2.67	13.5	1.4	3.5	5.7	21	0.3	4.4	0.2	26	0.31	0.063
Reference Materials																					
STD DS8	Standard	13.2	110.3	121.1	319	1.9	40.2	7.4	615	2.50	25.2	2.8	111.8	6.9	73	2.3	5.2	6.7	43	0.70	0.082
STD DS8	Standard	14.0	107.9	123.3	314	1.9	37.7	7.6	607	2.51	26.5	2.7	113.2	6.7	69	2.5	5.7	6.4	44	0.69	0.083
STD DS8	Standard	12.6	111.8	116.3	298	1.7	38.6	7.3	583	2.42	26.8	2.7	110.2	6.5	65	2.0	5.6	6.2	44	0.63	0.076
STD DS8	Standard	13.7	112.0	132.7	318	1.9	38.2	7.4	608	2.42	27.5	2.6	114.4	7.5	67	2.6	5.3	5.9	42	0.72	0.083
STD DS8	Standard	12.1	106.1	124.3	302	1.9	35.9	7.1	596	2.38	26.5	2.8	116.9	6.5	65	2.1	5.2	6.6	41	0.66	0.084
STD DS8	Standard	13.7	112.6	134.9	322	2.0	38.7	7.9	641	2.57	27.8	3.2	124.4	8.0	65	2.4	5.2	5.9	44	0.71	0.083
STD DS8	Standard	13.5	112.3	126.6	312	1.8	36.8	7.6	608	2.42	27.2	2.9	110.9	7.0	71	2.4	5.8	6.6	42	0.69	0.075
STD DS8	Standard	13.3	104.7	125.9	301	1.7	35.8	7.2	606	2.40	26.4	3.2	109.5	7.8	67	2.5	4.7	5.3	41	0.70	0.080
STD DS8	Standard	13.3	125.1	126.2	323	1.8	39.1	8.0	619	2.48	30.1	3.2	105.9	7.7	69	2.8	6.4	7.3	43	0.71	0.092
STD DS8	Standard	13.1	106.7	126.3	301	1.7	36.5	7.2	605	2.42	28.1	3.0	121.4	7.4	78	2.2	6.0	7.6	42	0.69	0.076
STD DS8	Standard	12.0	107.7	127.0	299	1.7	35.0	7.2	590	2.31	25.2	3.0	107.1	7.4	63	2.3	4.5	5.0	40	0.66	0.074
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 02, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

WHI11001545.1

		1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
125330	Soil	18	16	0.37	217	0.011	2	1.06	0.007	0.06	0.1	0.07	1.8	<0.1	<0.05	3	0.5	<0.2
REP 125330	QC	17	16	0.37	214	0.013	1	1.05	0.007	0.07	0.1	0.05	1.9	<0.1	<0.05	3	0.8	<0.2
115792	Soil	22	18	0.33	158	0.013	<1	1.32	0.008	0.06	0.2	0.05	1.5	<0.1	<0.05	4	<0.5	<0.2
REP 115792	QC	21	18	0.32	151	0.011	<1	1.25	0.007	0.05	0.1	0.03	1.5	0.1	<0.05	4	<0.5	<0.2
115803	Soil	17	19	0.38	216	0.015	<1	1.14	0.005	0.06	0.1	0.04	2.1	<0.1	<0.05	3	<0.5	<0.2
REP 115803	QC	18	18	0.36	219	0.014	1	1.09	0.008	0.05	0.1	0.03	1.9	<0.1	<0.05	3	<0.5	<0.2
115816	Soil	18	21	0.39	278	0.012	<1	1.15	0.005	0.04	0.1	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
REP 115816	QC	19	22	0.39	285	0.013	1	1.17	0.006	0.05	0.1	0.04	2.8	<0.1	<0.05	3	0.7	<0.2
Reference Materials																		
STD DS8	Standard	15	120	0.63	279	0.116	3	0.98	0.110	0.46	2.9	0.18	2.9	5.4	0.15	5	6.4	5.0
STD DS8	Standard	16	119	0.64	289	0.122	3	0.98	0.099	0.45	3.0	0.19	2.9	5.5	0.15	5	4.6	5.1
STD DS8	Standard	14	115	0.57	264	0.119	3	0.88	0.089	0.39	2.7	0.19	3.0	5.1	0.21	5	5.0	4.6
STD DS8	Standard	15	115	0.63	299	0.119	3	0.99	0.093	0.47	3.2	0.22	2.3	5.7	0.16	5	4.4	5.2
STD DS8	Standard	14	114	0.59	282	0.117	2	0.96	0.105	0.41	2.8	0.19	2.3	5.5	0.16	4	5.1	4.8
STD DS8	Standard	16	123	0.63	302	0.118	3	0.97	0.104	0.45	3.1	0.22	3.0	5.8	0.12	5	5.2	5.3
STD DS8	Standard	17	115	0.60	281	0.125	2	0.96	0.110	0.42	3.1	0.21	2.6	5.6	0.15	5	4.9	4.8
STD DS8	Standard	16	112	0.60	292	0.115	3	0.96	0.126	0.44	2.8	0.17	3.4	5.5	0.13	5	5.1	5.0
STD DS8	Standard	16	119	0.64	313	0.134	3	1.00	0.113	0.44	3.1	0.21	3.3	5.4	0.09	5	5.1	5.0
STD DS8	Standard	17	115	0.62	284	0.130	3	0.97	0.104	0.41	3.3	0.19	2.4	5.3	0.15	5	5.0	4.6
STD DS8	Standard	14	112	0.58	283	0.108	3	0.92	0.084	0.45	2.8	0.24	2.3	5.3	0.11	5	4.5	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: December 02, 2011

Page: 3 of 3 **Part** 1

QUALITY CONTROL REPORT

WHI11001545.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: December 02, 2011

Page: 3 of 3 Part 2

QUALITY CONTROL REPORT

WHI11001545.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Submitted By: Mark Fekete

Receiving Lab: Canada-Whitehorse

Received: September 25, 2011

Report Date: October 28, 2011

Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI11001742.1

CLIENT JOB INFORMATION

Project: KEYNOTE
Shipment ID: 20110918113510
P.O. Number
Number of Samples: 6

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	6	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	6	Fire assay fusion Au by ICP-ES	30	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Wilson, Sydney
Box 160, Station A
Vancouver BC V6C 2M3
Canada

CC: Lauren Wilson



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: October 28, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

WHI11001742.1

	Method	WGHT	3B
	Analyte	Wgt	Au
	Unit	kg	ppb
	MDL	0.01	2
122818	Rock	0.47	<2
134431	Rock	1.23	<2
134482	Rock	1.90	<2
134552	Rock	2.86	<2
134566	Rock	1.90	<2
134570	Rock	2.13	<2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: October 28, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11001742.1

Method	WGHT	3B
Analyte	Wgt	Au
Unit	kg	ppb
MDL	0.01	2
Pulp Duplicates		
REP G1	QC	<2
Core Reject Duplicates		
122818	Rock	0.47 <2
DUP 122818	QC	<2
Reference Materials		
STD OXC88	Standard	185
STD OXC88	Standard	204
STD OXH82	Standard	1270
STD OXH82	Standard	1319
STD OXC88 Expected		203
STD OXH82 Expected		1278
BLK	Blank	<2
BLK	Blank	<2
BLK	Blank	<2
BLK	Blank	<2
Prep Wash		
G1	Prep Blank	
G1	Prep Blank	<2



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: September 25, 2011
Report Date: December 01, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI11001874.1

CLIENT JOB INFORMATION

Project: KEYNOTE
Shipment ID: 20110918183854
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5
Canada

CC: Lauren Wilson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	100	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	100	Dry at 60C			WHI
1DX2	100	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 01, 2011

Page: 2 of 5 **Part** 1

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
134398	Soil		0.6	18.3	36.1	56	0.1	24.9	9.6	1127	2.05	10.8	0.9	5.2	12.5	7	0.3	1.8	0.1	19	0.09	0.037
134477	Soil		3.3	32.3	20.0	81	0.7	9.2	2.1	106	3.10	15.8	2.2	4.2	9.3	13	<0.1	1.7	0.3	46	0.02	0.058
134478	Soil		3.3	59.3	25.2	77	0.6	13.7	4.4	151	2.86	16.3	3.3	4.5	1.0	16	0.2	1.8	0.4	47	0.05	0.104
134479	Soil		3.8	45.0	20.9	100	0.5	16.1	5.8	181	3.27	20.1	2.3	3.9	3.6	15	0.2	1.9	0.3	48	0.06	0.083
134480	Soil		8.2	27.4	23.3	50	1.0	5.8	1.4	38	2.12	19.1	3.8	4.3	0.6	15	0.1	2.8	0.3	32	0.02	0.173
134481	Soil		3.1	28.0	15.1	65	0.2	18.0	7.7	279	3.03	15.5	1.6	2.4	4.2	13	0.2	1.5	0.2	42	0.11	0.090
134483	Soil		4.8	28.3	21.6	62	0.3	13.7	4.4	145	3.05	19.0	1.7	4.2	2.8	12	0.1	1.6	0.3	49	0.05	0.088
134484	Soil		2.9	53.7	19.3	48	0.3	9.0	1.8	37	2.66	10.0	3.6	2.5	0.9	11	0.5	1.0	0.3	27	0.02	0.096
134485	Soil		1.1	25.1	19.3	61	<0.1	27.2	11.2	308	2.86	11.2	1.4	1.4	6.0	7	0.1	0.6	0.2	33	0.06	0.035
134486	Soil		3.1	74.4	45.5	92	<0.1	47.4	19.0	546	4.59	10.4	3.9	2.1	8.5	7	0.2	0.9	0.5	23	0.04	0.047
134487	Soil		1.0	19.1	16.0	50	<0.1	21.3	10.7	297	2.47	11.7	1.2	2.3	5.8	9	0.2	0.6	0.2	41	0.08	0.032
134488	Soil		1.7	26.8	16.9	70	0.1	19.7	9.9	367	2.65	11.9	1.3	1.3	3.2	13	<0.1	0.7	0.2	43	0.12	0.067
134489	Soil		0.7	38.3	23.2	83	<0.1	39.2	29.7	753	3.64	18.2	1.3	<0.5	7.1	5	0.2	0.6	0.2	24	0.04	0.030
134490	Soil		1.1	16.5	25.3	57	<0.1	19.3	9.3	319	2.71	12.8	0.9	<0.5	1.6	9	0.3	0.5	0.2	40	0.09	0.058
134491	Soil		1.3	17.9	23.3	38	<0.1	13.0	5.4	171	2.66	13.0	0.9	3.7	5.4	8	<0.1	0.6	0.2	40	0.05	0.028
134492	Soil		1.1	27.7	18.8	68	<0.1	18.7	9.6	335	2.66	18.5	1.4	2.8	4.8	15	0.2	0.8	0.2	35	0.11	0.060
134493	Soil		7.3	21.2	24.7	51	0.8	6.9	1.9	168	2.00	27.2	2.5	5.7	4.4	37	0.2	1.1	0.2	17	0.10	0.087
134494	Soil		1.1	24.4	15.2	56	<0.1	22.8	9.6	253	2.56	12.0	1.1	1.4	5.7	10	0.2	0.7	0.2	39	0.09	0.040
134495	Soil		1.0	24.7	21.5	55	0.2	21.4	9.7	186	2.89	12.7	1.3	1.8	5.8	12	0.1	0.7	0.2	36	0.05	0.039
134496	Soil		1.3	16.0	22.2	46	<0.1	17.6	8.3	192	2.72	12.8	0.8	<0.5	5.0	9	0.2	0.6	0.2	40	0.09	0.048
134497	Soil		1.3	20.5	24.0	55	<0.1	24.4	11.6	199	2.61	11.6	1.1	<0.5	7.9	7	0.2	0.7	0.2	42	0.06	0.026
134498	Soil		0.8	29.8	48.2	69	0.1	29.6	16.1	825	2.53	7.6	1.1	2.6	15.3	7	<0.1	0.7	0.4	10	0.10	0.029
134499	Soil		0.4	32.8	33.9	70	0.1	37.2	16.5	738	3.29	7.2	1.1	2.3	21.4	26	0.1	0.6	0.3	3	1.15	0.047
134500	Soil		1.1	20.0	16.9	53	<0.1	22.7	11.3	301	2.34	10.0	0.9	<0.5	8.0	10	0.1	0.6	0.2	32	0.12	0.049
134501	Soil		0.7	21.8	27.2	60	<0.1	23.7	9.7	380	2.25	8.7	0.8	<0.5	7.4	8	0.1	0.5	0.1	29	0.10	0.042
134502	Soil		0.8	30.0	26.0	64	<0.1	28.0	12.5	432	2.93	6.5	1.0	3.8	6.9	7	<0.1	0.4	0.2	27	0.10	0.048
134503	Soil		0.8	23.0	17.7	57	<0.1	22.5	12.0	409	2.40	10.1	0.9	0.7	6.9	8	0.2	0.5	0.2	32	0.10	0.044
134504	Soil		0.8	13.9	19.3	42	<0.1	12.9	5.3	155	2.26	9.5	0.7	2.3	2.6	6	<0.1	0.4	0.2	38	0.06	0.037
134505	Soil		0.9	19.6	20.9	56	<0.1	19.1	8.1	223	2.66	10.5	0.8	1.2	3.1	7	0.1	0.5	0.2	38	0.08	0.045
134506	Soil		0.7	27.7	18.3	63	<0.1	24.9	10.5	387	2.42	9.6	0.8	2.2	7.5	10	0.2	0.7	0.2	30	0.12	0.036

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 01, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134398	Soil	26	15	0.22	200	0.012	2	1.06	0.005	0.09	<0.1	0.05	2.2	<0.1	<0.05	2	0.8	<0.2
134477	Soil	35	27	0.37	121	0.004	1	1.10	0.003	0.03	<0.1	0.08	1.7	<0.1	<0.05	4	2.6	<0.2
134478	Soil	23	28	0.31	203	0.006	2	1.33	0.004	0.04	0.1	0.15	1.0	<0.1	<0.05	5	2.5	<0.2
134479	Soil	18	28	0.37	138	0.009	<1	1.50	0.004	0.04	0.1	0.09	1.7	0.1	<0.05	4	3.2	<0.2
134480	Soil	18	20	0.14	106	0.003	1	0.84	0.003	0.03	<0.1	0.16	0.5	<0.1	0.05	2	2.3	<0.2
134481	Soil	14	28	0.42	153	0.017	1	1.47	0.005	0.04	0.2	0.06	2.1	<0.1	<0.05	4	1.9	<0.2
134483	Soil	21	30	0.33	128	0.007	<1	1.31	0.004	0.03	0.2	0.07	1.4	0.1	<0.05	4	2.6	<0.2
134484	Soil	9	25	0.08	96	0.004	<1	0.98	0.003	0.02	<0.1	0.09	1.0	<0.1	<0.05	3	1.9	<0.2
134485	Soil	13	23	0.35	85	0.020	<1	1.25	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.9	<0.2
134486	Soil	17	18	0.44	87	0.009	1	1.47	0.003	0.03	<0.1	0.06	3.0	<0.1	<0.05	3	0.6	<0.2
134487	Soil	13	25	0.43	143	0.035	1	1.71	0.006	0.05	0.2	0.03	3.0	<0.1	<0.05	4	0.9	<0.2
134488	Soil	13	25	0.43	158	0.023	1	1.62	0.006	0.05	0.2	0.06	2.3	0.1	<0.05	4	0.7	<0.2
134489	Soil	16	26	0.70	83	0.011	<1	1.93	0.004	0.03	<0.1	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
134490	Soil	12	24	0.38	99	0.017	<1	1.47	0.006	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
134491	Soil	13	21	0.29	74	0.018	<1	1.32	0.004	0.04	0.2	0.07	1.6	0.1	<0.05	5	0.5	<0.2
134492	Soil	14	22	0.41	181	0.021	2	1.39	0.005	0.05	0.2	0.08	2.4	0.2	<0.05	4	<0.5	<0.2
134493	Soil	12	13	0.39	121	0.001	<1	0.68	0.003	0.05	<0.1	0.19	1.0	<0.1	0.10	2	1.6	<0.2
134494	Soil	12	25	0.42	116	0.031	1	1.65	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.6	<0.2
134495	Soil	12	24	0.40	96	0.028	1	1.70	0.006	0.05	0.2	0.03	2.4	<0.1	<0.05	4	0.7	<0.2
134496	Soil	10	25	0.34	83	0.022	<1	1.78	0.005	0.04	0.2	0.04	2.3	0.1	<0.05	4	0.6	<0.2
134497	Soil	15	25	0.35	101	0.024	1	1.66	0.004	0.04	0.2	0.07	2.1	0.1	<0.05	5	0.5	<0.2
134498	Soil	30	9	0.23	147	0.009	<1	0.75	0.004	0.04	<0.1	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
134499	Soil	36	6	0.12	100	0.004	<1	0.55	0.004	0.04	<0.1	0.07	3.0	<0.1	<0.05	<1	<0.5	<0.2
134500	Soil	15	23	0.46	135	0.029	<1	1.56	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.7	<0.2
134501	Soil	26	20	0.47	122	0.023	<1	1.32	0.005	0.05	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
134502	Soil	27	22	0.51	139	0.014	<1	1.44	0.004	0.04	0.1	0.03	1.6	<0.1	<0.05	4	1.0	<0.2
134503	Soil	15	22	0.44	126	0.021	1	1.41	0.005	0.04	0.2	0.02	2.1	<0.1	<0.05	4	0.7	<0.2
134504	Soil	14	19	0.32	66	0.019	<1	1.25	0.004	0.03	0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
134505	Soil	19	24	0.41	79	0.017	<1	1.34	0.004	0.04	0.2	0.02	1.4	<0.1	<0.05	5	0.6	<0.2
134506	Soil	19	20	0.45	167	0.027	<1	1.12	0.009	0.05	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: December 01, 2011

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
134507	Soil	0.7	32.2	36.7	72	<0.1	31.5	16.4	771	2.75	10.2	1.1	2.7	12.8	9	0.2	1.0	0.2	22	0.11	0.038
134508	Soil	1.0	32.8	20.3	63	<0.1	28.4	13.9	627	2.83	13.1	1.3	1.0	10.6	10	0.1	0.7	0.2	33	0.12	0.049
134509	Soil	1.4	32.8	18.8	73	0.1	28.4	9.1	427	4.73	11.0	0.6	1.1	12.7	4	<0.1	0.3	0.2	27	0.04	0.049
134510	Soil	0.9	27.2	21.7	59	<0.1	26.3	12.1	408	2.69	10.6	0.8	2.1	9.5	10	0.2	0.8	0.2	34	0.12	0.045
134511	Soil	0.9	23.7	17.4	57	<0.1	22.6	8.9	291	2.44	9.0	0.8	2.6	7.3	12	0.1	0.6	0.2	29	0.17	0.049
134512	Soil	0.9	37.1	19.5	78	<0.1	30.0	13.3	592	2.87	11.5	1.4	2.6	8.5	16	0.1	0.9	0.2	35	0.16	0.042
134513	Soil	0.9	45.5	28.8	71	<0.1	38.5	18.9	1643	3.29	11.6	1.0	3.4	14.8	10	0.2	0.8	0.3	26	0.10	0.044
134514	Soil	1.0	30.9	18.8	60	<0.1	25.5	12.3	464	2.79	10.3	1.1	2.3	9.5	10	<0.1	0.7	0.3	34	0.09	0.038
134515	Soil	0.9	29.7	17.6	60	<0.1	26.2	12.9	436	2.73	9.4	1.0	2.0	9.8	10	<0.1	0.8	0.3	32	0.10	0.039
134516	Soil	1.1	27.2	20.7	55	<0.1	23.6	11.8	356	2.61	11.4	0.8	1.2	9.7	8	0.2	0.7	0.3	38	0.07	0.029
134517	Soil	0.8	31.7	17.9	57	<0.1	27.4	13.6	369	2.78	12.1	1.3	1.3	9.0	11	0.1	0.8	0.2	39	0.11	0.047
134518	Soil	0.7	29.2	15.1	56	<0.1	24.8	10.9	347	2.50	11.2	1.1	2.8	8.7	10	<0.1	0.8	0.2	37	0.09	0.027
134519	Soil	1.0	24.8	22.3	60	<0.1	25.4	11.6	267	2.96	12.3	0.7	0.8	11.1	7	0.1	0.5	0.3	33	0.05	0.028
134520	Soil	0.8	32.9	23.3	62	<0.1	29.1	13.9	664	2.64	10.5	1.2	1.7	9.0	10	0.1	0.5	0.3	28	0.12	0.042
134521	Soil	0.7	36.6	24.2	83	0.1	30.8	13.3	580	3.35	9.8	2.8	8.1	14.2	20	<0.1	11.1	0.4	17	0.25	0.045
134522	Soil	1.4	36.6	14.5	81	0.4	29.1	10.2	211	2.44	39.1	1.1	10.6	8.6	21	0.6	3.0	0.3	35	0.24	0.120
134523	Soil	1.5	19.5	16.8	49	0.5	13.9	4.6	164	1.96	44.3	1.1	37.1	6.5	20	0.3	2.5	0.2	28	0.10	0.083
134524	Soil	1.9	23.3	23.7	84	0.5	18.4	5.3	123	2.35	79.6	1.4	37.4	5.3	25	0.6	4.7	0.4	35	0.13	0.143
134525	Soil	1.2	26.8	9.9	67	0.2	25.0	8.6	284	2.42	19.8	1.2	10.4	3.9	17	0.3	1.4	0.2	43	0.18	0.081
134526	Soil	1.1	32.3	38.1	38	0.4	16.3	5.0	147	1.65	30.2	1.0	0.8	5.7	9	0.3	0.9	0.2	29	0.06	0.036
134527	Soil	0.9	14.9	14.0	12	0.3	9.1	1.0	38	0.79	19.0	1.0	<0.5	8.2	8	<0.1	1.3	0.3	13	<0.01	0.027
134528	Soil	1.0	117.2	7.1	66	0.1	50.5	21.1	446	2.73	13.2	1.5	12.1	3.7	14	0.3	0.8	0.3	43	0.17	0.097
134529	Soil	1.4	71.2	13.0	81	<0.1	39.7	13.6	396	2.79	13.7	1.3	36.4	4.6	13	0.2	0.8	0.3	45	0.16	0.077
134530	Soil	1.4	62.3	7.8	72	0.1	36.6	16.8	511	2.95	12.6	1.6	11.4	2.2	16	0.3	0.9	0.2	47	0.22	0.106
134531	Soil	0.4	217.5	7.6	71	0.2	169.7	70.5	1696	4.52	8.0	0.5	2.1	1.9	15	0.4	0.3	<0.1	130	0.42	0.086
134532	Soil	0.6	94.4	5.9	54	<0.1	61.2	16.6	359	2.02	6.7	0.9	7.5	3.8	16	0.2	0.5	<0.1	47	0.25	0.081
134533	Soil	0.8	86.6	6.9	56	<0.1	34.6	11.3	267	1.93	8.5	0.8	3.7	3.6	15	0.2	0.6	0.1	38	0.20	0.068
134534	Soil	0.8	66.9	7.1	55	<0.1	42.0	13.6	343	2.06	6.9	0.5	1.9	3.5	17	0.2	0.6	0.1	43	0.34	0.076
134535	Soil	1.7	19.2	10.9	56	<0.1	18.5	7.5	371	2.42	10.9	0.6	1.8	0.4	9	0.1	0.9	0.3	63	0.08	0.039
134536	Soil	0.8	101.1	6.8	53	<0.1	66.0	17.2	445	2.34	10.2	0.9	7.8	3.3	19	0.1	0.7	0.1	49	0.27	0.074



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 01, 2011

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134507	Soil	29	17	0.41	144	0.020	<1	1.01	0.006	0.04	<0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
134508	Soil	21	24	0.50	165	0.025	1	1.54	0.006	0.06	0.1	0.03	3.2	<0.1	<0.05	4	1.0	<0.2
134509	Soil	24	23	0.51	58	0.007	<1	1.51	0.003	0.04	<0.1	0.02	1.3	<0.1	<0.05	6	<0.5	<0.2
134510	Soil	18	22	0.43	123	0.027	<1	1.37	0.005	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
134511	Soil	22	20	0.43	121	0.018	<1	1.26	0.005	0.05	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
134512	Soil	25	23	0.49	361	0.024	<1	1.35	0.007	0.06	0.1	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
134513	Soil	28	25	0.53	128	0.020	2	1.76	0.005	0.07	0.1	0.04	<0.1	<0.1	<0.05	4	0.5	<0.2
134514	Soil	25	23	0.46	159	0.022	2	1.65	0.005	0.06	0.1	0.05	<0.1	<0.1	<0.05	4	<0.5	<0.2
134515	Soil	27	23	0.44	163	0.025	1	1.44	0.005	0.05	0.1	0.03	<0.1	<0.1	<0.05	4	<0.5	<0.2
134516	Soil	19	24	0.40	120	0.021	1	1.66	0.005	0.06	0.2	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134517	Soil	23	27	0.43	177	0.027	1	1.71	0.008	0.05	0.2	0.06	<0.1	<0.1	<0.05	4	<0.5	<0.2
134518	Soil	19	24	0.44	145	0.037	1	1.54	0.006	0.06	0.2	0.06	<0.1	<0.1	<0.05	4	<0.5	<0.2
134519	Soil	25	23	0.44	83	0.018	<1	1.70	0.004	0.05	0.1	0.02	<0.1	<0.1	<0.05	4	<0.5	<0.2
134520	Soil	28	21	0.43	141	0.020	<1	1.39	0.004	0.05	0.2	0.03	<0.1	<0.1	<0.05	4	<0.5	<0.2
134521	Soil	34	19	0.42	100	0.004	<1	1.29	0.003	0.06	<0.1	0.04	<0.1	<0.1	<0.05	3	<0.5	<0.2
134522	Soil	30	26	0.30	149	0.027	<1	1.31	0.006	0.04	0.1	0.04	<0.1	<0.1	<0.05	3	0.6	<0.2
134523	Soil	22	19	0.19	88	0.021	<1	0.96	0.009	0.03	0.1	0.04	<0.1	<0.1	<0.05	3	0.6	<0.2
134524	Soil	29	30	0.24	105	0.016	<1	1.38	0.013	0.04	0.2	0.04	<0.1	<0.1	<0.05	5	1.2	<0.2
134525	Soil	17	24	0.35	103	0.041	1	1.22	0.006	0.04	0.3	0.04	<0.1	<0.1	<0.05	4	0.6	<0.2
134526	Soil	18	39	0.36	47	0.018	<1	0.88	0.004	0.02	<0.1	0.03	<0.1	<0.1	<0.05	3	1.0	<0.2
134527	Soil	24	18	0.14	18	<0.001	<1	0.58	0.003	0.01	<0.1	0.02	<0.1	<0.1	<0.05	2	0.7	<0.2
134528	Soil	25	34	0.50	62	0.035	<1	1.21	0.006	0.03	0.2	0.04	<0.1	<0.1	<0.05	3	0.6	<0.2
134529	Soil	31	30	0.52	62	0.037	1	1.27	0.005	0.03	0.2	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134530	Soil	27	31	0.51	99	0.035	<1	1.36	0.005	0.05	0.3	0.05	<0.1	<0.1	<0.05	4	0.5	<0.2
134531	Soil	8	117	2.67	119	0.015	<1	3.52	0.003	0.02	<0.1	0.03	<0.1	<0.1	<0.05	9	<0.5	<0.2
134532	Soil	12	83	0.70	138	0.052	<1	1.27	0.004	0.03	0.2	0.02	<0.1	<0.1	<0.05	3	<0.5	<0.2
134533	Soil	13	40	0.49	132	0.044	<1	1.29	0.005	0.04	0.2	0.03	<0.1	<0.1	<0.05	3	<0.5	<0.2
134534	Soil	12	85	0.71	134	0.040	<1	1.33	0.007	0.05	0.1	0.03	<0.1	<0.1	<0.05	4	<0.5	<0.2
134535	Soil	11	30	0.28	163	0.021	1	1.47	0.004	0.03	0.2	0.04	<0.1	0.2	<0.05	6	<0.5	<0.2
134536	Soil	12	76	0.72	110	0.052	1	1.39	0.004	0.03	0.3	0.06	<0.1	<0.1	<0.05	3	<0.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 01, 2011

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit	MDL	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
134537	Soil	1.3	32.9	9.4	60	<0.1	31.6	9.9	302	2.69	11.9	0.8	3.8	2.7	11	0.3	0.9	0.2	55	0.12	0.030
134538	Soil	1.2	33.1	7.7	65	<0.1	32.9	10.6	375	2.67	11.3	0.9	38.4	1.5	12	0.3	0.7	0.2	56	0.16	0.052
134539	Soil	1.5	124.0	10.3	86	0.2	46.6	20.0	573	2.85	14.4	1.6	27.4	5.0	11	0.3	1.0	0.2	51	0.14	0.057
134540	Soil	1.5	101.9	10.0	85	0.1	47.3	19.1	571	2.61	12.9	1.4	29.2	4.6	13	0.4	1.0	0.2	46	0.16	0.072
134541	Soil	1.1	44.9	7.3	58	<0.1	28.9	10.0	327	2.41	9.5	1.0	6.8	3.3	14	0.3	0.8	0.2	50	0.20	0.064
134542	Soil	0.8	63.7	6.7	59	<0.1	28.6	11.7	379	2.65	10.5	0.8	5.5	3.7	15	0.3	0.8	0.1	59	0.23	0.067
134543	Soil	1.0	89.4	6.6	71	<0.1	33.2	15.2	462	3.05	10.5	0.9	13.3	3.5	16	0.4	0.6	0.1	69	0.30	0.089
134544	Soil	0.8	87.7	6.1	68	<0.1	33.5	13.5	426	2.58	9.5	1.1	8.3	3.9	18	0.3	0.6	0.1	54	0.30	0.086
134545	Soil	0.9	76.0	6.8	73	0.1	29.1	11.7	381	2.53	8.8	1.0	5.0	4.2	20	0.4	0.7	0.1	53	0.29	0.084
134546	Soil	1.1	41.4	6.6	57	0.1	20.4	8.1	229	2.15	7.2	1.0	5.2	4.0	15	0.2	0.6	0.2	45	0.23	0.082
134547	Soil	1.1	27.0	7.4	54	<0.1	21.6	9.1	323	2.41	9.1	0.8	5.4	3.2	12	0.2	0.7	0.1	49	0.17	0.059
134548	Soil	0.7	22.2	4.8	47	<0.1	32.3	11.4	238	2.09	11.7	1.3	1.6	7.3	15	0.2	0.9	<0.1	37	0.21	0.087
134549	Soil	0.5	7.7	4.7	20	<0.1	8.3	3.2	153	0.96	6.1	0.4	<0.5	1.0	4	<0.1	0.3	<0.1	17	0.03	0.021
134550	Soil	1.0	14.7	13.4	13	0.3	6.6	2.5	62	1.09	7.9	0.8	1.1	4.2	6	<0.1	0.8	0.2	21	0.02	0.026
134551	Soil	1.1	21.3	12.7	45	0.3	15.6	5.4	204	1.94	11.3	1.4	2.7	2.7	9	0.2	0.6	0.2	35	0.07	0.057
134553	Soil	1.5	43.4	7.1	48	0.2	18.6	8.8	254	1.90	21.2	1.6	1.6	2.5	12	0.2	0.7	0.1	38	0.10	0.123
134554	Soil	1.7	30.2	18.0	67	0.3	22.2	7.8	258	2.59	13.7	1.1	5.8	3.8	11	0.3	1.0	0.2	23	0.08	0.072
134555	Soil	1.7	30.5	17.6	60	0.3	19.5	6.7	228	2.37	17.6	1.3	5.3	2.9	12	0.1	1.8	0.2	25	0.08	0.071
134556	Soil	1.6	46.6	36.7	83	0.1	33.4	13.9	792	3.61	29.9	1.8	5.9	4.5	15	0.2	1.4	0.3	15	0.08	0.064
134557	Soil	3.2	92.4	40.2	119	0.4	46.5	17.7	921	5.01	30.7	2.3	8.3	4.2	31	0.5	2.1	0.4	25	0.21	0.094
134558	Soil	0.9	262.8	5.7	79	0.1	27.8	17.1	542	3.09	7.2	0.8	11.7	2.8	13	0.3	0.4	<0.1	47	0.21	0.100
134559	Soil	1.0	69.3	6.5	61	0.1	19.7	8.7	274	2.64	9.0	0.9	7.2	4.3	17	0.3	0.6	0.1	41	0.24	0.095
134560	Soil	0.5	58.7	5.7	65	<0.1	41.7	18.2	901	3.53	5.2	0.4	4.3	1.9	21	0.2	0.4	<0.1	53	0.35	0.157
134561	Soil	1.4	22.0	21.6	70	0.2	20.7	7.1	252	2.59	15.8	0.7	5.3	3.4	16	0.3	1.2	0.2	31	0.14	0.077
134562	Soil	1.2	22.2	12.0	56	0.2	14.0	5.8	243	2.47	21.7	0.9	8.6	3.7	11	0.2	1.4	0.1	31	0.12	0.097
134563	Soil	3.1	22.6	9.7	67	0.2	19.9	7.5	243	1.85	14.9	0.8	6.0	3.2	9	0.3	1.0	0.1	37	0.08	0.065
134564	Soil	1.4	19.7	8.4	50	0.2	16.7	5.7	202	1.85	9.5	0.8	2.1	2.0	8	0.2	0.8	0.1	29	0.06	0.058
134565	Soil	0.9	10.6	5.8	13	0.1	3.8	1.4	43	1.26	9.8	0.5	1.8	2.8	3	<0.1	0.4	<0.1	22	0.01	0.018
134567	Soil	0.8	17.4	7.4	35	0.3	12.5	3.5	140	3.19	29.3	1.1	6.0	5.7	9	0.4	1.6	<0.1	45	0.08	0.071
134568	Soil	1.5	26.2	12.3	62	0.2	21.5	7.2	220	2.47	11.0	0.9	3.3	3.4	14	0.3	0.8	0.2	36	0.09	0.077

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: December 01, 2011

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
134537	Soil	14	43	0.47	174	0.041	<1	1.48	0.005	0.04	0.5	0.03	<0.1	0.1	<0.05	4	0.6	<0.2
134538	Soil	16	54	0.52	110	0.044	1	1.47	0.005	0.04	0.5	0.08	<0.1	0.1	<0.05	4	0.8	<0.2
134539	Soil	14	40	0.55	117	0.048	1	1.54	0.005	0.04	0.3	0.05	<0.1	0.1	<0.05	4	0.7	<0.2
134540	Soil	14	37	0.50	93	0.038	2	1.40	0.004	0.04	0.4	0.05	<0.1	0.1	<0.05	3	<0.5	<0.2
134541	Soil	15	36	0.49	96	0.050	<1	1.36	0.006	0.03	0.5	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134542	Soil	15	29	0.48	144	0.063	<1	1.34	0.005	0.04	0.4	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134543	Soil	14	34	0.68	153	0.075	<1	1.57	0.005	0.04	0.2	0.04	<0.1	<0.1	<0.05	5	<0.5	<0.2
134544	Soil	15	36	0.58	180	0.062	<1	1.35	0.005	0.04	0.2	0.02	<0.1	<0.1	<0.05	4	<0.5	<0.2
134545	Soil	15	33	0.56	231	0.067	<1	1.34	0.007	0.05	0.2	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134546	Soil	17	27	0.43	112	0.048	<1	1.36	0.005	0.04	0.3	0.04	<0.1	0.1	<0.05	4	<0.5	<0.2
134547	Soil	14	26	0.40	93	0.050	<1	1.25	0.004	0.04	0.2	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134548	Soil	32	23	0.25	64	0.035	<1	0.89	0.005	0.03	0.3	0.04	<0.1	<0.1	<0.05	3	0.7	<0.2
134549	Soil	4	9	0.14	25	0.018	<1	0.52	0.002	0.02	0.1	0.01	0.8	<0.1	<0.05	1	<0.5	<0.2
134550	Soil	4	16	0.10	49	0.009	<1	0.63	0.003	0.01	<0.1	0.08	1.2	<0.1	<0.05	4	0.7	<0.2
134551	Soil	10	22	0.30	69	0.020	<1	1.16	0.004	0.03	0.2	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
134553	Soil	24	25	0.35	47	0.023	<1	1.00	0.004	0.02	0.1	0.06	1.8	<0.1	<0.05	3	1.1	<0.2
134554	Soil	13	16	0.31	60	0.011	<1	0.98	0.004	0.03	<0.1	0.05	1.3	<0.1	<0.05	3	1.3	<0.2
134555	Soil	10	15	0.26	56	0.014	1	0.92	0.004	0.02	0.1	0.08	1.4	<0.1	<0.05	3	1.2	<0.2
134556	Soil	9	13	0.31	74	0.004	<1	0.93	0.004	0.03	<0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
134557	Soil	8	19	0.34	104	0.005	<1	1.03	0.006	0.03	<0.1	0.07	2.2	<0.1	0.05	3	2.4	<0.2
134558	Soil	10	20	0.57	117	0.056	<1	1.25	0.004	0.04	0.2	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
134559	Soil	14	20	0.45	153	0.049	<1	0.97	0.007	0.03	0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
134560	Soil	11	50	1.19	87	0.028	<1	1.89	0.003	0.02	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
134561	Soil	10	16	0.31	106	0.031	<1	0.86	0.027	0.05	0.2	0.03	1.9	0.1	0.12	3	0.8	<0.2
134562	Soil	12	17	0.27	85	0.031	<1	0.90	0.005	0.03	0.3	0.07	1.8	0.1	<0.05	3	0.6	<0.2
134563	Soil	10	19	0.30	71	0.025	<1	1.00	0.004	0.03	0.3	0.11	1.4	<0.1	<0.05	3	1.0	<0.2
134564	Soil	11	20	0.31	60	0.017	2	0.92	0.004	0.03	<0.1	0.06	1.5	<0.1	<0.05	3	1.5	<0.2
134565	Soil	3	16	0.06	27	0.008	<1	0.43	0.003	0.01	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
134567	Soil	8	31	0.18	84	0.015	<1	0.80	0.004	0.02	<0.1	0.03	3.5	<0.1	<0.05	6	0.7	<0.2
134568	Soil	17	22	0.40	81	0.020	<1	1.16	0.006	0.03	0.2	0.06	1.7	<0.1	<0.05	4	1.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 01, 2011

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
134569	Soil	5.1	28.6	61.0	27	1.1	12.4	2.2	66	2.67	13.5	1.2	2.9	8.1	29	0.1	1.4	0.7	23	0.06	0.139
134571	Soil	3.0	266.1	7.7	81	0.3	45.7	27.8	527	4.46	22.7	1.1	5.6	4.1	25	0.2	0.8	0.2	34	0.23	0.163
134572	Soil	2.1	50.3	28.6	56	0.7	16.8	6.7	172	3.23	10.3	1.2	5.7	3.2	19	0.2	1.0	0.4	32	0.07	0.090
134573	Soil	1.3	60.7	5.2	42	<0.1	20.7	10.4	377	3.10	9.1	0.7	3.0	0.8	11	<0.1	0.6	0.1	45	0.07	0.054
134574	Soil	1.3	71.4	9.5	56	<0.1	27.7	18.5	584	2.84	39.8	0.8	7.2	0.8	10	0.2	0.7	0.1	46	0.07	0.052
134575	Soil	1.2	72.0	7.8	55	<0.1	34.9	16.9	389	2.80	19.2	1.0	5.3	2.2	12	0.3	0.7	0.1	42	0.18	0.083
134576	Soil	1.3	30.2	9.5	47	0.1	21.1	7.1	209	2.94	12.9	0.7	3.1	1.8	9	<0.1	0.7	0.2	39	0.05	0.034
134577	Soil	3.2	42.5	15.9	80	0.1	30.4	10.7	275	2.88	11.2	1.5	4.3	2.3	14	0.2	0.8	0.2	35	0.06	0.048
134578	Soil	0.7	26.9	21.9	47	<0.1	28.7	11.8	346	2.14	6.8	0.8	3.0	2.8	8	<0.1	0.5	0.2	26	0.07	0.028
134579	Soil	1.1	68.7	5.1	46	<0.1	57.9	20.7	959	3.42	3.0	0.3	2.9	2.2	16	0.1	0.3	<0.1	57	0.34	0.113



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 01, 2011

Page: 5 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
134569	Soil	46	19	0.16	63	0.003	<1	0.66	0.015	0.03	<0.1	0.06	1.5	<0.1	0.12	3	2.1	0.2
134571	Soil	29	39	0.75	206	0.060	<1	1.47	0.006	0.06	<0.1	0.06	2.0	<0.1	0.08	3	1.5	<0.2
134572	Soil	29	23	0.36	129	0.022	<1	0.96	0.006	0.05	<0.1	0.15	1.3	<0.1	0.16	3	2.4	<0.2
134573	Soil	8	23	0.45	119	0.084	<1	1.15	0.003	0.03	0.1	0.04	1.0	<0.1	0.07	4	0.9	<0.2
134574	Soil	8	47	0.58	55	0.045	1	1.46	0.003	0.03	0.2	0.03	1.7	<0.1	0.06	4	<0.5	<0.2
134575	Soil	11	37	0.56	90	0.047	<1	1.11	0.005	0.03	0.2	0.04	1.5	<0.1	<0.05	3	1.3	<0.2
134576	Soil	10	24	0.40	44	0.031	<1	1.18	0.004	0.03	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
134577	Soil	10	26	0.42	77	0.018	2	1.05	0.004	0.04	0.2	0.11	1.2	<0.1	0.08	3	0.8	<0.2
134578	Soil	9	18	0.37	48	0.032	<1	0.87	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	2	0.8	<0.2
134579	Soil	11	82	1.65	74	0.044	<1	1.91	0.003	0.04	<0.1	0.01	5.3	<0.1	<0.05	5	0.6	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.

203 - 680 3rd Ave.

Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE

Report Date: December 01, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
134483	Soil	4.8	28.3	21.6	62	0.3	13.7	4.4	145	3.05	19.0	1.7	4.2	2.8	12	0.1	1.6	0.3	49	0.05	0.088
REP 134483	QC	4.8	29.0	21.7	66	0.3	13.7	4.7	145	3.07	19.2	1.7	0.9	2.7	13	0.1	1.6	0.3	50	0.05	0.090
134500	Soil	1.1	20.0	16.9	53	<0.1	22.7	11.3	301	2.34	10.0	0.9	<0.5	8.0	10	0.1	0.6	0.2	32	0.12	0.049
REP 134500	QC	1.0	21.0	17.4	55	<0.1	24.6	11.8	301	2.46	10.2	0.9	0.8	8.0	10	0.2	0.7	0.2	33	0.13	0.052
134516	Soil	1.1	27.2	20.7	55	<0.1	23.6	11.8	356	2.61	11.4	0.8	1.2	9.7	8	0.2	0.7	0.3	38	0.07	0.029
REP 134516	QC	0.9	26.6	21.1	57	<0.1	23.5	11.7	350	2.56	11.3	0.8	1.9	9.6	8	0.2	0.7	0.2	37	0.06	0.029
134531	Soil	0.4	217.5	7.6	71	0.2	169.7	70.5	1696	4.52	8.0	0.5	2.1	1.9	15	0.4	0.3	<0.1	130	0.42	0.086
REP 134531	QC	0.4	220.2	7.7	75	0.3	172.0	69.5	1708	4.68	8.2	0.5	2.1	2.0	16	0.5	0.3	<0.1	134	0.45	0.086
134564	Soil	1.4	19.7	8.4	50	0.2	16.7	5.7	202	1.85	9.5	0.8	2.1	2.0	8	0.2	0.8	0.1	29	0.06	0.058
REP 134564	QC	1.3	18.9	7.8	47	0.2	16.6	5.6	191	1.75	9.0	0.8	3.1	1.9	7	0.2	0.8	0.1	27	0.06	0.057
Reference Materials																					
STD DS8	Standard	11.4	104.5	121.0	299	1.7	37.0	7.2	562	2.38	24.1	2.7	106.6	6.2	57	2.2	4.7	5.7	39	0.62	0.078
STD DS8	Standard	12.8	103.8	124.3	310	1.7	36.8	7.0	593	2.40	26.5	3.0	111.9	7.3	68	2.2	5.7	7.2	40	0.70	0.080
STD DS8	Standard	12.2	107.7	130.7	310	1.8	36.7	7.3	574	2.32	26.1	3.2	115.1	7.7	58	2.2	4.7	5.5	41	0.67	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 01, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11001874.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
134483	Soil	21	30	0.33	128	0.007	<1	1.31	0.004	0.03	0.2	0.07	1.4	0.1	<0.05	4	2.6	<0.2
REP 134483	QC	22	31	0.34	133	0.009	<1	1.33	0.004	0.04	0.1	0.05	1.6	0.1	<0.05	4	2.4	0.2
134500	Soil	15	23	0.46	135	0.029	<1	1.56	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.7	<0.2
REP 134500	QC	16	24	0.47	141	0.029	1	1.59	0.006	0.05	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
134516	Soil	19	24	0.40	120	0.021	1	1.66	0.005	0.06	0.2	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
REP 134516	QC	18	24	0.40	117	0.021	1	1.59	0.007	0.05	0.2	0.04	<0.1	<0.1	<0.05	4	<0.5	<0.2
134531	Soil	8	117	2.67	119	0.015	<1	3.52	0.003	0.02	<0.1	0.03	<0.1	<0.1	<0.05	9	<0.5	<0.2
REP 134531	QC	8	119	2.80	122	0.017	<1	3.60	0.003	0.02	<0.1	0.04	<0.1	<0.1	<0.05	9	<0.5	<0.2
134564	Soil	11	20	0.31	60	0.017	2	0.92	0.004	0.03	<0.1	0.06	1.5	<0.1	<0.05	3	1.5	<0.2
REP 134564	QC	9	18	0.29	55	0.016	<1	0.85	0.003	0.02	<0.1	0.06	1.2	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	12	106	0.64	253	0.100	2	0.84	0.090	0.38	2.9	0.17	1.7	5.2	0.16	4	4.5	4.9
STD DS8	Standard	16	112	0.61	282	0.110	2	0.92	0.108	0.44	2.9	0.20	<0.1	5.4	0.15	5	5.0	5.4
STD DS8	Standard	14	113	0.59	273	0.110	2	0.87	0.085	0.40	2.8	0.20	2.2	5.3	0.16	5	4.8	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Submitted By: Mark Fekete
Receiving Lab: Canada-Whitehorse
Received: September 25, 2011
Report Date: December 09, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS

WHI11001874.2

CLIENT JOB INFORMATION

Project: KEYNOTE
Shipment ID: 20110918183854
P.O. Number
Number of Samples: 100

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5
Canada

CC: Lauren Wilson

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include SS80, Dry at 60C, and 1DX2.

ADDITIONAL COMMENTS

Version 2: Revised 1DX2 Sc



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 09, 2011

Page: 2 of 5 **Part** 1

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	0.001
134398	Soil	0.6	18.3	36.1	56	0.1	24.9	9.6	1127	2.05	10.8	0.9	5.2	12.5	7	0.3	1.8	0.1	19	0.09	0.037
134477	Soil	3.3	32.3	20.0	81	0.7	9.2	2.1	106	3.10	15.8	2.2	4.2	9.3	13	<0.1	1.7	0.3	46	0.02	0.058
134478	Soil	3.3	59.3	25.2	77	0.6	13.7	4.4	151	2.86	16.3	3.3	4.5	1.0	16	0.2	1.8	0.4	47	0.05	0.104
134479	Soil	3.8	45.0	20.9	100	0.5	16.1	5.8	181	3.27	20.1	2.3	3.9	3.6	15	0.2	1.9	0.3	48	0.06	0.083
134480	Soil	8.2	27.4	23.3	50	1.0	5.8	1.4	38	2.12	19.1	3.8	4.3	0.6	15	0.1	2.8	0.3	32	0.02	0.173
134481	Soil	3.1	28.0	15.1	65	0.2	18.0	7.7	279	3.03	15.5	1.6	2.4	4.2	13	0.2	1.5	0.2	42	0.11	0.090
134483	Soil	4.8	28.3	21.6	62	0.3	13.7	4.4	145	3.05	19.0	1.7	4.2	2.8	12	0.1	1.6	0.3	49	0.05	0.088
134484	Soil	2.9	53.7	19.3	48	0.3	9.0	1.8	37	2.66	10.0	3.6	2.5	0.9	11	0.5	1.0	0.3	27	0.02	0.096
134485	Soil	1.1	25.1	19.3	61	<0.1	27.2	11.2	308	2.86	11.2	1.4	1.4	6.0	7	0.1	0.6	0.2	33	0.06	0.035
134486	Soil	3.1	74.4	45.5	92	<0.1	47.4	19.0	546	4.59	10.4	3.9	2.1	8.5	7	0.2	0.9	0.5	23	0.04	0.047
134487	Soil	1.0	19.1	16.0	50	<0.1	21.3	10.7	297	2.47	11.7	1.2	2.3	5.8	9	0.2	0.6	0.2	41	0.08	0.032
134488	Soil	1.7	26.8	16.9	70	0.1	19.7	9.9	367	2.65	11.9	1.3	1.3	3.2	13	<0.1	0.7	0.2	43	0.12	0.067
134489	Soil	0.7	38.3	23.2	83	<0.1	39.2	29.7	753	3.64	18.2	1.3	<0.5	7.1	5	0.2	0.6	0.2	24	0.04	0.030
134490	Soil	1.1	16.5	25.3	57	<0.1	19.3	9.3	319	2.71	12.8	0.9	<0.5	1.6	9	0.3	0.5	0.2	40	0.09	0.058
134491	Soil	1.3	17.9	23.3	38	<0.1	13.0	5.4	171	2.66	13.0	0.9	3.7	5.4	8	<0.1	0.6	0.2	40	0.05	0.028
134492	Soil	1.1	27.7	18.8	68	<0.1	18.7	9.6	335	2.66	18.5	1.4	2.8	4.8	15	0.2	0.8	0.2	35	0.11	0.060
134493	Soil	7.3	21.2	24.7	51	0.8	6.9	1.9	168	2.00	27.2	2.5	5.7	4.4	37	0.2	1.1	0.2	17	0.10	0.087
134494	Soil	1.1	24.4	15.2	56	<0.1	22.8	9.6	253	2.56	12.0	1.1	1.4	5.7	10	0.2	0.7	0.2	39	0.09	0.040
134495	Soil	1.0	24.7	21.5	55	0.2	21.4	9.7	186	2.89	12.7	1.3	1.8	5.8	12	0.1	0.7	0.2	36	0.05	0.039
134496	Soil	1.3	16.0	22.2	46	<0.1	17.6	8.3	192	2.72	12.8	0.8	<0.5	5.0	9	0.2	0.6	0.2	40	0.09	0.048
134497	Soil	1.3	20.5	24.0	55	<0.1	24.4	11.6	199	2.61	11.6	1.1	<0.5	7.9	7	0.2	0.7	0.2	42	0.06	0.026
134498	Soil	0.8	29.8	48.2	69	0.1	29.6	16.1	825	2.53	7.6	1.1	2.6	15.3	7	<0.1	0.7	0.4	10	0.10	0.029
134499	Soil	0.4	32.8	33.9	70	0.1	37.2	16.5	738	3.29	7.2	1.1	2.3	21.4	26	0.1	0.6	0.3	3	1.15	0.047
134500	Soil	1.1	20.0	16.9	53	<0.1	22.7	11.3	301	2.34	10.0	0.9	<0.5	8.0	10	0.1	0.6	0.2	32	0.12	0.049
134501	Soil	0.7	21.8	27.2	60	<0.1	23.7	9.7	380	2.25	8.7	0.8	<0.5	7.4	8	0.1	0.5	0.1	29	0.10	0.042
134502	Soil	0.8	30.0	26.0	64	<0.1	28.0	12.5	432	2.93	6.5	1.0	3.8	6.9	7	<0.1	0.4	0.2	27	0.10	0.048
134503	Soil	0.8	23.0	17.7	57	<0.1	22.5	12.0	409	2.40	10.1	0.9	0.7	6.9	8	0.2	0.5	0.2	32	0.10	0.044
134504	Soil	0.8	13.9	19.3	42	<0.1	12.9	5.3	155	2.26	9.5	0.7	2.3	2.6	6	<0.1	0.4	0.2	38	0.06	0.037
134505	Soil	0.9	19.6	20.9	56	<0.1	19.1	8.1	223	2.66	10.5	0.8	1.2	3.1	7	0.1	0.5	0.2	38	0.08	0.045
134506	Soil	0.7	27.7	18.3	63	<0.1	24.9	10.5	387	2.42	9.6	0.8	2.2	7.5	10	0.2	0.7	0.2	30	0.12	0.036



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 2 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134398	Soil	26	15	0.22	200	0.012	2	1.06	0.005	0.09	<0.1	0.05	2.2	<0.1	<0.05	2	0.8	<0.2
134477	Soil	35	27	0.37	121	0.004	1	1.10	0.003	0.03	<0.1	0.08	1.7	<0.1	<0.05	4	2.6	<0.2
134478	Soil	23	28	0.31	203	0.006	2	1.33	0.004	0.04	0.1	0.15	1.0	<0.1	<0.05	5	2.5	<0.2
134479	Soil	18	28	0.37	138	0.009	<1	1.50	0.004	0.04	0.1	0.09	1.7	0.1	<0.05	4	3.2	<0.2
134480	Soil	18	20	0.14	106	0.003	1	0.84	0.003	0.03	<0.1	0.16	0.5	<0.1	0.05	2	2.3	<0.2
134481	Soil	14	28	0.42	153	0.017	1	1.47	0.005	0.04	0.2	0.06	2.1	<0.1	<0.05	4	1.9	<0.2
134483	Soil	21	30	0.33	128	0.007	<1	1.31	0.004	0.03	0.2	0.07	1.4	0.1	<0.05	4	2.6	<0.2
134484	Soil	9	25	0.08	96	0.004	<1	0.98	0.003	0.02	<0.1	0.09	1.0	<0.1	<0.05	3	1.9	<0.2
134485	Soil	13	23	0.35	85	0.020	<1	1.25	0.005	0.04	0.2	0.04	1.8	<0.1	<0.05	4	0.9	<0.2
134486	Soil	17	18	0.44	87	0.009	1	1.47	0.003	0.03	<0.1	0.06	3.0	<0.1	<0.05	3	0.6	<0.2
134487	Soil	13	25	0.43	143	0.035	1	1.71	0.006	0.05	0.2	0.03	3.0	<0.1	<0.05	4	0.9	<0.2
134488	Soil	13	25	0.43	158	0.023	1	1.62	0.006	0.05	0.2	0.06	2.3	0.1	<0.05	4	0.7	<0.2
134489	Soil	16	26	0.70	83	0.011	<1	1.93	0.004	0.03	<0.1	0.03	1.8	<0.1	<0.05	5	<0.5	<0.2
134490	Soil	12	24	0.38	99	0.017	<1	1.47	0.006	0.04	0.2	0.04	1.4	0.1	<0.05	4	<0.5	<0.2
134491	Soil	13	21	0.29	74	0.018	<1	1.32	0.004	0.04	0.2	0.07	1.6	0.1	<0.05	5	0.5	<0.2
134492	Soil	14	22	0.41	181	0.021	2	1.39	0.005	0.05	0.2	0.08	2.4	0.2	<0.05	4	<0.5	<0.2
134493	Soil	12	13	0.39	121	0.001	<1	0.68	0.003	0.05	<0.1	0.19	1.0	<0.1	0.10	2	1.6	<0.2
134494	Soil	12	25	0.42	116	0.031	1	1.65	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.6	<0.2
134495	Soil	12	24	0.40	96	0.028	1	1.70	0.006	0.05	0.2	0.03	2.4	<0.1	<0.05	4	0.7	<0.2
134496	Soil	10	25	0.34	83	0.022	<1	1.78	0.005	0.04	0.2	0.04	2.3	0.1	<0.05	4	0.6	<0.2
134497	Soil	15	25	0.35	101	0.024	1	1.66	0.004	0.04	0.2	0.07	2.1	0.1	<0.05	5	0.5	<0.2
134498	Soil	30	9	0.23	147	0.009	<1	0.75	0.004	0.04	<0.1	0.05	2.1	<0.1	<0.05	2	<0.5	<0.2
134499	Soil	36	6	0.12	100	0.004	<1	0.55	0.004	0.04	<0.1	0.07	3.0	<0.1	<0.05	<1	<0.5	<0.2
134500	Soil	15	23	0.46	135	0.029	<1	1.56	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.7	<0.2
134501	Soil	26	20	0.47	122	0.023	<1	1.32	0.005	0.05	0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
134502	Soil	27	22	0.51	139	0.014	<1	1.44	0.004	0.04	0.1	0.03	1.6	<0.1	<0.05	4	1.0	<0.2
134503	Soil	15	22	0.44	126	0.021	1	1.41	0.005	0.04	0.2	0.02	2.1	<0.1	<0.05	4	0.7	<0.2
134504	Soil	14	19	0.32	66	0.019	<1	1.25	0.004	0.03	0.1	0.03	1.3	0.1	<0.05	5	<0.5	<0.2
134505	Soil	19	24	0.41	79	0.017	<1	1.34	0.004	0.04	0.2	0.02	1.4	<0.1	<0.05	5	0.6	<0.2
134506	Soil	19	20	0.45	167	0.027	<1	1.12	0.009	0.05	0.2	0.03	2.6	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 3 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
134507	Soil	0.7	32.2	36.7	72	<0.1	31.5	16.4	771	2.75	10.2	1.1	2.7	12.8	9	0.2	1.0	0.2	22	0.11	0.038
134508	Soil	1.0	32.8	20.3	63	<0.1	28.4	13.9	627	2.83	13.1	1.3	1.0	10.6	10	0.1	0.7	0.2	33	0.12	0.049
134509	Soil	1.4	32.8	18.8	73	0.1	28.4	9.1	427	4.73	11.0	0.6	1.1	12.7	4	<0.1	0.3	0.2	27	0.04	0.049
134510	Soil	0.9	27.2	21.7	59	<0.1	26.3	12.1	408	2.69	10.6	0.8	2.1	9.5	10	0.2	0.8	0.2	34	0.12	0.045
134511	Soil	0.9	23.7	17.4	57	<0.1	22.6	8.9	291	2.44	9.0	0.8	2.6	7.3	12	0.1	0.6	0.2	29	0.17	0.049
134512	Soil	0.9	37.1	19.5	78	<0.1	30.0	13.3	592	2.87	11.5	1.4	2.6	8.5	16	0.1	0.9	0.2	35	0.16	0.042
134513	Soil	0.9	45.5	28.8	71	<0.1	38.5	18.9	1643	3.29	11.6	1.0	3.4	14.8	10	0.2	0.8	0.3	26	0.10	0.044
134514	Soil	1.0	30.9	18.8	60	<0.1	25.5	12.3	464	2.79	10.3	1.1	2.3	9.5	10	<0.1	0.7	0.3	34	0.09	0.038
134515	Soil	0.9	29.7	17.6	60	<0.1	26.2	12.9	436	2.73	9.4	1.0	2.0	9.8	10	<0.1	0.8	0.3	32	0.10	0.039
134516	Soil	1.1	27.2	20.7	55	<0.1	23.6	11.8	356	2.61	11.4	0.8	1.2	9.7	8	0.2	0.7	0.3	38	0.07	0.029
134517	Soil	0.8	31.7	17.9	57	<0.1	27.4	13.6	369	2.78	12.1	1.3	1.3	9.0	11	0.1	0.8	0.2	39	0.11	0.047
134518	Soil	0.7	29.2	15.1	56	<0.1	24.8	10.9	347	2.50	11.2	1.1	2.8	8.7	10	<0.1	0.8	0.2	37	0.09	0.027
134519	Soil	1.0	24.8	22.3	60	<0.1	25.4	11.6	267	2.96	12.3	0.7	0.8	11.1	7	0.1	0.5	0.3	33	0.05	0.028
134520	Soil	0.8	32.9	23.3	62	<0.1	29.1	13.9	664	2.64	10.5	1.2	1.7	9.0	10	0.1	0.5	0.3	28	0.12	0.042
134521	Soil	0.7	36.6	24.2	83	0.1	30.8	13.3	580	3.35	9.8	2.8	8.1	14.2	20	<0.1	11.1	0.4	17	0.25	0.045
134522	Soil	1.4	36.6	14.5	81	0.4	29.1	10.2	211	2.44	39.1	1.1	10.6	8.6	21	0.6	3.0	0.3	35	0.24	0.120
134523	Soil	1.5	19.5	16.8	49	0.5	13.9	4.6	164	1.96	44.3	1.1	37.1	6.5	20	0.3	2.5	0.2	28	0.10	0.083
134524	Soil	1.9	23.3	23.7	84	0.5	18.4	5.3	123	2.35	79.6	1.4	37.4	5.3	25	0.6	4.7	0.4	35	0.13	0.143
134525	Soil	1.2	26.8	9.9	67	0.2	25.0	8.6	284	2.42	19.8	1.2	10.4	3.9	17	0.3	1.4	0.2	43	0.18	0.081
134526	Soil	1.1	32.3	38.1	38	0.4	16.3	5.0	147	1.65	30.2	1.0	0.8	5.7	9	0.3	0.9	0.2	29	0.06	0.036
134527	Soil	0.9	14.9	14.0	12	0.3	9.1	1.0	38	0.79	19.0	1.0	<0.5	8.2	8	<0.1	1.3	0.3	13	<0.01	0.027
134528	Soil	1.0	117.2	7.1	66	0.1	50.5	21.1	446	2.73	13.2	1.5	12.1	3.7	14	0.3	0.8	0.3	43	0.17	0.097
134529	Soil	1.4	71.2	13.0	81	<0.1	39.7	13.6	396	2.79	13.7	1.3	36.4	4.6	13	0.2	0.8	0.3	45	0.16	0.077
134530	Soil	1.4	62.3	7.8	72	0.1	36.6	16.8	511	2.95	12.6	1.6	11.4	2.2	16	0.3	0.9	0.2	47	0.22	0.106
134531	Soil	0.4	217.5	7.6	71	0.2	169.7	70.5	1696	4.52	8.0	0.5	2.1	1.9	15	0.4	0.3	<0.1	130	0.42	0.086
134532	Soil	0.6	94.4	5.9	54	<0.1	61.2	16.6	359	2.02	6.7	0.9	7.5	3.8	16	0.2	0.5	<0.1	47	0.25	0.081
134533	Soil	0.8	86.6	6.9	56	<0.1	34.6	11.3	267	1.93	8.5	0.8	3.7	3.6	15	0.2	0.6	0.1	38	0.20	0.068
134534	Soil	0.8	66.9	7.1	55	<0.1	42.0	13.6	343	2.06	6.9	0.5	1.9	3.5	17	0.2	0.6	0.1	43	0.34	0.076
134535	Soil	1.7	19.2	10.9	56	<0.1	18.5	7.5	371	2.42	10.9	0.6	1.8	0.4	9	0.1	0.9	0.3	63	0.08	0.039
134536	Soil	0.8	101.1	6.8	53	<0.1	66.0	17.2	445	2.34	10.2	0.9	7.8	3.3	19	0.1	0.7	0.1	49	0.27	0.074

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 3 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	
134507	Soil	29	17	0.41	144	0.020	<1	1.01	0.006	0.04	<0.1	0.03	2.4	<0.1	<0.05	3	<0.5	<0.2
134508	Soil	21	24	0.50	165	0.025	1	1.54	0.006	0.06	0.1	0.03	3.2	<0.1	<0.05	4	1.0	<0.2
134509	Soil	24	23	0.51	58	0.007	<1	1.51	0.003	0.04	<0.1	0.02	1.3	<0.1	<0.05	6	<0.5	<0.2
134510	Soil	18	22	0.43	123	0.027	<1	1.37	0.005	0.05	0.2	0.02	2.2	<0.1	<0.05	3	<0.5	<0.2
134511	Soil	22	20	0.43	121	0.018	<1	1.26	0.005	0.05	0.1	0.02	1.9	<0.1	<0.05	4	<0.5	<0.2
134512	Soil	25	23	0.49	361	0.024	<1	1.35	0.007	0.06	0.1	0.04	3.9	<0.1	<0.05	4	<0.5	<0.2
134513	Soil	28	25	0.53	128	0.020	2	1.76	0.005	0.07	0.1	0.04	2.6	<0.1	<0.05	4	0.5	<0.2
134514	Soil	25	23	0.46	159	0.022	2	1.65	0.005	0.06	0.1	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
134515	Soil	27	23	0.44	163	0.025	1	1.44	0.005	0.05	0.1	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2
134516	Soil	19	24	0.40	120	0.021	1	1.66	0.005	0.06	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
134517	Soil	23	27	0.43	177	0.027	1	1.71	0.008	0.05	0.2	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
134518	Soil	19	24	0.44	145	0.037	1	1.54	0.006	0.06	0.2	0.06	3.0	<0.1	<0.05	4	<0.5	<0.2
134519	Soil	25	23	0.44	83	0.018	<1	1.70	0.004	0.05	0.1	0.02	1.7	<0.1	<0.05	4	<0.5	<0.2
134520	Soil	28	21	0.43	141	0.020	<1	1.39	0.004	0.05	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
134521	Soil	34	19	0.42	100	0.004	<1	1.29	0.003	0.06	<0.1	0.04	2.3	<0.1	<0.05	3	<0.5	<0.2
134522	Soil	30	26	0.30	149	0.027	<1	1.31	0.006	0.04	0.1	0.04	2.9	<0.1	<0.05	3	0.6	<0.2
134523	Soil	22	19	0.19	88	0.021	<1	0.96	0.009	0.03	0.1	0.04	2.2	<0.1	<0.05	3	0.6	<0.2
134524	Soil	29	30	0.24	105	0.016	<1	1.38	0.013	0.04	0.2	0.04	2.7	<0.1	<0.05	5	1.2	<0.2
134525	Soil	17	24	0.35	103	0.041	1	1.22	0.006	0.04	0.3	0.04	2.4	<0.1	<0.05	4	0.6	<0.2
134526	Soil	18	39	0.36	47	0.018	<1	0.88	0.004	0.02	<0.1	0.03	2.3	<0.1	<0.05	3	1.0	<0.2
134527	Soil	24	18	0.14	18	<0.001	<1	0.58	0.003	0.01	<0.1	0.02	1.3	<0.1	<0.05	2	0.7	<0.2
134528	Soil	25	34	0.50	62	0.035	<1	1.21	0.006	0.03	0.2	0.04	2.1	<0.1	<0.05	3	0.6	<0.2
134529	Soil	31	30	0.52	62	0.037	1	1.27	0.005	0.03	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
134530	Soil	27	31	0.51	99	0.035	<1	1.36	0.005	0.05	0.3	0.05	1.9	<0.1	<0.05	4	0.5	<0.2
134531	Soil	8	117	2.67	119	0.015	<1	3.52	0.003	0.02	<0.1	0.03	13.4	<0.1	<0.05	9	<0.5	<0.2
134532	Soil	12	83	0.70	138	0.052	<1	1.27	0.004	0.03	0.2	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
134533	Soil	13	40	0.49	132	0.044	<1	1.29	0.005	0.04	0.2	0.03	3.1	<0.1	<0.05	3	<0.5	<0.2
134534	Soil	12	85	0.71	134	0.040	<1	1.33	0.007	0.05	0.1	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
134535	Soil	11	30	0.28	163	0.021	1	1.47	0.004	0.03	0.2	0.04	1.1	0.2	<0.05	6	<0.5	<0.2
134536	Soil	12	76	0.72	110	0.052	1	1.39	0.004	0.03	0.3	0.06	2.6	<0.1	<0.05	3	<0.5	<0.2

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 4 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
134537	Soil		1.3	32.9	9.4	60	<0.1	31.6	9.9	302	2.69	11.9	0.8	3.8	2.7	11	0.3	0.9	0.2	55	0.12	0.030
134538	Soil		1.2	33.1	7.7	65	<0.1	32.9	10.6	375	2.67	11.3	0.9	38.4	1.5	12	0.3	0.7	0.2	56	0.16	0.052
134539	Soil		1.5	124.0	10.3	86	0.2	46.6	20.0	573	2.85	14.4	1.6	27.4	5.0	11	0.3	1.0	0.2	51	0.14	0.057
134540	Soil		1.5	101.9	10.0	85	0.1	47.3	19.1	571	2.61	12.9	1.4	29.2	4.6	13	0.4	1.0	0.2	46	0.16	0.072
134541	Soil		1.1	44.9	7.3	58	<0.1	28.9	10.0	327	2.41	9.5	1.0	6.8	3.3	14	0.3	0.8	0.2	50	0.20	0.064
134542	Soil		0.8	63.7	6.7	59	<0.1	28.6	11.7	379	2.65	10.5	0.8	5.5	3.7	15	0.3	0.8	0.1	59	0.23	0.067
134543	Soil		1.0	89.4	6.6	71	<0.1	33.2	15.2	462	3.05	10.5	0.9	13.3	3.5	16	0.4	0.6	0.1	69	0.30	0.089
134544	Soil		0.8	87.7	6.1	68	<0.1	33.5	13.5	426	2.58	9.5	1.1	8.3	3.9	18	0.3	0.6	0.1	54	0.30	0.086
134545	Soil		0.9	76.0	6.8	73	0.1	29.1	11.7	381	2.53	8.8	1.0	5.0	4.2	20	0.4	0.7	0.1	53	0.29	0.084
134546	Soil		1.1	41.4	6.6	57	0.1	20.4	8.1	229	2.15	7.2	1.0	5.2	4.0	15	0.2	0.6	0.2	45	0.23	0.082
134547	Soil		1.1	27.0	7.4	54	<0.1	21.6	9.1	323	2.41	9.1	0.8	5.4	3.2	12	0.2	0.7	0.1	49	0.17	0.059
134548	Soil		0.7	22.2	4.8	47	<0.1	32.3	11.4	238	2.09	11.7	1.3	1.6	7.3	15	0.2	0.9	<0.1	37	0.21	0.087
134549	Soil		0.5	7.7	4.7	20	<0.1	8.3	3.2	153	0.96	6.1	0.4	<0.5	1.0	4	<0.1	0.3	<0.1	17	0.03	0.021
134550	Soil		1.0	14.7	13.4	13	0.3	6.6	2.5	62	1.09	7.9	0.8	1.1	4.2	6	<0.1	0.8	0.2	21	0.02	0.026
134551	Soil		1.1	21.3	12.7	45	0.3	15.6	5.4	204	1.94	11.3	1.4	2.7	2.7	9	0.2	0.6	0.2	35	0.07	0.057
134553	Soil		1.5	43.4	7.1	48	0.2	18.6	8.8	254	1.90	21.2	1.6	1.6	2.5	12	0.2	0.7	0.1	38	0.10	0.123
134554	Soil		1.7	30.2	18.0	67	0.3	22.2	7.8	258	2.59	13.7	1.1	5.8	3.8	11	0.3	1.0	0.2	23	0.08	0.072
134555	Soil		1.7	30.5	17.6	60	0.3	19.5	6.7	228	2.37	17.6	1.3	5.3	2.9	12	0.1	1.8	0.2	25	0.08	0.071
134556	Soil		1.6	46.6	36.7	83	0.1	33.4	13.9	792	3.61	29.9	1.8	5.9	4.5	15	0.2	1.4	0.3	15	0.08	0.064
134557	Soil		3.2	92.4	40.2	119	0.4	46.5	17.7	921	5.01	30.7	2.3	8.3	4.2	31	0.5	2.1	0.4	25	0.21	0.094
134558	Soil		0.9	262.8	5.7	79	0.1	27.8	17.1	542	3.09	7.2	0.8	11.7	2.8	13	0.3	0.4	<0.1	47	0.21	0.100
134559	Soil		1.0	69.3	6.5	61	0.1	19.7	8.7	274	2.64	9.0	0.9	7.2	4.3	17	0.3	0.6	0.1	41	0.24	0.095
134560	Soil		0.5	58.7	5.7	65	<0.1	41.7	18.2	901	3.53	5.2	0.4	4.3	1.9	21	0.2	0.4	<0.1	53	0.35	0.157
134561	Soil		1.4	22.0	21.6	70	0.2	20.7	7.1	252	2.59	15.8	0.7	5.3	3.4	16	0.3	1.2	0.2	31	0.14	0.077
134562	Soil		1.2	22.2	12.0	56	0.2	14.0	5.8	243	2.47	21.7	0.9	8.6	3.7	11	0.2	1.4	0.1	31	0.12	0.097
134563	Soil		3.1	22.6	9.7	67	0.2	19.9	7.5	243	1.85	14.9	0.8	6.0	3.2	9	0.3	1.0	0.1	37	0.08	0.065
134564	Soil		1.4	19.7	8.4	50	0.2	16.7	5.7	202	1.85	9.5	0.8	2.1	2.0	8	0.2	0.8	0.1	29	0.06	0.058
134565	Soil		0.9	10.6	5.8	13	0.1	3.8	1.4	43	1.26	9.8	0.5	1.8	2.8	3	<0.1	0.4	<0.1	22	0.01	0.018
134567	Soil		0.8	17.4	7.4	35	0.3	12.5	3.5	140	3.19	29.3	1.1	6.0	5.7	9	0.4	1.6	<0.1	45	0.08	0.071
134568	Soil		1.5	26.2	12.3	62	0.2	21.5	7.2	220	2.47	11.0	0.9	3.3	3.4	14	0.3	0.8	0.2	36	0.09	0.077



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Breakaway Expl. Mgmt. Inc.
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 09, 2011

Page: 4 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	0.2	0.2
134537	Soil	14	43	0.47	174	0.041	<1	1.48	0.005	0.04	0.5	0.03	2.3	0.1	<0.05	4	0.6	<0.2
134538	Soil	16	54	0.52	110	0.044	1	1.47	0.005	0.04	0.5	0.08	1.9	0.1	<0.05	4	0.8	<0.2
134539	Soil	14	40	0.55	117	0.048	1	1.54	0.005	0.04	0.3	0.05	3.6	0.1	<0.05	4	0.7	<0.2
134540	Soil	14	37	0.50	93	0.038	2	1.40	0.004	0.04	0.4	0.05	2.8	0.1	<0.05	3	<0.5	<0.2
134541	Soil	15	36	0.49	96	0.050	<1	1.36	0.006	0.03	0.5	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2
134542	Soil	15	29	0.48	144	0.063	<1	1.34	0.005	0.04	0.4	0.04	2.6	<0.1	<0.05	4	<0.5	<0.2
134543	Soil	14	34	0.68	153	0.075	<1	1.57	0.005	0.04	0.2	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
134544	Soil	15	36	0.58	180	0.062	<1	1.35	0.005	0.04	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
134545	Soil	15	33	0.56	231	0.067	<1	1.34	0.007	0.05	0.2	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
134546	Soil	17	27	0.43	112	0.048	<1	1.36	0.005	0.04	0.3	0.04	2.8	0.1	<0.05	4	<0.5	<0.2
134547	Soil	14	26	0.40	93	0.050	<1	1.25	0.004	0.04	0.2	0.04	1.9	<0.1	<0.05	4	<0.5	<0.2
134548	Soil	32	23	0.25	64	0.035	<1	0.89	0.005	0.03	0.3	0.04	2.4	<0.1	<0.05	3	0.7	<0.2
134549	Soil	4	9	0.14	25	0.018	<1	0.52	0.002	0.02	0.1	0.01	0.8	<0.1	<0.05	1	<0.5	<0.2
134550	Soil	4	16	0.10	49	0.009	<1	0.63	0.003	0.01	<0.1	0.08	1.2	<0.1	<0.05	4	0.7	<0.2
134551	Soil	10	22	0.30	69	0.020	<1	1.16	0.004	0.03	0.2	0.05	2.5	<0.1	<0.05	4	<0.5	<0.2
134553	Soil	24	25	0.35	47	0.023	<1	1.00	0.004	0.02	0.1	0.06	1.8	<0.1	<0.05	3	1.1	<0.2
134554	Soil	13	16	0.31	60	0.011	<1	0.98	0.004	0.03	<0.1	0.05	1.3	<0.1	<0.05	3	1.3	<0.2
134555	Soil	10	15	0.26	56	0.014	1	0.92	0.004	0.02	0.1	0.08	1.4	<0.1	<0.05	3	1.2	<0.2
134556	Soil	9	13	0.31	74	0.004	<1	0.93	0.004	0.03	<0.1	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
134557	Soil	8	19	0.34	104	0.005	<1	1.03	0.006	0.03	<0.1	0.07	2.2	<0.1	0.05	3	2.4	<0.2
134558	Soil	10	20	0.57	117	0.056	<1	1.25	0.004	0.04	0.2	0.05	2.1	<0.1	<0.05	3	<0.5	<0.2
134559	Soil	14	20	0.45	153	0.049	<1	0.97	0.007	0.03	0.1	0.03	2.1	<0.1	<0.05	3	<0.5	<0.2
134560	Soil	11	50	1.19	87	0.028	<1	1.89	0.003	0.02	<0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
134561	Soil	10	16	0.31	106	0.031	<1	0.86	0.027	0.05	0.2	0.03	1.9	0.1	0.12	3	0.8	<0.2
134562	Soil	12	17	0.27	85	0.031	<1	0.90	0.005	0.03	0.3	0.07	1.8	0.1	<0.05	3	0.6	<0.2
134563	Soil	10	19	0.30	71	0.025	<1	1.00	0.004	0.03	0.3	0.11	1.4	<0.1	<0.05	3	1.0	<0.2
134564	Soil	11	20	0.31	60	0.017	2	0.92	0.004	0.03	<0.1	0.06	1.5	<0.1	<0.05	3	1.5	<0.2
134565	Soil	3	16	0.06	27	0.008	<1	0.43	0.003	0.01	<0.1	0.03	1.6	<0.1	<0.05	3	<0.5	<0.2
134567	Soil	8	31	0.18	84	0.015	<1	0.80	0.004	0.02	<0.1	0.03	3.5	<0.1	<0.05	6	0.7	<0.2
134568	Soil	17	22	0.40	81	0.020	<1	1.16	0.006	0.03	0.2	0.06	1.7	<0.1	<0.05	4	1.5	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 5 of 5 Part 1

CERTIFICATE OF ANALYSIS

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
134569	Soil	5.1	28.6	61.0	27	1.1	12.4	2.2	66	2.67	13.5	1.2	2.9	8.1	29	0.1	1.4	0.7	23	0.06	0.139	
134571	Soil	3.0	266.1	7.7	81	0.3	45.7	27.8	527	4.46	22.7	1.1	5.6	4.1	25	0.2	0.8	0.2	34	0.23	0.163	
134572	Soil	2.1	50.3	28.6	56	0.7	16.8	6.7	172	3.23	10.3	1.2	5.7	3.2	19	0.2	1.0	0.4	32	0.07	0.090	
134573	Soil	1.3	60.7	5.2	42	<0.1	20.7	10.4	377	3.10	9.1	0.7	3.0	0.8	11	<0.1	0.6	0.1	45	0.07	0.054	
134574	Soil	1.3	71.4	9.5	56	<0.1	27.7	18.5	584	2.84	39.8	0.8	7.2	0.8	10	0.2	0.7	0.1	46	0.07	0.052	
134575	Soil	1.2	72.0	7.8	55	<0.1	34.9	16.9	389	2.80	19.2	1.0	5.3	2.2	12	0.3	0.7	0.1	42	0.18	0.083	
134576	Soil	1.3	30.2	9.5	47	0.1	21.1	7.1	209	2.94	12.9	0.7	3.1	1.8	9	<0.1	0.7	0.2	39	0.05	0.034	
134577	Soil	3.2	42.5	15.9	80	0.1	30.4	10.7	275	2.88	11.2	1.5	4.3	2.3	14	0.2	0.8	0.2	35	0.06	0.048	
134578	Soil	0.7	26.9	21.9	47	<0.1	28.7	11.8	346	2.14	6.8	0.8	3.0	2.8	8	<0.1	0.5	0.2	26	0.07	0.028	
134579	Soil	1.1	68.7	5.1	46	<0.1	57.9	20.7	959	3.42	3.0	0.3	2.9	2.2	16	0.1	0.3	<0.1	57	0.34	0.113	



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 5 of 5 Part 2

CERTIFICATE OF ANALYSIS

WHI11001874.2

	Method	1DX15																
		Analyte																
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
134569	Soil	46	19	0.16	63	0.003	<1	0.66	0.015	0.03	<0.1	0.06	1.5	<0.1	0.12	3	2.1	0.2
134571	Soil	29	39	0.75	206	0.060	<1	1.47	0.006	0.06	<0.1	0.06	2.0	<0.1	0.08	3	1.5	<0.2
134572	Soil	29	23	0.36	129	0.022	<1	0.96	0.006	0.05	<0.1	0.15	1.3	<0.1	0.16	3	2.4	<0.2
134573	Soil	8	23	0.45	119	0.084	<1	1.15	0.003	0.03	0.1	0.04	1.0	<0.1	0.07	4	0.9	<0.2
134574	Soil	8	47	0.58	55	0.045	1	1.46	0.003	0.03	0.2	0.03	1.7	<0.1	0.06	4	<0.5	<0.2
134575	Soil	11	37	0.56	90	0.047	<1	1.11	0.005	0.03	0.2	0.04	1.5	<0.1	<0.05	3	1.3	<0.2
134576	Soil	10	24	0.40	44	0.031	<1	1.18	0.004	0.03	0.1	0.03	1.2	<0.1	<0.05	4	<0.5	<0.2
134577	Soil	10	26	0.42	77	0.018	2	1.05	0.004	0.04	0.2	0.11	1.2	<0.1	0.08	3	0.8	<0.2
134578	Soil	9	18	0.37	48	0.032	<1	0.87	0.004	0.03	0.1	0.03	1.3	<0.1	<0.05	2	0.8	<0.2
134579	Soil	11	82	1.65	74	0.044	<1	1.91	0.003	0.04	<0.1	0.01	5.3	<0.1	<0.05	5	0.6	<0.2



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
 203 - 680 3rd Ave.
 Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
 Report Date: December 09, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
134483	Soil	4.8	28.3	21.6	62	0.3	13.7	4.4	145	3.05	19.0	1.7	4.2	2.8	12	0.1	1.6	0.3	49	0.05	0.088
REP 134483	QC	4.8	29.0	21.7	66	0.3	13.7	4.7	145	3.07	19.2	1.7	0.9	2.7	13	0.1	1.6	0.3	50	0.05	0.090
134500	Soil	1.1	20.0	16.9	53	<0.1	22.7	11.3	301	2.34	10.0	0.9	<0.5	8.0	10	0.1	0.6	0.2	32	0.12	0.049
REP 134500	QC	1.0	21.0	17.4	55	<0.1	24.6	11.8	301	2.46	10.2	0.9	0.8	8.0	10	0.2	0.7	0.2	33	0.13	0.052
134516	Soil	1.1	27.2	20.7	55	<0.1	23.6	11.8	356	2.61	11.4	0.8	1.2	9.7	8	0.2	0.7	0.3	38	0.07	0.029
REP 134516	QC	0.9	26.6	21.1	57	<0.1	23.5	11.7	350	2.56	11.3	0.8	1.9	9.6	8	0.2	0.7	0.2	37	0.06	0.029
134531	Soil	0.4	217.5	7.6	71	0.2	169.7	70.5	1696	4.52	8.0	0.5	2.1	1.9	15	0.4	0.3	<0.1	130	0.42	0.086
REP 134531	QC	0.4	220.2	7.7	75	0.3	172.0	69.5	1708	4.68	8.2	0.5	2.1	2.0	16	0.5	0.3	<0.1	134	0.45	0.086
134564	Soil	1.4	19.7	8.4	50	0.2	16.7	5.7	202	1.85	9.5	0.8	2.1	2.0	8	0.2	0.8	0.1	29	0.06	0.058
REP 134564	QC	1.3	18.9	7.8	47	0.2	16.6	5.6	191	1.75	9.0	0.8	3.1	1.9	7	0.2	0.8	0.1	27	0.06	0.057
Reference Materials																					
STD DS8	Standard	11.4	104.5	121.0	299	1.7	37.0	7.2	562	2.38	24.1	2.7	106.6	6.2	57	2.2	4.7	5.7	39	0.62	0.078
STD DS8	Standard	12.2	107.7	130.7	310	1.8	36.7	7.3	574	2.32	26.1	3.2	115.1	7.7	58	2.2	4.7	5.5	41	0.67	0.079
STD DS8	Standard	12.8	103.8	124.3	310	1.7	36.8	7.0	593	2.40	26.5	3.0	111.9	7.3	68	2.2	5.7	7.2	40	0.70	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Breakaway Expl. Mgmt. Inc.**
203 - 680 3rd Ave.
Val d'Or QC J9P 1S5 Canada

Project: KEYNOTE
Report Date: December 09, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

WHI11001874.2

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																		
134483	Soil	21	30	0.33	128	0.007	<1	1.31	0.004	0.03	0.2	0.07	1.4	0.1	<0.05	4	2.6	<0.2
REP 134483	QC	22	31	0.34	133	0.009	<1	1.33	0.004	0.04	0.1	0.05	1.6	0.1	<0.05	4	2.4	0.2
134500	Soil	15	23	0.46	135	0.029	<1	1.56	0.006	0.05	0.2	0.04	2.3	<0.1	<0.05	4	0.7	<0.2
REP 134500	QC	16	24	0.47	141	0.029	1	1.59	0.006	0.05	0.2	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
134516	Soil	19	24	0.40	120	0.021	1	1.66	0.005	0.06	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
REP 134516	QC	18	24	0.40	117	0.021	1	1.59	0.007	0.05	0.2	0.04	2.1	<0.1	<0.05	4	<0.5	<0.2
134531	Soil	8	117	2.67	119	0.015	<1	3.52	0.003	0.02	<0.1	0.03	13.4	<0.1	<0.05	9	<0.5	<0.2
REP 134531	QC	8	119	2.80	122	0.017	<1	3.60	0.003	0.02	<0.1	0.04	13.6	<0.1	<0.05	9	<0.5	<0.2
134564	Soil	11	20	0.31	60	0.017	2	0.92	0.004	0.03	<0.1	0.06	1.5	<0.1	<0.05	3	1.5	<0.2
REP 134564	QC	9	18	0.29	55	0.016	<1	0.85	0.003	0.02	<0.1	0.06	1.2	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	12	106	0.64	253	0.100	2	0.84	0.090	0.38	2.9	0.17	1.7	5.2	0.16	4	4.5	4.9
STD DS8	Standard	14	113	0.59	273	0.110	2	0.87	0.085	0.40	2.8	0.20	2.2	5.3	0.16	5	4.8	5.0
STD DS8	Standard	16	112	0.61	282	0.110	2	0.92	0.108	0.44	2.9	0.20	2.5	5.4	0.15	5	5.0	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2