

REPORT ON THE  
2011 & 2012 MINERAL EXPLORATION PROGRAM  
ON THE SEVERANCE PROPERTY,  
DAWSON RANGES, YUKON

Quartz Mineral Claims  
Severance 1 to 10 (YC19447 to YC19456) and  
Severance 11 to 30 (YC19520 to YC19539)  
Sev 1 to 192 (YD88103 to YD88294)

For work done September 14 to September 16, 2011  
and July 4 to July 7, 2012

Report By

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Location: 62° 22' N, 138° 37' W  
NTS: 115J/07  
Mining District: Whitehorse, YT  
Date: April 15, 2013

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## APPENDIX I

Assay Certificates

## 1.0 SUMMARY

The Severance Property (the Property) is located in the Klotassin River valley, 125 km west of Carmacks, Yukon, on NTS map sheet 115J/7. The Property is underlain by granodiorite of the Cretaceous Dawson Range Batholith, which is intruded by Eocene quartz-feldspar porphyry dykes and plugs.

Exploration work in 2002 by Aurora Geosciences Ltd. (Aurora) for Eagle Plains Resources Ltd. (Eagle Plains) on the Property identified anomalous copper, gold and molybdenum in soils and a boulder of silicified and quartz-veined granodiorite, which contained 7% disseminated pyrite and assayed 1.2 g/t gold and 0.35% copper. Exploration work in 2004 by Aurora for Eagle Plains on the Property identified a copper-gold-molybdenum soil anomaly with values as high as 1966 ppb gold, 1036 ppm copper and 54.3 ppm molybdenum. This soils anomaly coincides with a magnetic low and is underlain by a broad chargeability high with a resistivity signature that is characteristic of a porphyry system.

Observed geological relationships and historical exploration on the Property are suggestive of an intrusive-related or porphyry system. The Dawson Range intrusions host a number of intrusion-related gold occurrences in the Mt. Freegold area and a porphyry Cu-Mo-Au deposit at the Casino Property.

In September 2011, GeoVector completed work on Northern Freegold's Severance claims, approximately 70km west of Revenue Camp. This was done in order to keep the claims in good standing and to evaluate the merits of adding ground to the claims. The sites were accessed via helicopter; personnel were flown from Revenue Camp.

Outcrop and subcrop prospecting and chip sampling occurred in the central and central-southern sections of the Property which is shown to be underlain by granodiorite and monzonite. Monzonite is found to host consistent trace to minor pyrite and spurious chalcopyrite. Sample E444309, hosted by monzonite with quartz and chlorite alteration, resulted in an assay of 0.4 parts per million of gold.

The areas in and around the Severance claims were scouted for possible camp sites. Eight locations were evaluated based on criteria of topography, ground cover, access to water and sunlight. The highest rating was given to a level area of terrace ground with mossy cover and few to moderately many trees located near Somme Creek and the north eastern corner of the Property.

During July 2012, GeoVector completed ridge and spur soil sampling on the Severance property. A total of 115 soil samples were collected over the course of 4 days of work on the property. In general, soils geochemical responses were subdued. There are several spot gold geochemical anomalies and one multielement (Au, As, Pb, Zn, Ag) anomaly on the extreme southwest corner of the sampled area. The multielement anomaly deserves to be followed up with additional soil sampling and prospecting. The spot gold anomalies should be investigated by prospecting if budget permits.

Recommendations for future work on the Property are to conduct a two-phased program. The first phase would drill test the coincident IP chargeability high and anomalous copper-

gold-molybdenum in soils in the Target Zone and test spotty chargeability highs peripheral to this. The program would also involve additional magnetic surveying and IP surveying. This program would require four drill holes totaling 525 m and is estimated to cost \$232,500. The second phase program would be contingent on results from the first phase and would involve expansion of the soil geochemical survey, IP survey and additional drilling at an estimated budget of \$430,000.

## **2.0 INTRODUCTION**

This report was prepared by GeoVector Management Inc. (GeoVector) for Northern Freegold Resources Ltd. (NFR). This was done in order to keep the claims in good standing and to evaluate the merits of adding ground to the claims.

A mineral claim holder is required to perform certain types and amounts of assessment work and is required to document this work to maintain the title as outlined in the regulations of the Yukon Quartz Mining Act (the Act). The amount of work required is equivalent of \$100.00 of assessment work per quartz claim unit per year. Alternatively, the claim holder may pay the equivalent amount per unit per year to the Yukon Government as "Cash in Lieu" to maintain title to the claims. NFR is required to submit assessment reports with respect to all exploration carried out on the Property according to the Act.

This report is based on Eagle Plains' 2004 and 2002 mining assessment reports for the Property and work done by GeoVector in 2011 and 2012.

## **3.0 RELIANCE ON OTHER EXPERTS**

Much of this report is based on Yukon Mining Assessment Reports produced by Aurora on behalf of Eagle Plains for the Property. Large sections of text from the 2004 Yukon Mining Assessment Report 094484 by Scott Casselman and David Hildes with the title *Report on the 2004 Mineral Exploration Program on the Severance Property, Dawson Ranges, Yukon* and the 2002 Yukon Mining Assessment Report 094345 by Scott Casselman with the title *2002 Mineral Exploration Program on the Severance Property* have been incorporated into all sections of the present report except chapter 10.0 EXPLORATION. The senior author has reviewed this material and believes the data, interpretations and recommendations contained therein have been collected and compiled in a careful and conscientious manner. Other than these two Yukon Mining Assessment Reports produced for Eagle Plains in 2002 and 2004, the only other source of data, interpretations or recommendations for this report is the 2011 and 2012 work conducted by GeoVector.

## **4.0 PROPERTY DESCRIPTION AND LOCATION**

The Property is located in the Klotassin River Valley, in the Dawson Range Mountains, 125 km west-northwest of Carmacks or 250 km northwest of Whitehorse, Yukon. The Property's center is at latitude 62° 22' N and longitude 138° 37' W (Figure 1) on NTS map sheet 115J/07.

The Severance Property consists of 222 Quartz Claims staked in accordance with the Act in

the Whitehorse Mining District (Table 1; Figure 2). The mineral claim boundaries have not yet been legally surveyed. Claim data is as follows:

**Table 1. Claim Information**

<b>Claims</b>	<b>Grant Number</b>	<b>Expiry Date</b>
SEVERANCE 1-10	YC19447 - YC19456	7 Jan. 2014
SEVERANCE 11-30	YC19520 - YC19539	7 Jan. 2014
SEV 1 - 192	YD88103 - YD88294	7 Jan. 2019

Title to the claims is held 100% in the name of NFR.

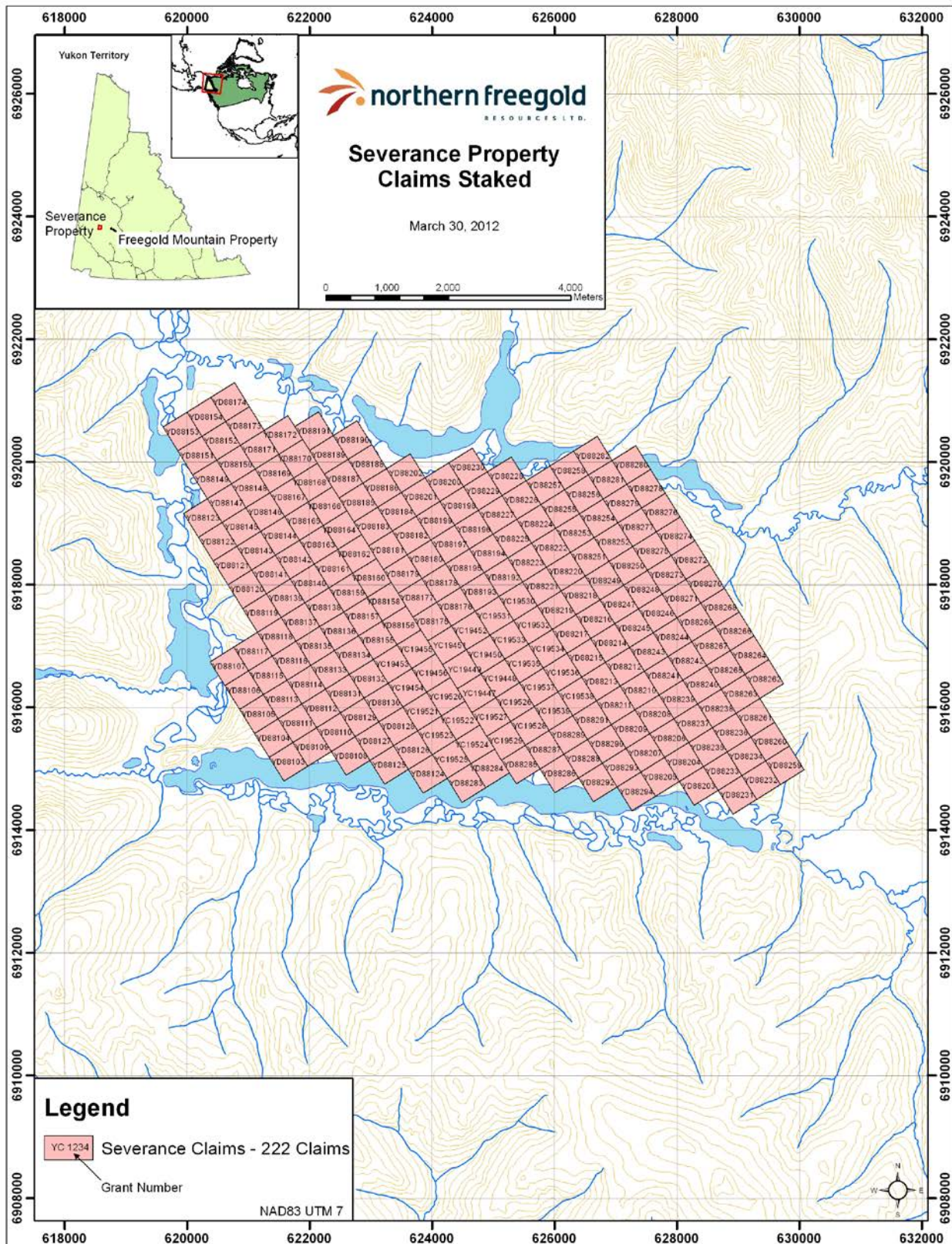
Certain types of exploration activity require a Mining Land Use Permit, issued by the Yukon Government, prior to conducting the work on a mineral property. The current or future operations of NFR including exploration, development and commencement of production activities on this property require such permits. Other permits governed by laws and regulations pertaining to development, mining, production, taxes, labour standards, occupational health, waste disposal, toxic substances, land use, environmental protection, mine safety and other matters, may be required as the project progresses.

To the author's knowledge, the Property area is not subject to any environmental or social liability.





Figure 2. Severance Claims



## **5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY**

The property is accessible by helicopter from Whitehorse or Carmacks. The nearest fixed-wing airstrip is at Rude Creek, 32 km to the north. An old winter trail for tracked vehicles winds from the north end of Aishihik Lake, through the Nisling River valley and runs 3 km west of the property then north to the Yukon River near the abandoned community of Selkirk.

Visits to the site in 2011 and 2012 were via helicopter; personnel were flown from Northern Freegold's Revenue Camp located 70 km to the east of the Severance property.

The project area is in the Dawson Range Mountains. The topography in the area is mountainous with gentle rounded hills and broad, generally swampy river valleys. Elevations range from about 800 m above sea level in the Klotassin River Valley to 1300 m on the property. The southern central part of the property, on the south facing slopes, is moderately treed with poplar and spruce and covered by colluvium. The central part of the property is in an alpine area that is a gently sloping plateau that is sparsely treed with alder and dwarf spruce and is covered by a veneer of frozen overburden.

The area receives little moisture year round. Snow generally begins accumulating in the alpine areas in early September and begins receding in late April to early May. The snow is generally melted back sufficiently by late May to allow for fieldwork at lower elevations. Summer temperatures range up to 30° Celsius and winter temperatures down to -50° Celsius.

The land in which the mineral claims are situated is Crown Land and falls under the jurisdiction of the Yukon Government. Surface rights would have to be obtained from the government if the property were to go into development.

Power is not available in the project area. The nearest source of power is the Aishihik Lake hydroelectric dam, 150 km south of the project area. Any mine development would have to supply its own power system or negotiate with the Yukon Territorial Government to have power supplied to a mine complex. Water resources are abundant in the project area, mainly from the Klotassin River.

The nearest major city centre is Whitehorse. Whitehorse is a supply centre for this northern region and has an ample labour force. Due to historic mining activity in the Yukon, an experienced work force including mining personnel are available.

The author sees no topographic or physiographic impediments for a potential mine, mill, heap leach or waste disposal sites. Suitable lands occur throughout the project area that should allow development of such facilities. Environmental concerns and land claims issues with local First Nations are issues that NFR will have to address from time-to-time as the project advances.

## **6.0 HISTORY**

The area has seen very little mineral exploration activity. A government Regional



Geochemical Stream Sediment survey yielded a sample, collected from a small creek flowing into Somme Creek near the center of the property returned 144 ppb gold and anomalous copper and molybdenum.

In the 1970's Atlas Exploration Ltd staked claims in the area to follow-up on the anomalous copper and molybdenum. They established a grid and conducted soil geochemical sampling and geological mapping. Their work located some anomalous values of copper and molybdenum in an alaskite stock and found traces of molybdenite in quartz veins. The occurrence is documented in the Yukon Minfile as the MIM showing, Minfile Number 115J 003. They did not analyse their samples for gold.

In 1998, Kennecott Canada Exploration Inc. conducted a reconnaissance soil and stream sediment sampling program in the area to determine the cause of the anomalous gold in the government regional stream sediment sample. Their work outlined a gold anomaly >35 ppb, in excess of 2 kilometers long. Kennecott did not follow-up these results.

In January of 2002, 4763 NWT Ltd. (4763) staked the Severance 1 to 10 claims to cover the area of anomalous gold-in-soils identified by Kennecott and the headwaters of a tributary of Somme Creek in the Klotassin River valley. Later that year, 4763 conducted soil sampling, prospecting and staked an additional 20 claim units. The soil sample program returned a number of anomalous gold values up to 2,680 ppb and anomalous copper and molybdenum. The prospecting program identified a granodiorite boulder with silicification and disseminated pyrite mineralization which assayed 1.2 grams/tonne gold and 0.35% copper (sample Sev02-14).

Eagle Plains optioned the property from 4763 in the fall of 2002. In 2003, Eagle Plains conducted a regional stream sediment sampling program in the Klotassin River Valley and along Somme Creek. Eagle Plains also re-sampled some of the anomalous soil sample sites and extended two soil lines in the southern part of the property.

The 2004 exploration program involved line-cutting, soil sampling, magnetic surveying and induced polarization surveying. Due to time and budget constraints and malfunctioning equipment the magnetic survey was only partly completed. The program identified a copper-gold-molybdenum soil anomaly that measures 800 m by 1200 m. Within this zone are values as high as 1966 ppb gold, 1036 ppm copper and 54.3 ppm molybdenum. This soils anomaly coincides with a magnetic low and is underlain by a broad chargeability high with a resistivity signature that is characteristic of a porphyry system.

## **7.0 GEOLOGICAL SETTING**

### **7.1 Regional Geological Setting**

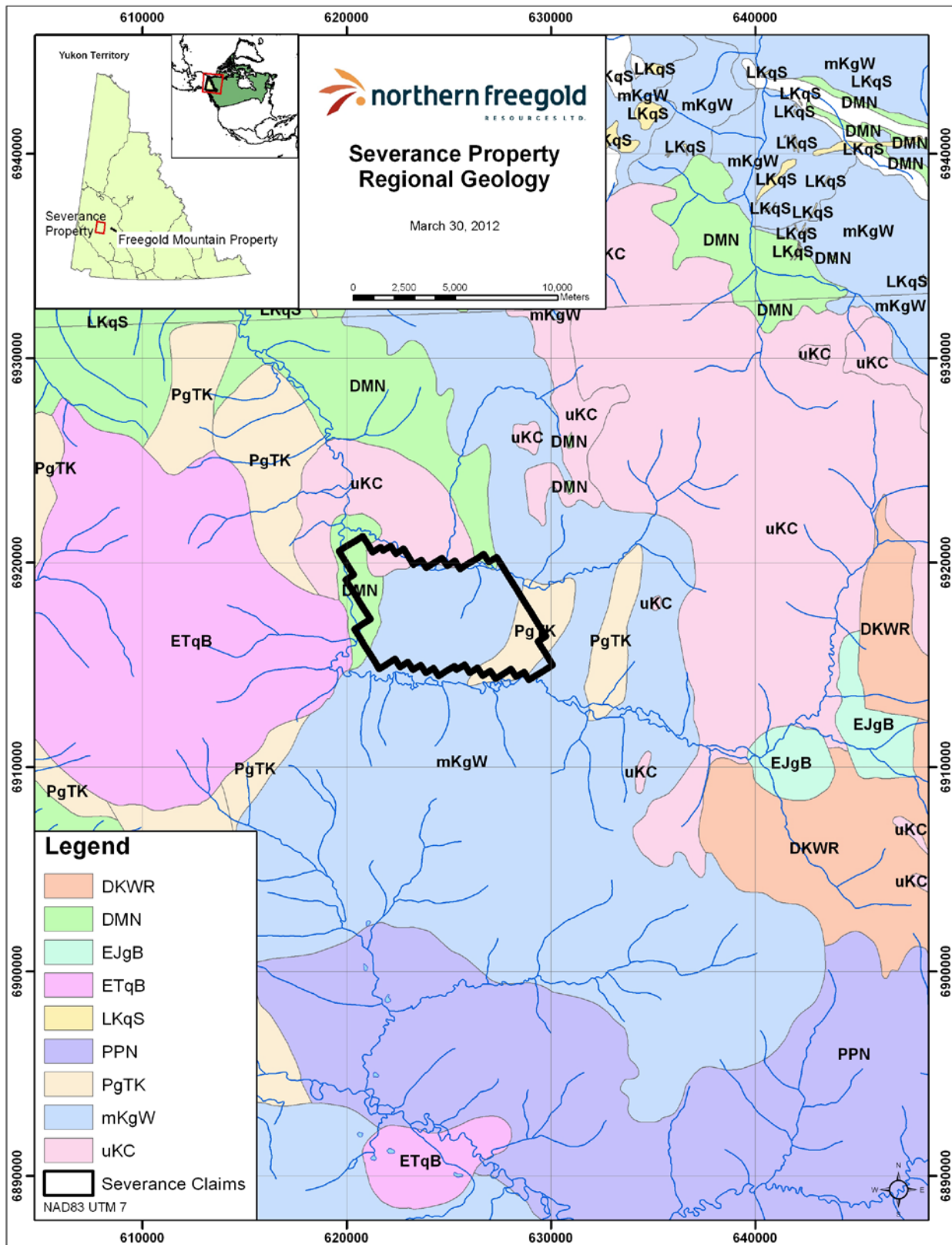
The Severance Property is located within the Dawson Range in Yukon-Tanana Terrane. The belt extends from Whitehorse northwest to the Yukon / Alaska border. The regional geology is illustrated on Figure 3. The oldest rocks in the area belong to the Nasina Assemblage (**DMN**) of Yukon-Tanana Terrane. They consist of Devonian to Mississippian metamorphosed massive dark gray to black graphitic quartzite with lesser micaceous quartzite and quartz mica schist. These are unconformably overlain by Upper Cretaceous Windy-Table Suite

(**DKWR**) and Upper Cretaceous Carmacks Group (**uKC**). The Windy-Table Suite consists of resistant, columnar jointed, quartz-phyric dacite flows, ash and lapilli tuff, with basal sedimentary and epiclastic rocks, and includes quartz-feldspar porphyry dykes. The Carmacks Group consists of a succession of dominantly mafic to intermediate volcanics, with minor felsic volcanics towards the base of the package. Locally, clastic rocks also occur at the base of the package. The mafic volcanic rocks are augite olivine basalt and the intermediate volcanics are feldspar porphyry andesite and augite phyric andesite. The felsic volcanic rocks are similar to Mt. Nansen Group volcanics east of the area and consist of acid vitric crystal tuff, lapilli tuff and welded tuff, felsic volcanic flow rocks and quartz feldspar porphyry.

These rocks are intruded by Mid Cretaceous Whitehorse Suite (**mKgw**) and the Early Jurassic Aishihik Suite (**EJgB**) of the Dawson Range Batholith. The Whitehorse Suite has been dated at 107 Ma and consists of biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite with sparse grey and pink potassium feldspar phenocrysts. The Aishihik Suite has been dated at 187 Ma and consists of medium- to coarse-grained, foliated biotite-hornblende granodiorite and foliated diorite to monzodiorite with local K-feldspar megacrysts. These rocks are in turn intruded by Early Tertiary intrusions of the Nisling Range Suite (**EtqN**), which consists of leucocratic, biotite granite or alaskite with sacchroidal texture and white alkali feldspar.

All of these units are intruded and overlain by Lower Eocene Skukum volcanics (**PgTK**). These consist of rhyolitic to andesitic volcanic dykes, plugs, domes, laccoliths, flows and tuff. The intrusive phases are generally quartz-feldspar-hornblende felsites; while the extrusive phases are intermediate to felsic hornblende-feldspar porphyritic tuff, flow breccia and volcanic mudstone.

Figure 3. Regional Geology



## 7.2 Property Geology

Outcrop exposure on the property is poor. Geologic data is concentrated in the central and central-southern sections of the property and sparse for other areas.

The central part of the Severance property is a gently sloping plateau that is covered by a veneer of frozen overburden; on the south facing slopes there is an increasing thickness of colluvium down slope. Outcrop exposure was encountered at the break-in-slope on the tops of ridges.

Coarse-grained, hornblende-biotite granodiorite of the mid Cretaceous Whitehorse Suite occurs in the central part of the property. It is white to light pink on fresh surfaces with coarse and dark hornblende and biotite crystals. These rocks are generally unaltered and contain little to no sulphide mineralization.

Porphyritic and medium-grained equicrystalline monzonite outcrops occur adjacent to and south and south-west of the observed hornblende-biotite granodiorite outcrops. All monzonite that was inspected in 2011 contains trace to 5% pyrite and two samples contained noticeable trace chalcopyrite.

A narrow medium-grained, intermediate dyke was observed near the center of the property. This dyke trends east-west and dipped 20° to the south. Another outcrop of dark grey-black, fine, equigranular, mafic rock was observed amidst the hornblende-biotite granodiorite outcrops. This relationship indicates the mafic rock may be a dyke.

The peak of the ridge located about 1 km SW of the center of the property is underlain by quartz-plagioclase porphyritic dacite believed to be of the lower Eocene Skukum Volcanics. The rock weathers medium brown-green. The matrix is medium green and fine-grained to aphanitic with clear to white quartz phenocrysts and white plagioclase phenocrysts up to 0.2 metres long. It is unaltered and no sulphide minerals were observed. The porphyry is believed to be a plug but it is difficult to be sure due to the minimal exposure.

In the Western Central part of the Severance property there is a lower peak where a number of monzonitic boulders have been observed, although none were found in outcrop. These rocks are fine- to medium-grained, light pink to medium grey and weakly altered, occasionally with traces of hematite. Near the peak located about 1 km SW of the center of the property a number of boulders of altered granodiorite were found. These boulders were weakly to moderately silicified with quartz veins and up to 7% disseminated pyrite.

It is interpreted that the Central Southern part of the Severance property is underlain by monzonite/granodiorite. This is based on the number of boulders that have been observed on the slopes in that area and based on the response from the ground magnetic survey, which shows distinct, lower magnetic response in the area. Also, the magnetic survey identified a linear magnetic high feature trending east-westerly along the southern part of the survey area. This is interpreted to be a magnetic dyke, probably of intermediate to mafic composition.

## 8.0 DEPOSIT TYPES

The Dawson Range area hosts numerous mineral occurrences along the length of the belt. The belt has been recognized for the potential to host porphyry copper-molybdenum-gold deposits such as the Casino porphyry deposit located 50 km north of Severance. The reserves at Casino were estimated in 2011 to be 1.06 billion tonnes grading 0.23 g/t gold, 0.20 % copper, 1.71 g/t silver and 0.019 % molybdenum. Other porphyry deposits of the area are the Nucleus and Revenue Deposits. The Nucleus deposit has an Indicated resource of 48 million tonnes grading 0.7 g/t gold, 0.9 g/t silver, 0.06% copper and an Inferred resource of 41 million tonnes grading 0.47 g/t gold, 0.98 g/t silver and 0.07% copper. The Revenue deposit has an Inferred resource of 101 million tonnes grading 0.34 g/t gold, 3.14 g/t silver, 0.13% copper and 0.04% molybdenum. Numerous other porphyry copper-molybdenum and copper-gold mineral occurrences are known in the area.

The area also hosts epithermal-style gold veins such as at the former producing Mt Nansen mine located 75 km east of Severance. In 1988, reserves from four ore zones at Mt Nansen were estimated at nearly 1.0 million tonnes grading 7.69 g/t gold and 145 g/t silver.

## 9.0 MINERALIZATION

Mineralization observed in the 2002 exploration program includes the few outcrop locations and boulders observed as float in the colluvium on a south facing slope in the central southern part of the property. Weakly altered monzonitic boulders contained occasional traces of hematite. Specifically, sample SEV02-11 returned slightly anomalous molybdenum values of 103 ppm.

In 2002, a number of boulders of altered granodiorite were found in the south-central part of the grid. These boulders were weakly to moderately silicified with quartz veins and up to 7% disseminated pyrite. One of these samples (SEV02-14) contained 3,491 ppm Cu and 1,211 ppb Au. A second sample of similar material (SEV02-01) contained 111 ppm Cu and 525 ppb Au. These rocks were not significantly anomalous in molybdenum.

There were 9 samples collected on claim in 2011 in which sulfides were noted. Seven of these samples were in monzonite, one was in quartz feldspar porphyry and one was in granodiorite. Most monzonite samples contain trace to 3 %, fine to medium-grained, disseminated pyrite, and some monzonite samples were noted as having even stronger pyrite in fractures. Sample E444302, hosted in monzonite, contains trace fine grained disseminated chalcopyrite. Sample E444311 is hosted in granodiorite and was noted as having fine grained disseminated chalcopyrite, 3 to 5 % disseminated fine grained pyrite and strong pyrite in fractures. Sample E444306 is hosted by quartz feldspar porphyry and was noted as having trace, fine grained, disseminated pyrite.

Sample E444309 resulted in an assay of 0.4 parts per million of gold. Sample E444310 resulted in an assay of 0.1 parts per million of gold. Both of these samples were hosted in monzonite. Sample E444309 had 3 to 5 % hairline quartz veins and 1 to 3 % hairline chlorite veins.



## 10.0 EXPLORATION

In September 2011, work was completed on Northern Freegold's Severance claims, approximately 70 km west of Revenue Camp. This was done in order to keep the claims in good standing and to evaluate the merits of adding ground to the claims. The sites were accessed via helicopter; personnel were flown from Revenue Camp. All locations noted are NAD83 UTM, Zone 7. Figure 1 shows neighboring claims, with claim holder and operators, if different from holder.

Date: 14 Sep 2011  
 Personnel: A. Sexton, C. Davis, H. Chin  
 Helicopter: HeliDynamics, L. Wanner  
 Project: Severance  
 Client: Northern Freegold Resources

A total of 13 samples were collected on claim (see Table 2), all with pyrite, varying from trace to 5%. Two samples with trace chalcopyrite were noted. In addition, 6 additional geologic stations were noted (see Table 2, Fig. 4). The mineralized samples were noted in the monzonitic unit mapped on the property, which had a porphyritic to medium equicrystalline fabric. Coarse crystalline granodiorite was noted to the north and all outcrops observed did not appear to host mineralization. A fine grained mafic, with weak porphyritic texture was noted on the north rim in contact with the granodiorite. Ground cover is a mix of thick spongy mossy terrain with bracken bush, and spruce & aspen forest. Outcrops are sparse, and most samples were from subcrop covered by the muskegy moss. River valleys at the base of the hills are broad and contain meandering streams, with several gravel bars which are likely under water in spring.

**Table 2. On claim observations and samples**

UTME	UTMN	Litho	Description	Note1
624821	6916321	Monzonite	porphyritic, mxl matrix m-cxl plag <=5mm, green grey, vfg py diss	E444301
624764	6916288	Monzonite	eqxl, mxl matrix, local bx, green grey, 1% fg py diss, tr fg diss cpy, 2nd bio?	E444302
624757	6916262	Monzonite	eqxl, mxl matrix, green grey, 2-3% f-mg py diss, py stronger frac, 2nd bio? + hem	E444303
624757	6916262	Monzonite	porphyritic, fxl matrix mxl qtz+plag, green grey, parallel fracs rusty 5mm spacing	E444304
624747	6916228	Monzonite	eqxl, mxl matrix, green grey, 2-3% f-mg py diss, py stronger frac, 2nd bio? + hem, patchy lim	E444305
624752	6916179	QFP	porphyritic, mxl matrix m-cxl plag <=5mm, green grey, <1% fg py diss	E444306
624780	6916139	Monzonite	porphyritic, mxl matrix m-cxl plag <=5mm, green grey, 1-3% fg py diss	E444307
624717	6916046	Monzonite	eqxl, mxl matrix, lite grey w/ orange, bleached?, tr f-mg & diss, orange=lim? Earthy	E444308
624690	6916083	Monzonite	trace fg py diss, 3-5% hairline qtz vns, 1-3% hairline chl veins	E444309
624646	6916245	Monzonite	porphyritic, mxl matrix m-cxl plag <=5mm, green grey	

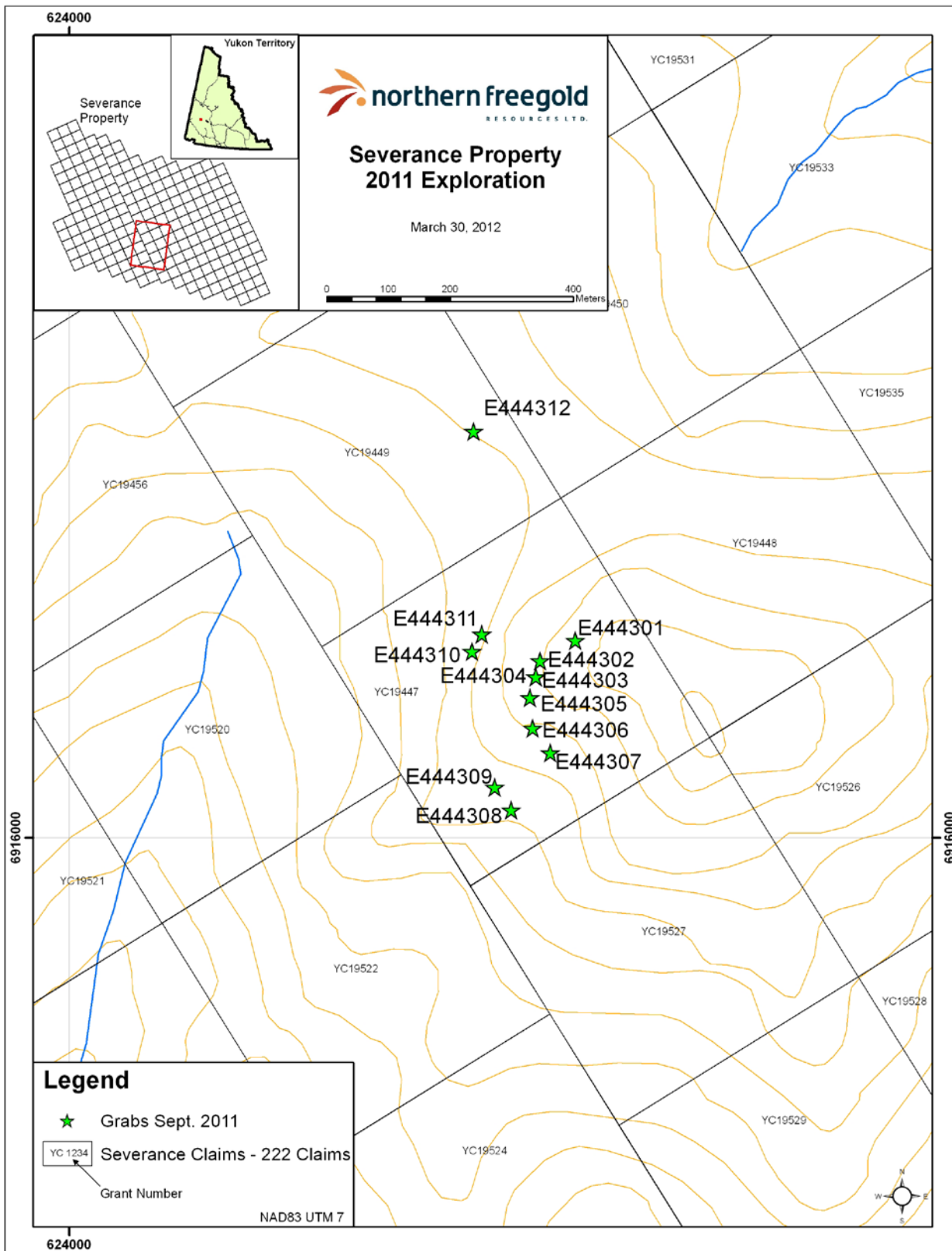
UTME	UTMN	Litho	Description	Note1
624653	6916303	Monzonite	eqxl, mxl matrix, dark green grey, 1-3% f-mg frac py, qz cb vt <=5mm	E444310
624669	6916331	Granodiorite	eqxl, cxl, green grey, strong frac py +fg diss cpy, 3-5% fg diss py, strong sil, mod ser +/- orange	E444311
624725	6916541	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
624684	6916585	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
624656	6916660	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm, clean + rep sample	E444312
624576	6916750	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
624439	6916829	Mafic	dyke?, fxl eqxl mafic, dark grey-black	
624402	6916831		IP line	cut line N-S L44E 69N
624322	6916835	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
624226	6916814	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
624083	6916958	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm, clean, Heli toe-in pad	SevHC1Toe
624066	6916899	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm, clean	
624065	6916821		Helicopter pad set up near crest of saddle, flagged	SevHC2Pad

Two other areas outside the Severance claims were visited. The first was a site with a stream sediment zinc anomaly of 1203ppm. Three outcrops were noted, a fine crystalline magnetic mafic with trace pyrite downstream of the zinc anomaly. One sample was collected, (see table). The second site was Minfile occurrence 115J102, Au/Ag showing with a disseminated to vein-hosted setting. Granite/monzonite was noted in contact with a fine crystalline mafic. One sample was collected of the mafic, with disseminated very fine grained pyrite (see Table 3).

**Table 3. Off claim site checks**

UTME	UTMN	Litho	Description	Note1
644452	6918195		Stream sediment Zn anomaly in main river, side runoffs lower anomalies 50-90ppm, YGS maps	Zn 1230 Stream Sed
643845	6916319	Int Porph	porphyritic, mxl matrix m-cxl plag <=5mm, green grey, vfg py diss, downstream of Zn 1203	E444313
651361	6907746		Minefile 115J102, Au/Ag showing, disseminated-vein hosted	115J102
651013	6907993	Mafic	eqxl, fxl, ct w/ pink granite, tr py +/- rusty frags, Minfile 115J102 area	E444314

**Figure 4. Sample Locations**



Date: 15 Sep 2011  
 Personnel: C. Davis, H. Chin, D. Studd  
 Helicopter: HeliDynamics, L. Wanner  
 Project: Severance  
 Client: Northern Freegold Resources

Three areas were visited in close proximity around Northern Freegold's Severance claims, approximately 70km west of Revenue Camp.

The first area was to the south west, at the bend in the river. A large dome of rock was noted from the air. Closer examination revealed it to be a medium equicrystalline syenitic to granitic unit. It was mostly peach coloured with areas of red staining (hematite?). It was commonly vuggy, with well formed small quartz crystals, often with earthy red cover (hematite). Trace amounts of a pearly green mica was noted. A fine crystalline peach coloured dyke-like unit was also noted, possibly a cooling margin of the previous rock type. Two samples were collected, (see table).

The second area was south of the Severance claim block, across the river valley. Outcrop or Subcrop was noted from the air on the ridge top. Access was difficult due to bracken bush and burnt trees. A pad was brushed out at the top of the ridge, (see table). Subcrop and possible felsenmeer was mostly coarse crystalline amphibole-biotite granodiorite, very much like the unit noted on the north side of the Severance claims. An intermediate porphyry was also common, which had a dark grey green to black fine crystalline matrix with medium crystalline plagioclase porphyroblasts. A small dyke of monzonitic material was noted in one location, (see table). No visible mineralization was noted.

The final site visited was to the north west of the Severance claims. On the north side of the river valley a large outcrop of quartz muscovite schist was noted. Quartz with variable red staining (hematite?) was noted in at least two locations in subcrop/talus, and trace pyrite.

**Table 4. Off claim observation and samples**

UTME	UTMN	Litho	Description	Note1
619832	6914985	Syenitic	eqxl, mxl, peach-orange w/ occ red stain, plag & qtz, trace green mica, vuggy, var planar fabric	
619820	6914991	Syenitic	eqxl, mxl, peach-orange w/ occ red stain, plag & qtz, trace green mica, vuggy, var planar fabric	
619853	6914988	Syenitic	eqxl, m-cxl, vuggy, plag>qtz, tr green mice, tr green hex ? Xl, pale orange/peach, zones of red	E444315
619950	6915085	Syenitic	fxl version of E444315, rusty specks = py?, +/- bio, peachy	E444316
626712	6912905	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
626751	6912862	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
626792	6912753	Monzonite	dyke, eqxl, fxl matrix, pink, 50-80cm wide, granodiorite-hosted, 070/90 +/-	
626853	6912839	Int Porph	porphyritic, fxl matrix m-cxl plag <=3mm +/- qtz eyes, dark green grey	E444317

626611	6912704	Int Porph	porphyritic, fxl matrix m-cxl plag <=3mm +/- qtz eyes, fresh dark green grey, weather buff, Heli pad	SevHS1Pad
626574	6912805	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
626552	6912934	Granodiorite	cxl, salt & pepper, large hornblende <=1cm, bio <=5mm	
621394	6921686	Schist	planar fabric, pale grey, musc on cleavage/parting, qz veinlet + hem	E444318
621416	6921700	Schist	planar fabric, pale grey, musc on cleavage/parting, qz vein +/- hem	E444319

Date: 15 Sep 2011  
Personnel: C. Davis, V. Smith  
Helicopter: HeliDynamics, L. Wanner  
Project: Severance  
Client: Northern Freegold Resources

The helicopter was available for a third day, so the opportunity was taken to visit the Severance claims again. A helicopter pad was brushed out and set up in a convenient location in the north central area, near the crest of the southern gully.

The areas in and around the Severance claims were also scouted for possible camp sites. Eight possible locations were noted (Table 5, Figure 5). Criteria looked for included:

- ⤴ Large enough for a 30-40 person camp, core lay-down area, 1-2 helipads, fuel dump
- ⤴ Proximity to water, with minimal lift (vertical distance)
- ⤴ Level ground
- ⤴ Ideally on claim, or at least in areas proposed to be claimed.
- ⤴ Preferably, but not necessarily, somewhat clear of trees
- ⤴ Out of possible spring flood plain
- ⤴ Preferably on a south facing slope to maximize sunlight.
- ⤴ Minimal moss (difficult in this area).

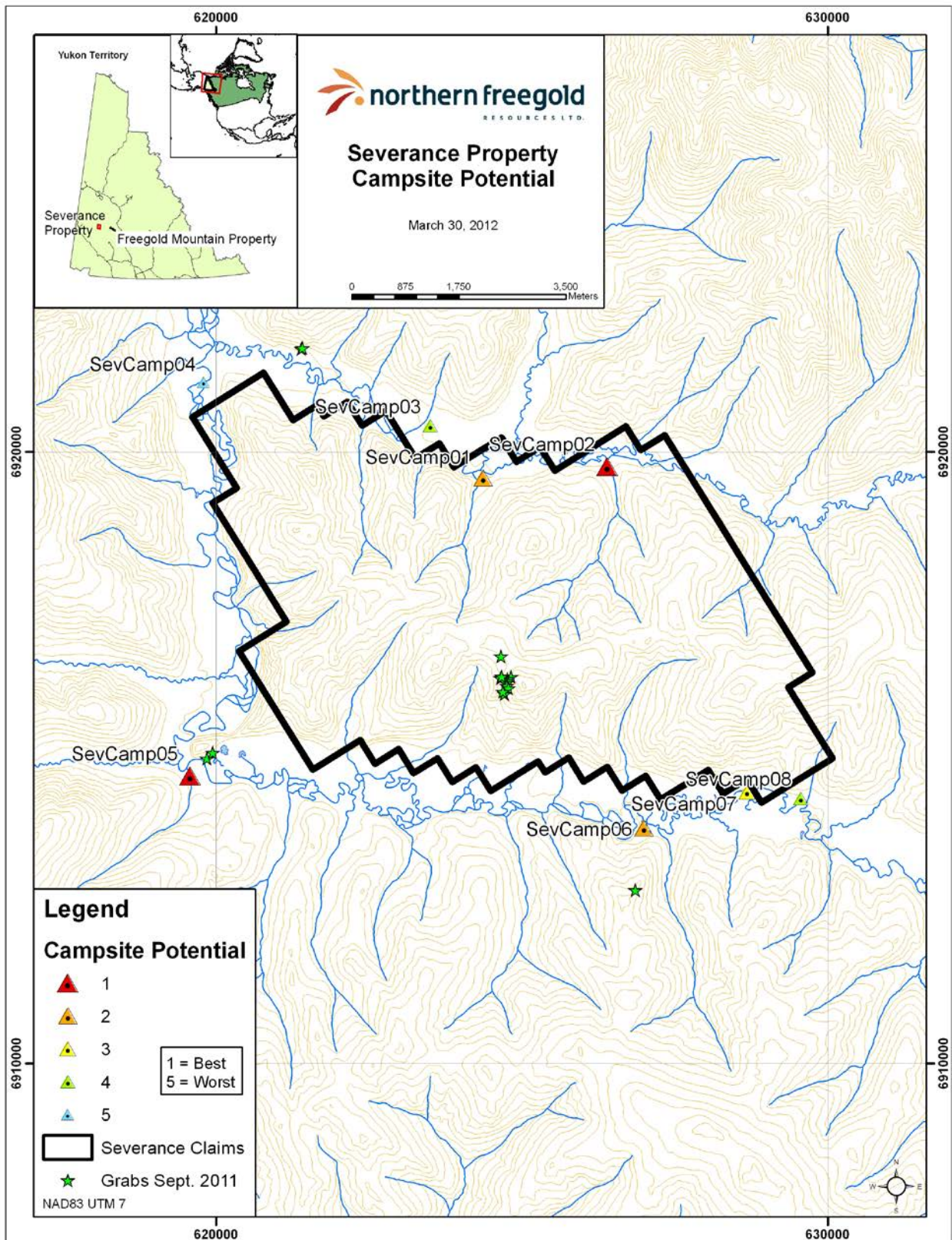
**Table 5. Camp Site Reconnaissance**

Station	UTME	UTMN	Rating (1=good, 5= poor)	Note
SevCamp01	624346	6919573	2	Open and few trees, mossy ground cover, terrace near bend in stream, medium level area, south side of northern river valley, near bottom of broad ravine, off current claim to northeast
SevCamp02	626380	6919762	1	Few-moderate trees, mossy ground cover, terrace near bend in stream, large level area, south side of northern river valley, off current claim to northeast
SevCamp03	623489	6920428	4	Many trees, mostly aspen=firmer ground?, terrace near bend in stream, large level area, north side of northern river valley, east side of broad ravine, off current claim to north
SevCamp04	619790	6921140	5	Moderate-many trees, mossy ground cover, terrace near bend in stream, small to medium level area, off current claim to northwest



SevCamp05	619560	6914705	1	Open, few trees, mossy ground cover, terrace near large bend in stream, large broad level area, south side of river valley near north bend and syenitic knob, off current claim to southwest
SevCamp06	626977	6913851	2	Few-moderate trees, mossy ground cover, mossy ground cover, terrace near stream, medium-large level area, south side of southern river valley, off current claim to south
SevCamp07	628667	6914437	3	Moderate- many trees, mossy ground cover, terrace near stream, small-medium level area, north side of southern river valley, off current claim to south east
SevCamp08	629547	6914337	4	Many trees, mostly aspen=firmer ground?, terrace near stream, small-medium level area, north side of southern river valley, off current claim to southeast

Figure 5. Campsites Reconnaissance



During July 2012, ridge and spur soil sampling was completed on Northern Freegold's Severance claims, approximately 70 km west of the Revenue Camp. This was done in order to keep the claims in good standing and to further evaluate the merits of the additional ground that was added in 2011. The sites were accessed via helicopter and personnel were flown in from the Revenue Camp. All locations noted are in NAD83 UTM, Zone 7. Soil lines were chosen to explore the ridges along the new claims and along these lines a total of 115 soil samples were collected over the course of 4 days of work on the property. Soil sample locations are plotted on Figure 6 and results are plotted on Figures 7 – 12.

Date: 04 July 2012  
Personnel: A. Sexton, V. Smith, E. von Bludow  
Helicopter: Trans North Helicopters, Aircraft FDRZ  
Project: Severance  
Client: Northern Freegold Resources

Soil sampling conducted, 16 samples collected for analysis.

Date: 05 July 2012  
Personnel: A. Sexton, V. Smith, E. von Bludow  
Helicopter: Trans North Helicopters, Aircraft FDRZ  
Project: Severance  
Client: Northern Freegold Resources

Soil sampling conducted, 28 samples collected for analysis.

Date: 06 July 2012  
Personnel: V. Smith, E. von Bludow  
Helicopter: Trans North Helicopters, Aircraft FDRZ  
Project: Severance  
Client: Northern Freegold Resources

Soil sampling conducted, 26 samples collected for analysis.

Date: 07 July 2012  
Personnel: V. Smith, E. von Bludow  
Helicopter: Trans North Helicopters, Aircraft FDRZ  
Project: Severance  
Client: Northern Freegold Resources

Soil sampling conducted, 41 samples collected for analysis.

Sample	Date	Zone	Easting	Northing	Elevation	Line#	Drainage	Slope	Aspect	Vegetation	Horizon	Texture %					Colour	Depth (cm)	Nearby o/c, s/c	Comments
												Org.	Gr.	Sand	Silt	Clay				
E523351	04/07/2012	7	624064.996	6916820.992	1145	5	Poor	Ridge Top		Spruce/Willow	B			10	30	60	Dark Brown	20	No	aken just north of helipad
E523352 Duplicate to E523351																				
E523353	04/07/2012	7	624260.083	6917097.733	1110.2	5	Moderate	Slope	N	Spruce/Willow	B		33	33	33	Lt. Brown	30	No		
E523354	04/07/2012	7	624430.902	6917347.815	1060.692	5	Moderate	Slope	N	Spruce/Willow	B	30	30	20	20	Brown	20	No		
E523355	04/07/2012	7	624556.554	6917500.463	1045.552	5	Good	Valley Bottom		Spruce	B	20	50	10	20	Brown	20	O/C	at area suitable for helipad	
E523356	04/07/2012	7	624651.768	6917631.037	1044.35	5	Poor	Valley Bottom		Spruce/Willow	B	33	33	33	Lt. Brown	40	O/C			
E523357	04/07/2012	7	624615.009	6917728.298	1047.234	5	Good	Slope	W	Spruce/Deciduous	B	25	25	50	Brown	25	O/C			
E523358	04/07/2012	7	624739.808	6917805.012	1059.25	5	Good	Slope	S	Spruce/Deciduous	B		50	50		Brown	20	O/C		
E523359	04/07/2012	7	624767.523	6917882.003	1055.405	5	Good	Slope	S	Spruce/Deciduous	B	40	40	10	10	Lt. Brown	15	O/C		
E523360	04/07/2012	7	624796.395	6917971.217	1066.46	5	Good	Slope	S	Spruce/Deciduous	B	40	40	10	10	Lt. Brown	20	No		
E523361	04/07/2012	7	624838.588	6918055.049	1075.112	5	Good	Slope	N	Spruce/Deciduous	B	40	40	10	10	Lt. Brown	25	No		
E523362	04/07/2012	7	624935.142	6918145.997	1054.444	5	Good	Slope	NE	Spruce/Deciduous	B		33	33	33	Lt. Brown	35	No		
E523363	04/07/2012	7	624994.764	6918234.193	1049.397	5	Good	Slope	NE	Spruce/Deciduous	B	30	30	20	20	Lt. Brown	35	O/C		
E523364	04/07/2012	7	625000.396	6918370.954	1097.943	5	Good	Ridge Top		Deciduous	B		33	33	33	Lt. Brown	20	O/C		
E523365	04/07/2012	7	625130.264	6918454.416	1124.139	5	Good	Slope	S	Deciduous	B	50	50			Dark Brown	10	S/C		
E523366	04/07/2012	7	625230.335	6918531.953	1115.728	5	Good	Slope	SE	Spruce/Deciduous	B	30	30	20	20	Brown	20	S/C		
E523367	04/07/2012	7	625317.8	6918605.5	1079.6	5	Good	Slope	NNE	Spruce/Deciduous	B	40	40	10	10	Lt. Brown	10	O/C		
E523368	05/07/2012	7	623849.375	6917100.01	1130	2	Moderate	Slope	N	Spruce/Willow	B	25	25	25	25	Dark Brown	30	No		
E523369	05/07/2012	7	623620.813	6917344.501	1115	2	Poor	Slope	NE	Willow	A/B	20			30	50	D.Br./Black	20	No	
E523370 Standard-CDN-CM-13																				
E523371	05/07/2012	7	623464.538	6917602.988	1100	2	Moderate	Slope	N	Spruce	B		33	33	33	Lt. Brown	20	No		
E523372	05/07/2012	7	623337.978	6917726.323	1068	2	Poor	Slope	N	Spruce/Willow	B	10	30	30	15	15	Dark Brown	20	No	
E523373	05/07/2012	7	623245.748	6917743.216	1057	2	Good	Slope	N	Spruce/Willow	B	80	20			Lt. Grey	N/A	No	from small brook on side	
E523374	05/07/2012	7	623173.819	6917824.751	1058	2	Poor	Slope	NE	Spruce/Willow	A/B	30	30	40		Dark Brown	25	No		
E523375	05/07/2012	7	623092.507	6917966.694	1062	2	Good	Slope	E	Spruce/Deciduous	B	30	30	20	20	Lt. Brown	15	No		
E523376	05/07/2012	7	623046.306	6918019.534	1070	2	Good	Ridge Top		Spruce	B	40	30	20	10	Red/Brown	10	No		
E523377	05/07/2012	7	622825.132	6917808.689	1110	2	Moderate	Slope	NE	Spruce	B	25	25	25	25	Dark Brown	20	No		
E523378	05/07/2012	7	622722.015	6917732.984	1133	2	Poor	Slope	NE	Spruce/Deciduous	B	10	30	30	30	Brown	20	No		
E523379	05/07/2012	7	622516.416	6917700.913	1155	2	Good	Ridge Top		Spruce	B	10	40	50		Brown	15	No		
E523380	05/07/2012	7	622531.031	6917796.672	1144	2	Good	Slope	NW	Spruce/Deciduous	B	30	10	30	30	Brown	20	No		
E523381	05/07/2012	7	622355.892	6917760.152	1128	2	Good	Slope	NW	Spruce	B	15	30	40	15	Brown	30	No		
E523382	05/07/2012	7	622215.727	6917846.235	1110	2	Good	Slope	NW	Spruce	B	25	25	25	25	Brown	15	No		
E523383	05/07/2012	7	622082.036	6917965.117	1096	2	Good	Slope	NW	Spruce	B	20	20	30	30	Brown	15	No		
E523384	05/07/2012	7	622022.074	6918071.531	1082	2	Good	Slope	NW	Spruce	B	10	25	40	25	Lt. Brown	25	No		
E523385	05/07/2012	7	621972.406	6918178.321	1081	2	Good	Ridge Top		Spruce/Deciduous	B	10	30	30	30	Brown	25	No		
E523386	05/07/2012	7	621869.798	6918305.816	1050	2	Good	Slope	NW	Spruce	B	10	25	40	40	Brown	20	No		
E523387	05/07/2012	7	621673.667	6918421.322	1052	2	Good	Slope	S	Spruce	B	10	20	35	35	Lt. Brown	25	No		
E523388	05/07/2012	7	621608.279	6918506.694	1076	2	Good	Slope	S	Spruce/Deciduous	B	10	20	50	20	Brown	10	No		
E523389	05/07/2012	7	621512.201	6918589.056	1093	2	Good	Ridge Top		Spruce/Deciduous	B	20	40	20	20	Brown	15	No		
E523390	05/07/2012	7	621481.864	6918721.531	1082	2	Moderate	Slope	NNE	Spruce/Willow	B	50	20	15	15	Dark Brown	15	No	Duplicate like E523391	
E523391 Duplicate to E523390																				
E523392	05/07/2012	7	621468.644	6918854.517	1059	1	Poor	Slope	NNE	Spruce	B	20	30	20	20	Dark Brown	40			
E523393	05/07/2012	7	621469.738	6918922.684	1040	1	Good	Slope	NNE	Spruce/Willow	B	95	5			Grey	10		Gravel sample from flowing brook	
E523394	05/07/2012	7	621476.459	6919078.137	1002	1	Poor	Slope	W	Spruce/Willow	B	10	20	30	40	Dark Brown	25		Sloping valley.	
E523395	05/07/2012	7	621496.093	6919198.715	1009	1	Good	Slope	S	Spruce	B	60	15	15	10	Lt. Brown	25			
E523396	05/07/2012	7	621452.378	6919333.818	1021	1	Poor	Slope	W	Spruce	B	20	10	30	30	Dark Brown	50		Permafrost	
E523397	05/07/2012	7	621417.555	6919459.894	1029	1	Moderate	Slope	W	Spruce/Willow	B	20	10	60	20	Red/Brown	15			
E523398	05/07/2012	7	621372.418	6919595.4	1034	1	Moderate	Slope	W	Spruce	B	20	10	15	40	15	Red/Brown	30		
E523399	05/07/2012	7	621338.933	6919648.151	1045	1	Good	Slope	W	Spruce	B	10	15	20	30	Brown	25			
E523400	06/07/2012	7	621507.197	6916542.441	1073.91	4	Good	Ridge Top		Spruce/Deciduous	B	30	30	20	20	Red/Brown	10		Start of Line 4	
E523401	06/07/2012	7	621670.947	6916603.337	1069.584	4	Good	Ridge Top		Spruce/Deciduous	B	30	20	25	30	Red/Brown	10			
E523402	06/07/2012	7	621781.167	6916634.872	1069.584	4	Good	Ridge Top		Spruce/Deciduous	B	20	25	25	30	Red/Brown	10		S/C	
E523403	06/07/2012	7	621917.697	6916642.341	1085.927	4	Good	Ridge Top		Spruce/Deciduous	B	25	25	10	30	Red/Brown	10		S/C	
E523404	06/07/2012	7	621995.091	6916729.453	1079.438	4	Good	Ridge Top		Spruce/Deciduous	B	20	20	10	40	Brown	10		S/C	
E523405	06/07/2012	7	622080.257	6916812.525	1083.043	4	Good	Ridge Top		Spruce/Deciduous	B	30	30	20	20	Lt. Brown	15		O/C	
E523406	06/07/2012	7	622114.552	6916921.432	1077.996	4	Good	Ridge Top		Spruce/Deciduous	B	10	20	30	30	Brown	15		No	
E523407	06/07/2012	7	622182.158	6916981.426	1092.656	4	Good	Ridge Top		Spruce/Deciduous	B	20	20	20	20	Lt. Brown	25		S/C	
E523408	06/07/2012	7	622260.084	6917076.014	1087.609	4	Good	Ridge Top		Spruce/Deciduous	B	20	20	30	30	Brown	25		No	
E523409	06/07/2012	7	622308.327	6917164.265	1105.874	4	Moderate	Saddle		Spruce	B	20	20	30	30	Dark Brown	25		No	
E523410 Standard-CDN-CM-13																				
E523411	06/07/2012	7	622332.72	6917235.911	1117.65	4	Good	Saddle	S	Spruce	B	10	30	30	15	15	Red/Brown	20	No	
E523412	06/07/2012	7	622322.129	6917235.051	1123.457	4	Good	Saddle	S	Spruce/Deciduous	B	10	20	15	15	30	Red/Brown	30	No	Well developed profile
E523413	06/07/2012	7	622455.982	6917400.234	1138.799	4	Good	Ridge Top		Spruce/Deciduous	B	10	20	20	35	20	Lt. Brown	10	S/C	
E523414	06/07/2012	7	622485.062	6917490.89	1139.039	4	Good	Saddle	S	Spruce/Deciduous	B	10	20	10	10	40	Lt. Brown	10	S/C	
E523415	06/07/2012	7	622508.536	6917659.754	1159.948	4	Good	Ridge Top		Spruce/Deciduous	B	25	30	10	30	10	Lt. Brown	20	S/C	
E523416	06/07/2012	7	622555.378	6917791.81	1141.443	4	Good	Slope	NE	Spruce/Deciduous	B	30	10	30	30	Lt. Brown	10	O/C		
E523417	06/07/2012	7	623010.174	6918501.103	1098.904	3	Good	Ridge Top		Deciduous	B</									



Figure 6. 2012 Soil Sample Locations

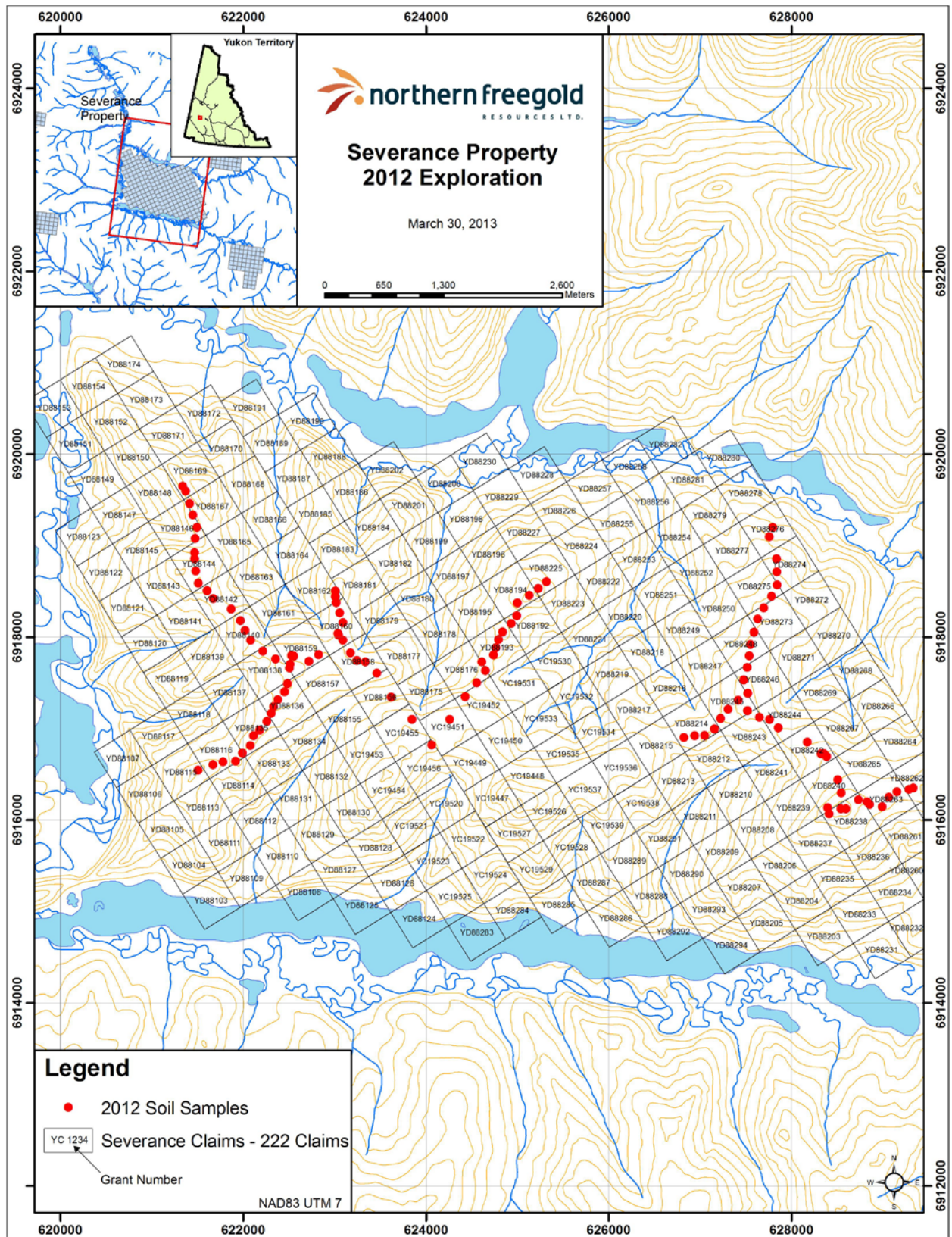




Figure 7. Gold Geochemistry 2012

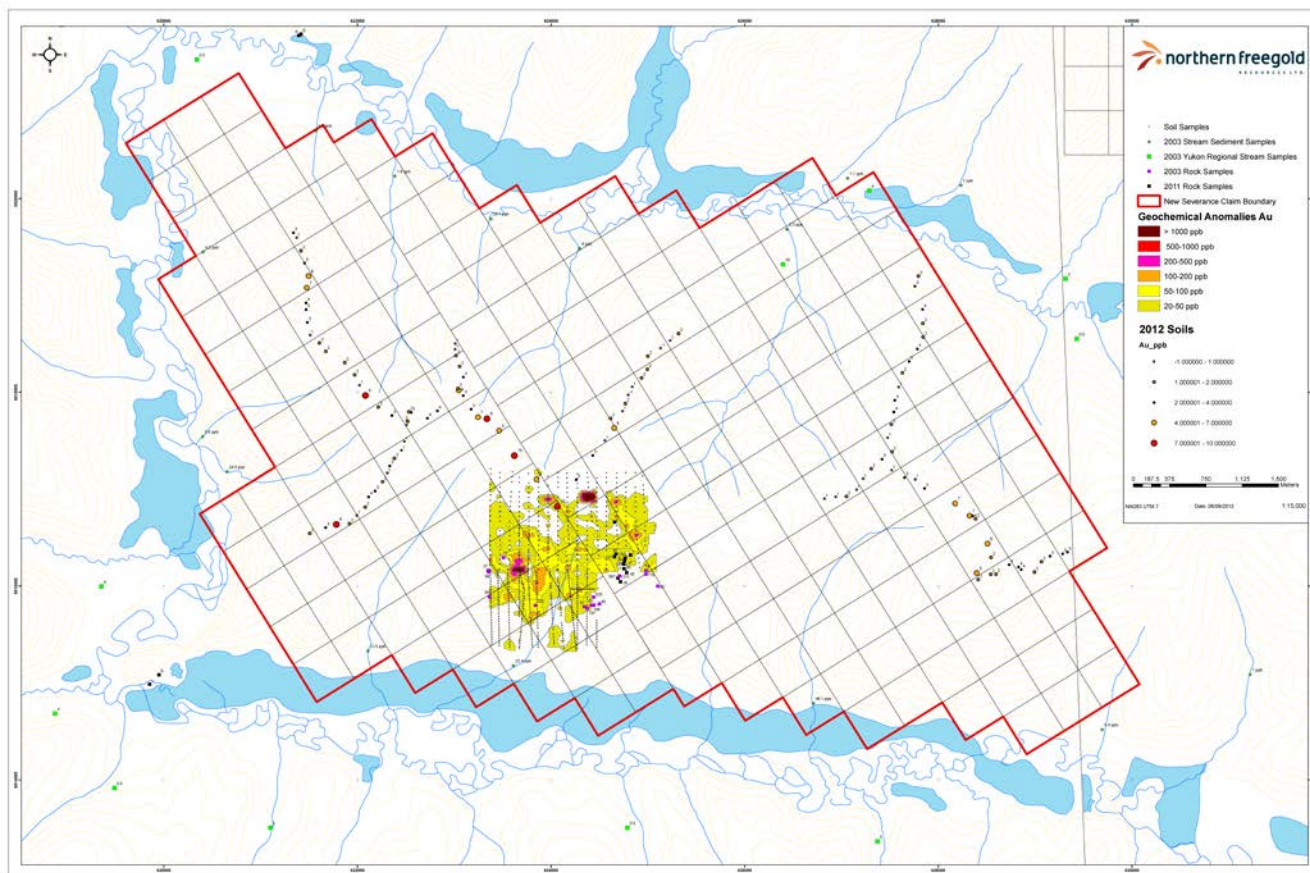


Figure 8. Arsenic Geochemistry 2012

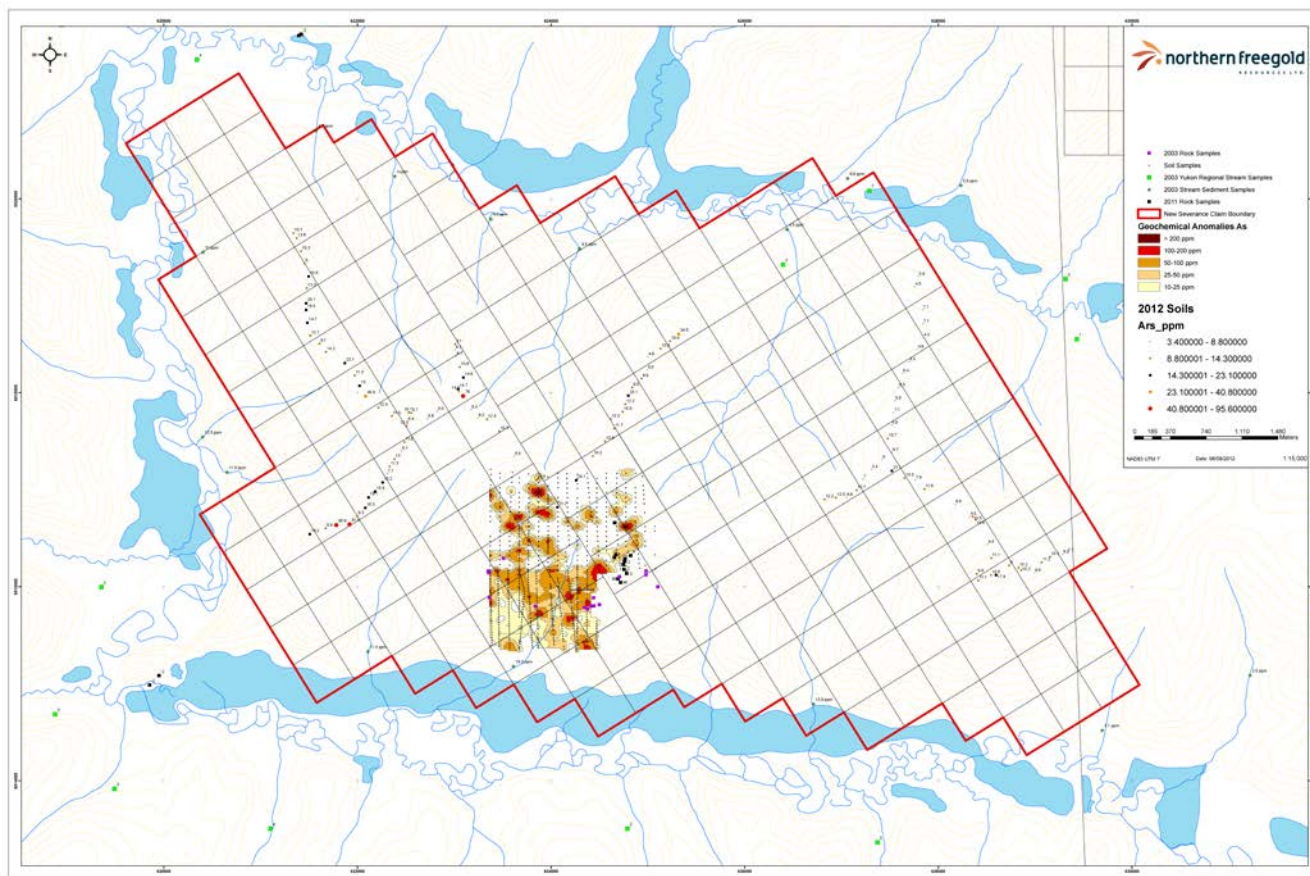




Figure 9. Copper Geochemistry 2012

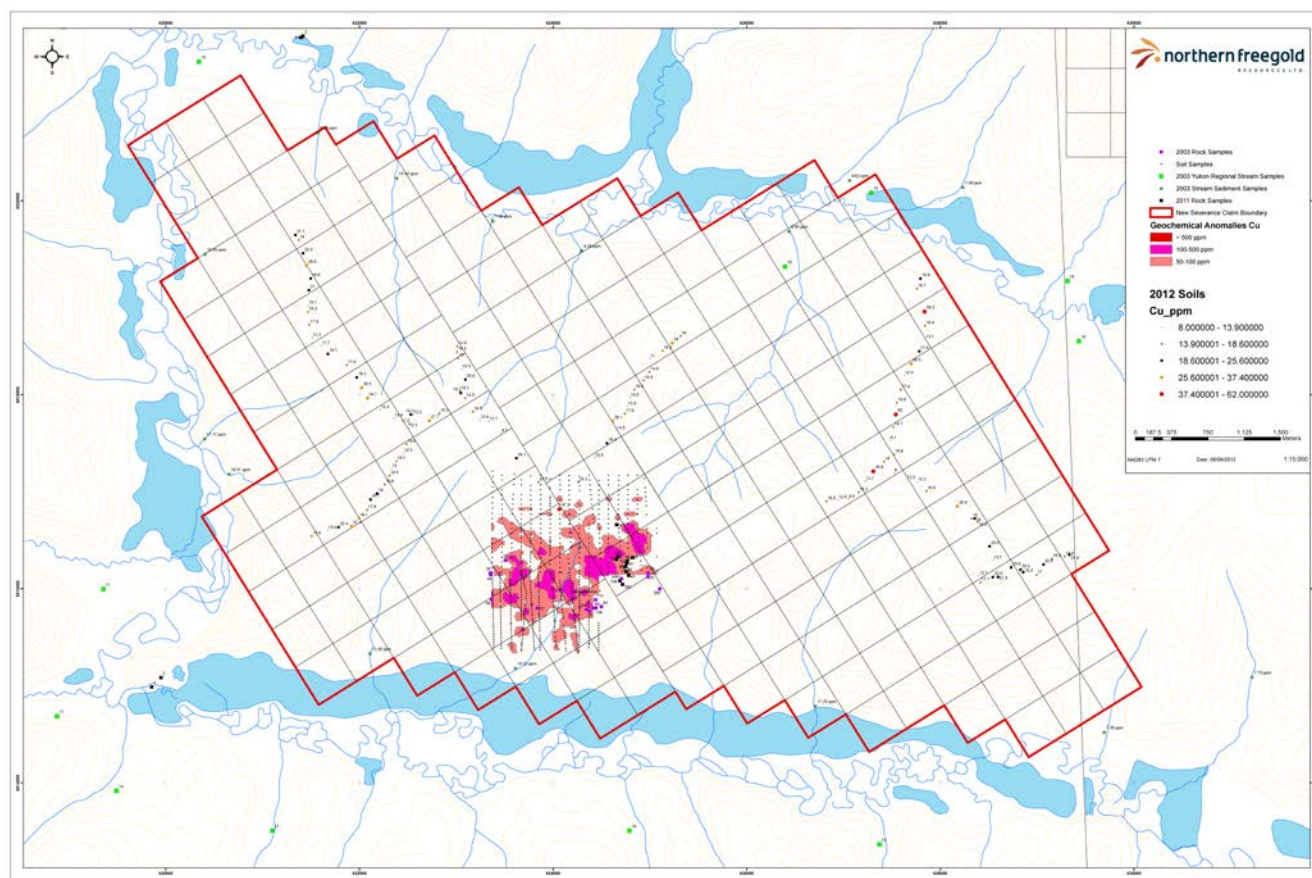


Figure 10. Lead Geochemistry 2012

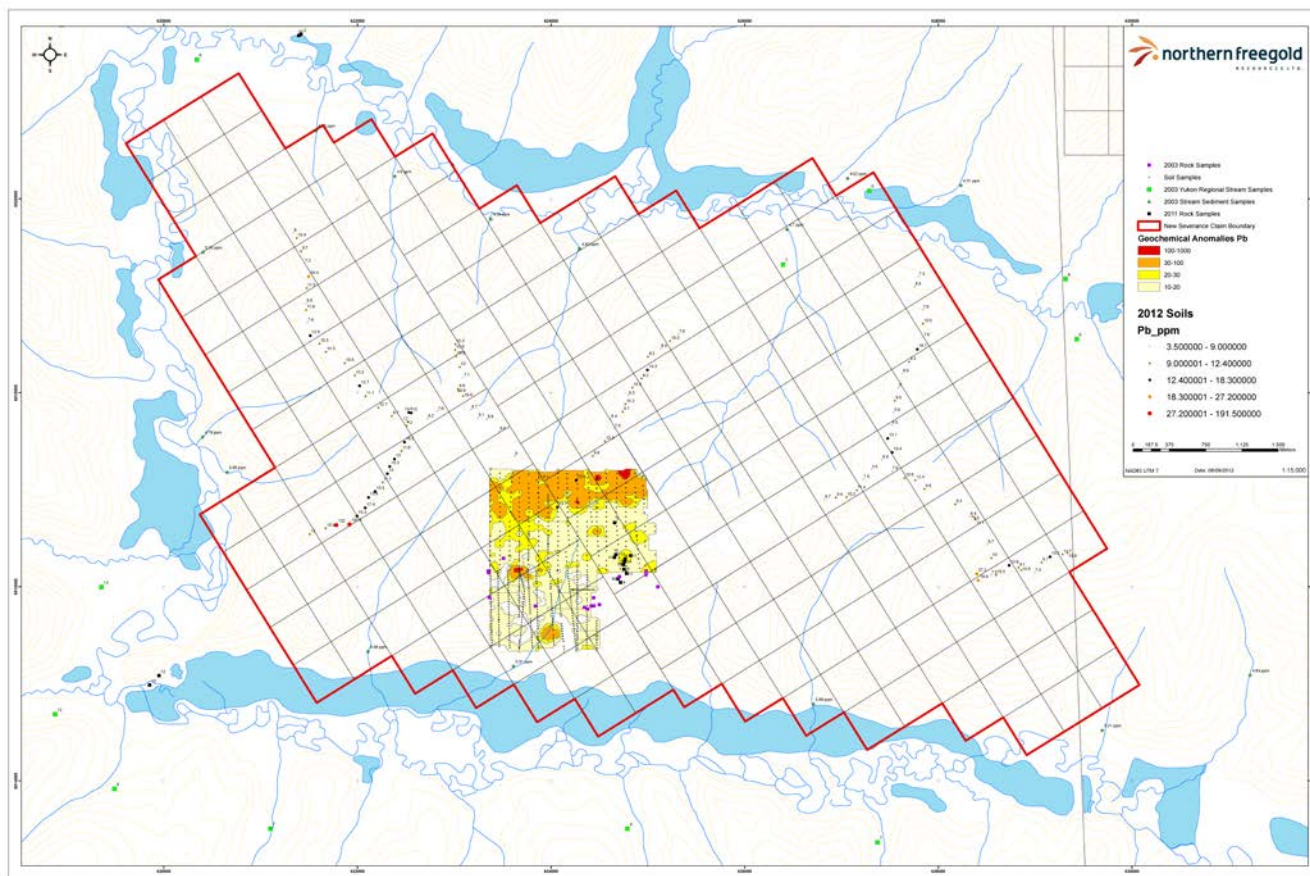




Figure 11. Zinc Geochemistry 2012

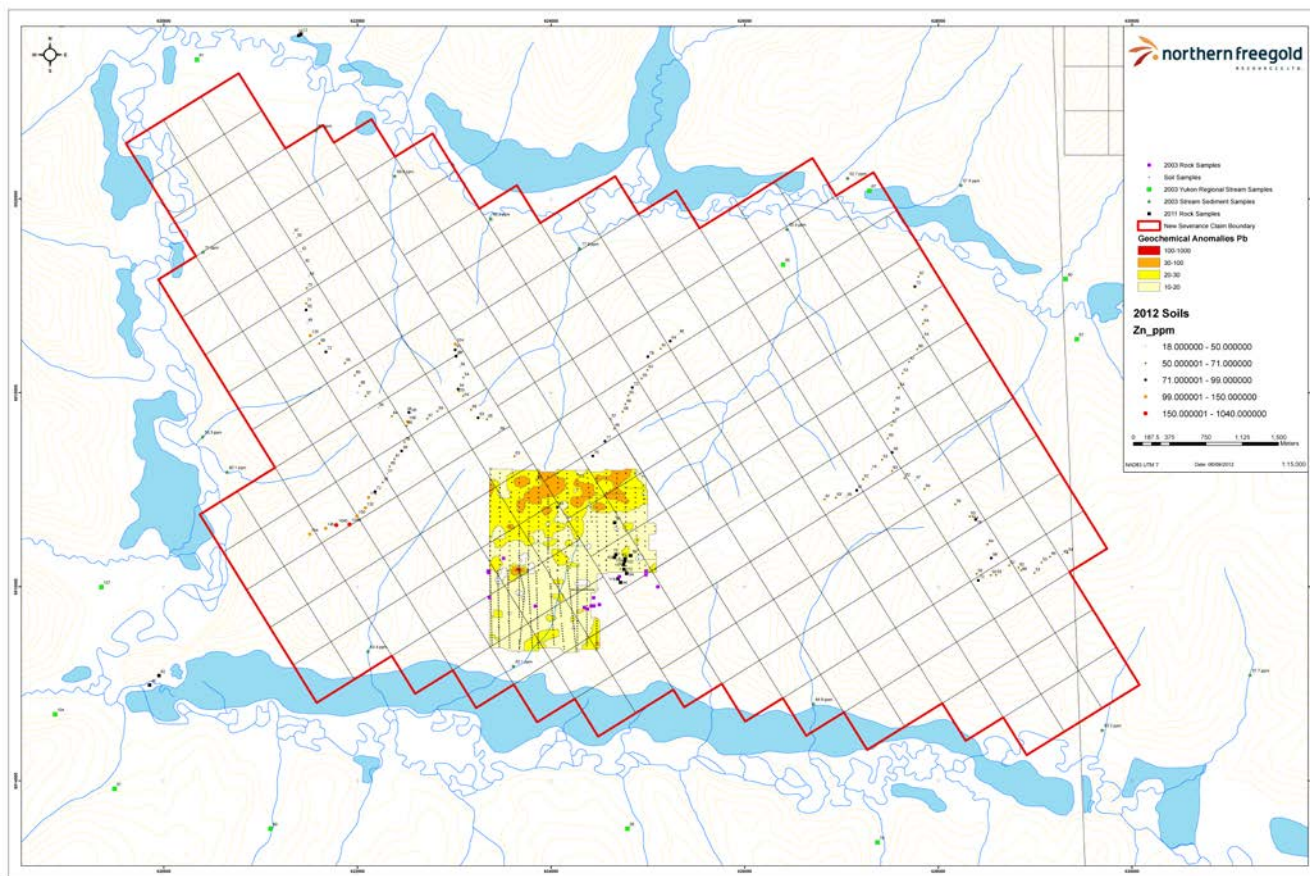
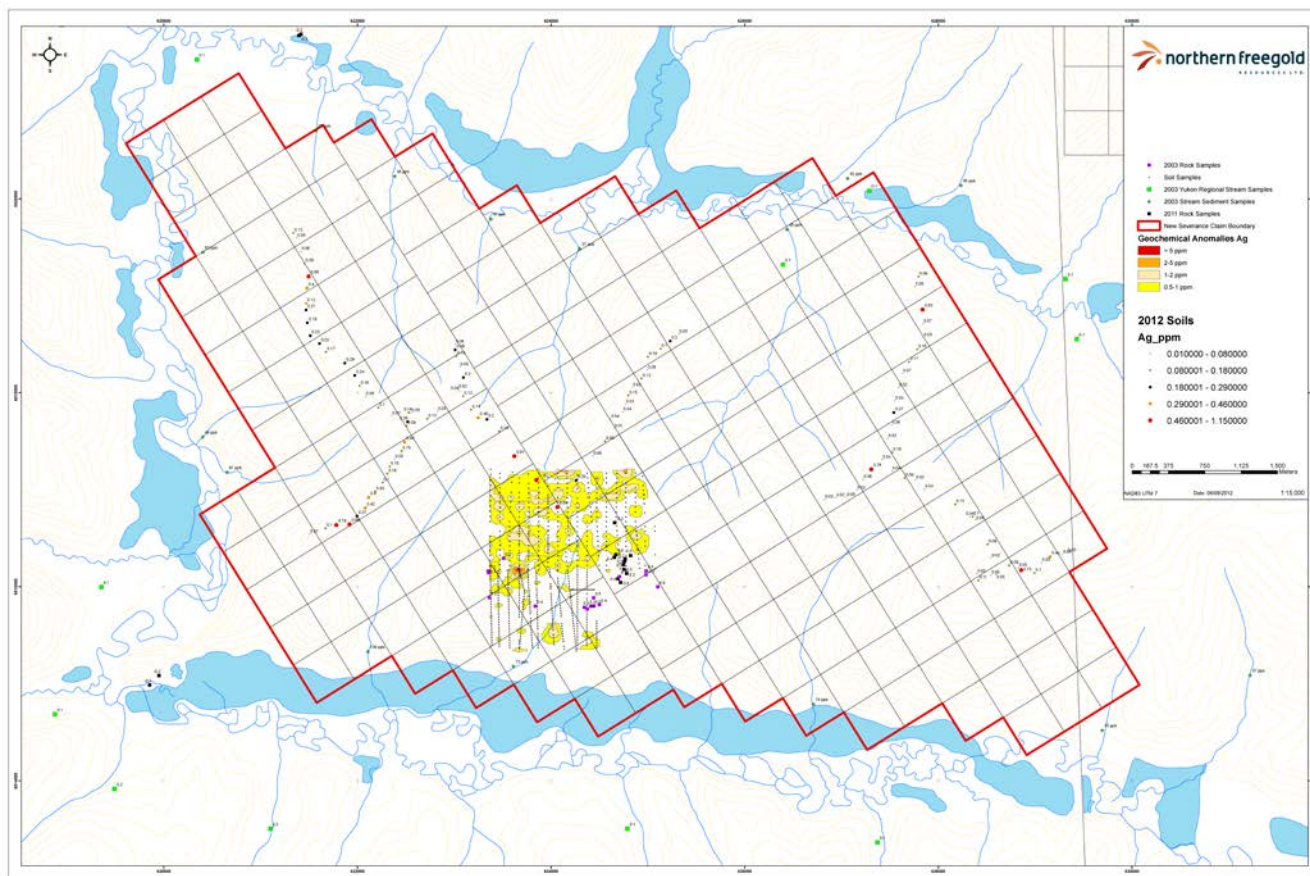


Figure 12. Silver Geochemistry 2012



In general, soils geochemical responses were subdued. There are several spot gold geochemical anomalies and one multielement (Au, As, Pb, Zn, Ag) anomaly on the extreme southwest corner of the sampled area. The multielement anomaly deserves to be followed up with additional soil sampling and prospecting. The spot gold anomalies should be investigated by prospecting if budget permits.

## 11.0 RECOMMENDATIONS

Recommendations for future work on the property are to drill test the chargeability high that coincides with anomalous soil copper-gold-molybdenum and to test spotty chargeability highs on the easternmost IP line. Furthermore, it is recommended to complete the magnetic survey and to conduct infill IP surveying at 100 m line spacing and extend the survey east and westward. If drill testing identifies significant mineralization then soil sample and geophysical grids should be expanded eastward and westward to determine the extents of the mineralizing system.

Four drill targets are recommended to test the chargeability highs, they are:

Coordinate	Azimuth	Dip	Depth
Line 3800E / 5900N	0	-65	150 m
Line 4000E / 5775N	0	-70	175 m
Line 4200E / 5650N	0	-70	100 m
Line 4200E / 5275N	0	-70	100 m

To this end, the following is two-phased program is recommended:

### Phase I Program

- 1) Complete the magnetic survey on the property.
- 2) Fill in the IP survey lines at 100 m spacing from line 3500 E to line 4500 E.
- 3) Drill test three or four of the best targets with an estimated 525 m of drilling.

The budget for Phase I program is estimated at:

Magnetic survey	\$ 15,000
IP Survey (including line cutting)	\$ 60,000
Drilling (525 m @ \$300/m, all inclusive)	<u>\$157,500</u>
Sub total Phase I	<u>\$232,500</u>

### Phase II Program (contingent on significant results from Phase I)

- 1) Extend the soil geochemical and magnetic survey grid to the east and west to determine the extent of the anomalies.
- 2) Extend the IP survey to determine the extent of the mineralization and to define additional drill targets.
- 3) Expand the drill program to delineate the mineralization identified in the first phase program and to test any additional anomalies.



The Budget for the Phase II program is estimated at:

**Phase II**

Soil sampling and magnetic survey	\$ 50,000
IP Survey	\$ 80,000
1000 m of diamond drilling (all inclusive)	\$300,000
Sub total Phase II	<u>\$430,000</u>
Total	<u>\$662,500</u>

Much of this work need not be staged and can be run simultaneously to affect efficiencies with camp, crew and helicopter costs.

**12.0 EXPENDITURES**

**2011**

Field Work

Alan Sexton	- 1 day @ \$750.00	750.00
Clinton Davis	- 3 days @ \$650.00	1,950.00
Holly Chin	- 2 days @ \$450.00	900.00
Duncan Studd	- 1 day @ \$600.00	600.00
Victor Smith	- 1 days @ \$350.00	350.00

Helicopter Charter	- 4.9 hours @ \$1025.00	5,022.50
Jet A Fuel consumed	- 735 litres @ \$1.75	1,286.25

Rock Sample Analysis

Geochemistry	- 20 samples @ \$35.00	700.00
Terraspec	- 20 samples @ \$10.00	200.00

Camp Costs	- 8 person-days @ \$75.00	600.00
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Report Writing

Eric von Bludow	- 9 days @ \$350.00	3,150.00
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**Total 15,508.75**

**2012**

Field Work

Alan Sexton	- 2 days @ \$750.00	1,500.00
Paul Reynolds	- 1 day @ \$750.00	750.00

Eric von Bludow	- 4 days @ \$450.00	1,800.00
Victor Smith	- 4 days @ \$450.00	1,800.00
Helicopter Charter	- 11 hours @ \$1045.00	12,069.75
Jet A Fuel consumed	- 1059 litres @ \$1.50	1667.94
Rock Sample Analysis Geochemistry	- 115 samples @ \$26.16	3,007.94
Camp Costs	- 10 person-days @ \$75.00	750.00

**Total 23,345.63**

### **13.0 REFERENCES**

Casselman, S and Hildes, D, 2004. REPORT ON THE 2004 MINERAL EXPLORATION PROGRAM ON THE SEVERANCE PROPERTY, DAWSON RANGES, YUKON. Yukon Mining Assessment Report 094484

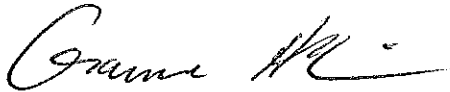
Casselman, S, 2002. 2002 MINERAL EXPLORATION PROGRAM ON THE SEVERANCE PROPERTY. Yukon Mining Assessment Report 094345

#### 14.0 CERTIFICATES

I, Graeme Hopkins, of the City of North Vancouver, in the Province of British Columbia,  
HEREBY CERTIFY:

1. That I am a graduate of University of Victoria (B.Sc. Geography, 1994).
2. That I have been engaged in mineral exploration and development on a full time basis for 5 years.
3. That I am an employee of Bushmaster Exploration Services Ltd. which conducts the fieldwork at the Severence Project for Northern Freegold Resources Ltd.

SIGNED at Vancouver, B.C. this 29th day of April, 2013.



Graeme Hopkins

## STATEMENT OF QUALIFICATIONS

I, Alan J. Sexton, P. Geo. do hereby certify that:

1. I am currently one of the principals of: GeoVector Management Inc., Suite 312, 10 Green St., Nepean, Ontario, K2J 3Z6
2. I graduated with a BSc degree in Geology from St. Mary's University in 1982. In addition, I have obtained a Master of Science in Geology from Acadia University in 1988.
3. I am a member of the Association of Professional Geoscientists of Ontario (member #0563), the Professional Engineers and Geoscientists of Newfoundland & Labrador (member # 04028) and the Association of Professional Engineers, Geologists and Geophysicists of the N.W.T. and Nunavut (member # L1339).
4. I have been employed as a geologist for every field season (May-September) from 1979 to 1984. I have continuously been employed as a geologist since May of 1985.
5. I have prepared this report, which is based on analysis of existing data, as well as field work completed during 2012 under my supervision.

Dated this 15th Day of April, 2013.



Alan Sexton, M.Sc., P. Geo.



## STATEMENT OF QUALIFICATIONS

I, Eric von Bludow do hereby certify that:

1. I graduated with a BSc degree in Geology from Laurentian University in 2008.
2. I have worked as an independent contractor geologist since 2008.
3. I have prepared this report, which is based on analysis of existing data, as well as field work that I was involved in completing during 2012.

Dated this 23th Day of April, 2013.

Eric von Bludow

Eric von Bludow, B.Sc.

# **APPENDIX I**

Assay Certificates



ALS Canada Ltd.  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7  
Phone: 604 984 0221 Fax: 604 984 0218 - www.alsglobal.com

To: BUSHMASTER EXPLORATION SERVICES (2007)  
LTD.  
PO BOX 31293  
WHITEHORSE YT Y1A 5P7

Page: 1  
Finalized Date: 18- NOV- 2011  
Account: BUSHMA

**CERTIFICATE WH11191376**

Project: Revenue

P.O. No.: 11NFR087

This report is for 19 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 20- SEP- 2011.

The following have access to data associated with this certificate:

ALLAN ARMITAGE

GRAEME HOPKINS

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% <2mm
SPL- 21	Split sample - riffle splitter
PUL- 35	Pulv 250 g Split to 95%<106 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA23	Au 30g FA- AA finish	AAS
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: BUSHMASTER EXPLORATION SERVICES (2007) LTD.  
ATTN: GRAEME HOPKINS  
PO BOX 31293  
WHITEHORSE YT Y1A 5P7

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Colin Ramshaw, Vancouver Laboratory Manager





ALS Canada Ltd.  
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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 18- NOV- 2011  
 Account: BUSHMA

Project: Revenue

**CERTIFICATE OF ANALYSIS WH11191376**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- AA23 Au ppm	ME- ICP41 Ag ppm	ME- ICP41 Al %	ME- ICP41 As ppm	ME- ICP41 B ppm	ME- ICP41 Ba ppm	ME- ICP41 Be ppm	ME- ICP41 Bi ppm	ME- ICP41 Ca %	ME- ICP41 Cd ppm	ME- ICP41 Co ppm	ME- ICP41 Cr ppm	ME- ICP41 Cu ppm	ME- ICP41 Fe %
E444301		1.03	0.007	<0.2	2.39	4	<10	80	0.5	<2	1.19	0.5	3	5	27	4.09
E444302		1.53	0.052	<0.2	2.39	<2	<10	100	<0.5	<2	1.23	0.7	4	10	49	3.69
E444303		1.69	0.024	0.5	2.55	<2	<10	110	<0.5	<2	0.56	0.6	3	9	88	5.24
E444304		1.03	<0.005	<0.2	3.01	<2	<10	110	1.3	<2	2.90	2.1	16	55	10	4.97
E444305		1.10	0.029	0.2	2.55	<2	<10	100	0.5	<2	0.94	1.2	2	27	53	3.34
E444306		1.50	0.045	0.3	2.45	<2	<10	170	0.6	<2	0.96	1.0	4	7	67	4.07
E444307		1.05	0.043	0.2	3.05	<2	<10	60	0.6	<2	1.39	0.6	3	6	43	3.66
E444308		1.07	0.030	0.8	1.39	96	<10	110	0.5	<2	0.18	<0.5	4	7	262	3.38
E444309		1.45	0.397	0.4	0.84	96	<10	90	0.5	<2	0.11	<0.5	4	4	156	1.79
E444310		1.22	0.127	0.4	2.10	2	<10	30	0.6	<2	1.03	0.8	3	10	78	2.57
E444311		2.21	0.041	0.5	3.43	<2	<10	500	<0.5	<2	1.15	0.8	9	12	165	5.54
E444312		0.77	<0.005	<0.2	2.50	<2	<10	900	<0.5	<2	0.89	<0.5	9	9	11	3.55
E444313		1.42	<0.005	<0.2	1.40	3	<10	120	0.8	<2	0.96	<0.5	11	24	8	4.13
E444314		1.10	<0.005	0.5	3.05	<2	<10	420	<0.5	<2	1.74	2.3	20	34	16	5.75
E444315		0.85	<0.005	<0.2	0.36	<2	<10	20	0.9	<2	0.23	<0.5	1	5	2	1.01
E444316		0.34	<0.005	<0.2	0.41	<2	<10	30	2.0	<2	0.16	<0.5	1	4	2	1.15
E444317		1.01	<0.005	<0.2	3.70	2	<10	150	0.5	<2	3.33	<0.5	17	6	8	5.59
E444318		1.43	<0.005	<0.2	2.36	<2	<10	170	0.6	<2	1.10	<0.5	15	60	41	4.04
E444319		1.04	<0.005	<0.2	0.20	<2	<10	30	<0.5	<2	0.05	<0.5	2	14	3	0.57



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Page: 2 - B  
 Total # Pages: 2 (A - C)  
 Finalized Date: 18- NOV- 2011  
 Account: BUSHMA

Project: Revenue

**CERTIFICATE OF ANALYSIS WH11191376**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	
		Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm
E444301		10	<1	0.17	20	0.81	438	4	0.15	1	930	11	0.07	<2	5	61
E444302		10	<1	0.22	10	1.19	267	9	0.22	2	660	13	0.17	<2	10	61
E444303		10	<1	0.29	10	1.07	423	21	0.17	<1	680	13	0.48	<2	8	42
E444304		10	<1	0.32	20	1.47	912	<1	0.03	7	2530	5	0.01	<2	10	74
E444305		10	<1	0.17	20	0.84	311	41	0.29	8	540	18	0.20	<2	6	59
E444306		10	<1	0.48	20	0.87	424	2	0.21	<1	920	15	0.15	<2	6	67
E444307		10	<1	0.15	10	0.95	255	3	0.31	<1	970	11	0.10	<2	6	100
E444308		10	<1	0.24	10	0.52	166	25	0.07	<1	550	9	0.04	<2	3	16
E444309		<10	<1	0.35	20	0.10	153	24	0.04	1	360	30	0.02	3	1	10
E444310		10	<1	0.11	10	0.58	189	11	0.23	1	420	11	0.14	<2	5	51
E444311		10	<1	1.51	10	1.37	260	1	0.34	2	670	16	0.58	2	15	77
E444312		10	<1	0.91	20	1.02	541	<1	0.28	1	850	3	0.01	<2	6	62
E444313		10	<1	0.14	20	1.29	641	1	0.16	10	1600	8	0.01	<2	9	46
E444314		10	<1	0.48	20	2.19	1130	<1	0.22	5	1100	28	0.05	<2	11	86
E444315		<10	<1	0.17	20	0.01	89	2	0.10	1	80	13	0.01	<2	<1	4
E444316		10	<1	0.16	10	0.02	184	3	0.10	1	140	12	0.01	<2	<1	3
E444317		10	<1	0.14	30	2.29	857	1	0.29	<1	2510	6	0.06	3	12	193
E444318		10	<1	0.26	30	1.18	368	<1	0.14	30	950	10	0.03	2	10	50
E444319		<10	<1	0.06	<10	0.05	77	<1	0.03	3	50	<2	0.01	<2	<1	3



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Project: Revenue

**CERTIFICATE OF ANALYSIS WH11191376**

Sample Description	Method Analyte Units LOR	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
E444301		<20	0.08	<10	<10	52	<10	89
E444302		<20	0.16	<10	<10	98	<10	87
E444303		<20	0.11	<10	<10	82	<10	102
E444304		<20	0.01	<10	<10	92	<10	119
E444305		<20	0.16	<10	<10	45	<10	151
E444306		<20	0.15	<10	<10	52	<10	112
E444307		<20	0.27	<10	<10	62	<10	84
E444308		<20	0.02	<10	<10	28	<10	44
E444309		<20	<0.01	<10	<10	6	<10	118
E444310		<20	0.14	<10	<10	37	<10	63
E444311		<20	0.33	<10	<10	119	<10	70
E444312		<20	0.30	<10	<10	97	<10	61
E444313		<20	0.36	<10	<10	121	<10	86
E444314		<20	0.29	<10	<10	176	<10	229
E444315		20	0.01	<10	<10	1	<10	45
E444316		30	0.03	<10	<10	2	<10	92
E444317		<20	0.44	<10	<10	141	<10	108
E444318		20	0.31	<10	<10	65	<10	78
E444319		<20	0.01	<10	<10	3	<10	12



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Page: 1  
 Finalized Date: 26- JUL- 2012  
 Account: BUSHMA

**CERTIFICATE WH12158988**

Project: Severance  
 P.O. No.: 12NFR009  
 This report is for 118 Soil samples submitted to our lab in Whitehorse, YT, Canada on 10-JUL-2012.

The following have access to data associated with this certificate:

GRAEME HOPKINS

PAUL REYNOLDS

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 24	Pulp Login - Rcd w/o Barcode
SCR- 41	Screen to - 180um and save both

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au- TL43	Trace Level Au - 25g AR	ICP- MS
ME- MS41	51 anal. aqua regia ICPMS	

To: BUSHMASTER EXPLORATION SERVICES (2007) LTD.  
 ATTN: GRAEME HOPKINS  
 PO BOX 31293  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A  
 Total # Pages: 4 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 26- JUL- 2012  
 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
E523351		0.33	0.010	0.68	3.20	21.2	<0.2	<10	310	0.88	1.19	0.42	0.49	64.7	12.6	36
E523352		0.36	0.009	0.69	2.77	17.7	<0.2	<10	280	0.76	0.99	0.41	0.41	50.0	10.8	34
E523353		0.28	0.003	0.29	2.55	20.1	<0.2	<10	320	0.39	0.52	0.48	1.00	26.7	11.3	27
E523354		0.36	0.003	0.06	1.96	10.2	<0.2	<10	170	0.22	0.21	0.36	0.19	23.0	12.5	26
E523355		0.32	0.001	0.09	3.61	10.8	<0.2	<10	170	0.54	0.20	0.23	0.33	25.8	14.1	35
E523356		0.16	0.006	0.01	2.92	11.7	<0.2	<10	160	0.46	0.16	0.23	0.16	20.1	12.7	36
E523357		0.26	0.002	0.04	2.81	10.3	<0.2	<10	280	0.62	0.19	0.26	0.10	33.6	15.4	43
E523358		0.27	0.001	0.04	3.63	10.9	<0.2	<10	250	0.56	0.14	0.27	0.12	20.5	12.4	37
E523359		0.25	0.002	0.03	3.68	12.2	<0.2	<10	210	0.51	0.20	0.27	0.31	19.55	12.5	26
E523360		<0.02	<0.001	0.15	3.74	23.1	<0.2	<10	370	0.55	0.20	0.56	0.13	29.2	16.1	17
E523361		0.18	0.001	0.02	3.38	9.5	<0.2	<10	690	0.42	0.18	0.42	0.15	18.15	15.2	23
E523362		0.33	0.002	0.12	2.89	9.9	<0.2	<10	240	0.45	0.15	0.20	0.20	19.05	13.6	35
E523363		0.17	0.002	0.08	2.79	8.8	<0.2	<10	200	0.78	0.11	0.18	0.18	34.1	10.4	29
E523364		0.16	0.002	0.16	2.67	4.8	<0.2	<10	310	0.48	0.12	0.48	0.20	22.8	13.1	26
E523365		0.27	<0.001	0.10	3.14	10.3	<0.2	<10	400	0.52	0.22	0.42	0.16	54.7	15.8	18
E523366		0.21	0.001	0.20	4.36	10.4	<0.2	<10	360	0.58	0.16	0.24	0.19	24.5	17.2	28
E523367		0.19	0.002	0.03	2.67	34.5	<0.2	<10	180	0.84	0.50	0.17	0.06	27.7	10.9	22
E523368		0.38	0.005	1.15	2.43	10.1	<0.2	<10	190	0.54	0.25	0.41	0.12	41.1	10.9	32
E523369		0.14	0.010	0.91	2.15	8.6	<0.2	<10	340	0.49	0.20	1.30	0.34	41.2	9.4	28
E523370		0.05	0.470	2.72	1.21	14.3	0.5	<10	110	0.23	1.15	0.79	0.30	16.20	8.7	49
E523371		0.15	0.005	0.15	1.53	10.3	<0.2	<10	90	0.21	0.20	0.12	0.19	16.75	5.2	18
E523372		0.49	0.009	0.20	2.26	12.4	<0.2	<10	370	0.41	0.17	1.19	0.14	39.7	13.7	21
E523373		0.39	0.007	0.46	2.22	6.2	<0.2	<10	310	0.39	0.14	1.05	0.26	54.7	14.1	17
E523374		0.15	0.003	0.14	1.95	6.4	<0.2	<10	210	0.28	0.15	1.08	0.15	28.3	11.5	24
E523375		0.31	0.003	0.12	2.17	76.0	<0.2	<10	200	0.24	0.92	0.18	0.35	27.0	10.0	22
E523376		0.28	0.006	0.04	3.56	14.3	<0.2	<10	100	0.43	0.25	0.19	0.24	21.4	10.4	29
E523377		0.32	0.004	0.03	2.28	5.5	<0.2	<10	230	0.41	0.16	0.42	0.10	36.8	11.8	27
E523378		0.49	0.004	0.13	2.42	6.9	<0.2	<10	250	0.43	0.17	0.71	0.15	48.5	11.8	37
E523379		0.30	0.002	0.26	1.99	6.4	<0.2	<10	290	0.35	0.18	0.25	0.34	22.5	11.9	34
E523380		0.27	0.002	0.16	2.23	10.7	<0.2	<10	130	0.39	0.24	0.15	0.34	20.4	8.4	34
E523381		0.35	0.003	0.07	2.71	11.5	<0.2	<10	140	0.36	0.24	0.29	0.17	21.7	12.2	32
E523382		0.23	0.002	0.10	1.96	10.4	<0.2	<10	110	0.29	0.22	0.25	0.14	19.45	8.2	27
E523383		0.31	0.009	0.06	2.54	40.8	<0.2	<10	180	0.37	0.19	0.14	0.17	18.65	10.8	65
E523384		0.37	0.001	0.16	2.60	15.0	<0.2	<10	290	0.39	0.17	0.22	0.18	22.0	13.9	54
E523385		0.24	0.002	0.24	3.12	11.3	<0.2	<10	220	0.46	0.18	0.15	0.26	17.05	13.5	52
E523386		0.37	0.002	0.29	2.17	23.1	<0.2	<10	180	0.42	0.17	0.23	0.24	18.85	9.3	44
E523387		0.34	0.002	0.17	3.10	14.2	<0.2	<10	270	0.35	0.27	0.21	0.14	17.50	15.5	43
E523388		0.28	0.002	0.22	1.96	9.1	<0.2	<10	170	0.31	0.21	0.26	0.30	19.55	10.6	27
E523389		0.38	0.001	0.23	3.59	12.7	<0.2	<10	150	0.48	0.22	0.14	0.74	18.15	14.7	34
E523390		0.24	0.003	0.19	1.65	14.7	<0.2	<10	300	0.17	0.25	0.19	0.89	19.40	7.7	13

\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*



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Page: 2 - B  
 Total # Pages: 4 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 26-JUL-2012  
 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
E523351		2.20	47.2	3.86	9.08	0.16	0.07	0.07	0.066	0.09	40.8	16.5	0.70	484	1.49	0.02
E523352		1.96	39.7	3.30	8.41	0.14	0.05	0.08	0.056	0.08	30.7	15.2	0.61	359	1.36	0.01
E523353		1.49	18.2	3.48	8.94	0.10	0.07	0.03	0.049	0.15	12.8	15.8	0.81	495	0.84	0.02
E523354		1.52	10.5	3.52	8.96	0.08	0.06	0.02	0.032	0.13	10.4	15.6	0.75	666	1.24	0.02
E523355		2.15	19.4	4.75	12.65	0.09	0.17	0.03	0.039	0.10	9.0	22.8	0.85	404	1.79	0.01
E523356		1.44	13.8	3.95	7.79	0.08	0.07	0.03	0.038	0.08	9.5	20.6	0.59	373	0.93	0.01
E523357		1.28	28.1	3.61	7.76	0.10	0.30	0.02	0.037	0.06	14.5	16.5	0.66	480	0.93	0.02
E523358		1.95	17.9	4.08	11.80	0.08	0.16	0.02	0.038	0.07	9.4	18.7	0.85	328	1.02	0.02
E523359		2.35	13.9	4.86	14.05	0.09	0.07	0.04	0.036	0.08	8.0	25.8	0.71	557	1.38	0.01
E523360		3.51	10.6	4.72	12.40	0.11	0.11	0.02	0.045	0.33	8.7	20.1	1.29	627	0.51	0.02
E523361		2.72	16.9	4.23	10.70	0.08	0.12	0.02	0.035	0.21	6.4	22.6	0.90	591	0.96	0.01
E523362		1.62	16.8	3.58	8.93	0.07	0.14	0.01	0.034	0.07	8.2	17.7	0.75	402	1.34	0.01
E523363		3.15	14.9	3.55	8.57	0.08	0.16	0.01	0.040	0.07	12.9	18.0	0.61	568	1.26	0.01
E523364		2.11	11.0	4.10	9.79	0.08	0.05	0.01	0.039	0.07	10.1	13.7	0.73	405	2.29	0.02
E523365		3.70	16.2	4.38	11.30	0.10	0.06	0.03	0.039	0.20	14.6	24.8	1.09	682	1.12	0.02
E523366		4.40	34.0	5.77	14.75	0.09	0.10	0.02	0.052	0.22	9.0	25.9	1.25	499	1.07	0.02
E523367		4.13	16.0	3.61	6.05	0.07	0.06	0.06	0.356	0.09	13.9	15.0	0.62	278	22.1	0.01
E523368		1.62	18.5	2.96	7.71	0.10	0.07	0.06	0.084	0.06	17.0	16.2	0.66	463	3.65	0.02
E523369		2.11	24.1	2.70	5.99	0.10	0.06	0.10	0.044	0.06	23.5	11.5	0.61	688	1.00	0.02
E523370		0.64	8130	2.60	4.17	0.09	0.25	0.12	0.048	0.10	8.1	7.6	0.57	401	348	0.08
E523371		1.42	9.3	2.54	9.15	0.05	0.03	0.01	0.017	0.06	8.4	8.6	0.32	273	1.51	<0.01
E523372		2.85	12.1	3.60	8.32	0.09	0.06	0.03	0.035	0.11	22.3	19.1	0.78	1040	1.53	0.02
E523373		2.79	13.6	3.97	8.91	0.13	0.07	0.03	0.047	0.15	27.2	19.8	1.05	947	1.12	0.02
E523374		1.68	18.6	3.23	8.02	0.09	0.06	0.05	0.041	0.08	13.6	15.4	0.81	549	1.43	0.02
E523375		2.55	14.3	5.21	11.45	0.09	0.05	0.03	0.035	0.21	12.6	13.1	0.74	429	5.41	0.02
E523376		2.05	19.7	5.90	14.80	0.09	0.14	0.04	0.046	0.09	9.9	21.2	0.69	312	3.05	0.01
E523377		2.47	16.3	3.51	9.40	0.11	0.08	0.02	0.040	0.14	18.0	16.1	0.91	553	1.36	0.02
E523378		1.83	27.7	3.66	8.42	0.13	0.16	0.05	0.042	0.12	26.4	15.5	0.89	454	1.40	0.03
E523379		1.29	17.2	3.40	8.31	0.07	0.05	0.02	0.032	0.03	11.5	10.0	0.42	795	1.29	0.01
E523380		1.18	19.3	4.04	10.85	0.07	0.04	0.03	0.036	0.04	9.6	10.8	0.30	506	2.19	0.01
E523381		2.04	13.4	4.35	10.65	0.08	0.07	0.02	0.041	0.09	10.2	19.3	0.84	451	2.26	0.01
E523382		1.31	10.4	3.07	10.50	0.07	0.09	0.02	0.032	0.05	10.1	17.3	0.51	167	8.41	0.01
E523383		2.37	34.1	5.07	11.90	0.08	0.10	0.02	0.046	0.09	9.0	23.3	0.88	436	3.69	0.01
E523384		1.84	28.5	3.89	10.70	0.08	0.05	0.04	0.037	0.08	10.5	17.7	0.75	682	1.95	0.01
E523385		1.96	19.2	4.08	9.96	0.07	0.11	0.02	0.039	0.07	8.2	17.0	0.69	242	1.37	0.01
E523386		1.74	17.5	3.62	8.67	0.07	0.09	0.02	0.033	0.07	9.2	19.9	0.63	228	2.39	0.01
E523387		2.16	19.1	4.31	10.10	0.07	0.14	0.02	0.040	0.06	9.6	19.1	0.68	403	2.01	0.02
E523388		0.73	11.7	3.37	7.47	0.06	0.02	0.01	0.025	0.11	10.4	11.9	0.49	439	1.97	0.01
E523389		3.48	12.3	6.04	13.80	0.08	0.12	0.02	0.049	0.11	9.5	27.6	0.71	387	2.80	0.01
E523390		2.20	17.9	2.80	8.72	0.06	0.02	0.02	0.023	0.10	9.9	9.7	0.40	600	2.53	0.02

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: BUSHMASTER EXPLORATION SERVICES (2007)  
 LTD.  
 PO BOX 31293  
 WHITEHORSE YT Y1A 5P7

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 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
E523351		1.53	26.5	710	13.1	14.3	<0.001	0.05	0.55	9.6	1.6	1.0	39.9	0.01	0.19	4.0
E523352		1.33	23.8	650	12.6	12.6	<0.001	0.04	0.48	8.1	1.3	0.9	40.0	0.01	0.16	2.7
E523353		2.38	18.3	620	15.9	19.2	<0.001	0.04	0.39	5.8	0.3	1.0	30.2	<0.01	0.01	5.0
E523354		1.82	14.4	420	9.9	18.1	<0.001	0.03	0.30	5.3	0.2	0.9	26.5	<0.01	0.02	4.4
E523355		3.18	22.1	440	10.3	17.6	<0.001	0.03	0.65	5.8	0.4	1.1	16.0	0.02	0.03	5.7
E523356		1.93	23.6	610	7.5	11.1	<0.001	0.04	0.47	5.1	0.3	0.6	18.7	0.01	0.02	2.7
E523357		1.08	28.8	330	8.4	10.8	<0.001	0.03	0.47	7.8	0.5	0.7	25.1	0.01	0.04	5.3
E523358		2.09	24.5	210	9.1	16.5	<0.001	0.03	0.49	5.0	0.2	1.1	30.1	<0.01	0.03	8.3
E523359		4.30	18.2	750	10.2	16.2	<0.001	0.04	0.60	4.6	0.3	1.2	16.3	0.03	0.04	5.0
E523360		4.06	14.3	470	8.3	42.6	<0.001	0.03	0.52	8.8	0.3	1.5	42.4	0.01	0.01	9.8
E523361		2.71	19.7	570	10.3	27.4	<0.001	0.03	0.47	5.2	<0.2	1.0	56.2	0.01	0.01	5.7
E523362		1.66	19.7	240	9.2	14.8	<0.001	0.03	0.46	4.8	0.3	0.8	24.3	<0.01	0.02	5.8
E523363		1.00	20.0	260	14.3	14.3	<0.001	0.03	0.44	4.8	0.2	0.7	21.1	<0.01	0.01	3.9
E523364		1.51	18.1	440	9.2	13.8	<0.001	0.03	0.39	5.8	<0.2	0.9	33.5	<0.01	0.01	3.8
E523365		1.34	13.0	590	6.3	26.5	<0.001	0.04	0.46	9.0	0.2	1.1	33.8	<0.01	<0.01	17.0
E523366		3.36	20.4	260	10.3	35.4	<0.001	0.03	0.52	7.8	<0.2	1.9	21.7	<0.01	0.02	7.5
E523367		0.71	14.4	170	7.8	15.5	<0.001	0.03	0.64	6.0	0.3	0.5	13.4	<0.01	0.04	9.6
E523368		1.57	19.8	520	11.4	11.0	<0.001	0.03	0.37	6.9	0.7	0.7	28.0	0.01	0.02	5.2
E523369		1.17	17.1	1010	9.0	12.8	<0.001	0.09	0.73	5.8	1.0	0.6	63.9	0.01	0.01	2.3
E523370		0.35	25.9	500	7.1	5.2	0.140	0.65	1.56	3.6	1.3	0.6	40.5	<0.01	0.29	1.4
E523371		1.82	8.4	260	8.8	15.3	<0.001	0.03	0.38	3.0	0.2	0.8	13.6	<0.01	0.02	1.3
E523372		1.53	12.2	620	8.9	18.5	<0.001	0.07	0.36	7.3	0.5	0.7	59.3	0.01	0.03	5.7
E523373		1.89	10.9	980	5.1	21.0	<0.001	0.06	0.36	10.2	0.8	1.0	52.7	0.01	0.01	7.1
E523374		1.86	13.1	710	6.7	16.5	<0.001	0.10	0.34	7.1	0.2	0.9	59.3	<0.01	<0.01	3.4
E523375		2.30	12.0	510	10.8	40.3	<0.001	0.13	0.92	5.9	<0.2	1.0	30.5	<0.01	0.02	5.9
E523376		4.54	16.8	900	9.9	19.1	<0.001	0.04	0.64	5.0	<0.2	1.1	12.9	0.04	0.04	6.2
E523377		2.11	16.9	470	7.6	24.9	<0.001	0.03	0.31	6.5	<0.2	0.9	26.7	0.01	<0.01	6.9
E523378		1.74	20.4	570	8.2	22.1	<0.001	0.04	0.43	9.8	0.6	0.9	36.1	0.01	<0.01	8.1
E523379		1.32	19.3	220	12.0	12.2	<0.001	0.03	0.50	4.1	<0.2	0.8	24.4	<0.01	0.01	2.5
E523380		1.76	18.2	330	14.6	9.4	<0.001	0.03	0.76	3.3	<0.2	1.0	14.8	0.01	0.01	1.7
E523381		2.16	18.0	430	9.7	17.5	<0.001	0.03	0.40	5.2	<0.2	1.0	19.3	<0.01	0.01	3.4
E523382		2.08	15.0	220	10.7	13.1	<0.001	0.03	0.30	4.0	<0.2	0.9	19.9	<0.01	<0.01	3.0
E523383		2.31	31.2	420	11.1	16.8	<0.001	0.03	0.93	5.6	<0.2	0.8	14.6	<0.01	0.03	2.7
E523384		2.25	30.4	410	12.7	17.3	<0.001	0.03	0.43	5.9	<0.2	0.8	18.8	<0.01	0.02	2.9
E523385		1.47	27.1	200	10.2	18.0	<0.001	0.03	0.54	5.0	<0.2	0.8	16.2	<0.01	0.01	2.3
E523386		1.65	24.9	350	10.5	12.9	<0.001	0.02	0.57	4.4	<0.2	0.7	18.4	<0.01	0.01	3.0
E523387		2.43	27.4	300	10.3	16.5	<0.001	0.01	0.41	5.1	0.3	0.8	21.6	<0.01	0.03	3.3
E523388		1.45	16.1	240	10.5	8.5	<0.001	0.01	0.42	3.2	0.2	0.6	23.1	<0.01	0.02	3.0
E523389		4.10	21.4	530	12.8	25.7	<0.001	0.02	0.68	5.9	0.4	0.9	14.2	0.01	0.04	5.7
E523390		1.07	5.6	670	7.6	19.7	<0.001	0.02	0.24	5.3	0.3	0.6	19.1	<0.01	0.02	3.1

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*





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To: BUSHMASTER EXPLORATION SERVICES (2007)  
 LTD.  
 PO BOX 31293  
 WHITEHORSE YT Y1A 5P7

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Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Tl % 0.005	Tl ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5
E523351		0.090	0.17	2.84	76	0.24	30.2	83	1.7
E523352		0.082	0.15	2.41	67	0.23	25.1	70	1.1
E523353		0.180	0.17	0.91	86	0.22	6.78	115	2.6
E523354		0.140	0.14	0.66	89	0.20	4.62	75	2.0
E523355		0.242	0.17	0.75	117	0.25	4.84	77	6.5
E523356		0.102	0.13	0.69	76	0.26	4.43	65	2.4
E523357		0.128	0.12	1.07	78	0.20	8.67	57	13.2
E523358		0.207	0.19	0.50	107	0.22	3.49	69	6.4
E523359		0.256	0.14	0.50	121	0.79	4.33	69	3.0
E523360		0.304	0.26	0.89	126	0.33	6.54	65	3.0
E523361		0.240	0.18	0.53	104	0.31	4.10	72	3.9
E523362		0.121	0.14	0.62	87	0.25	3.64	55	5.3
E523363		0.033	0.14	0.67	63	0.18	5.56	63	6.4
E523364		0.083	0.15	0.69	93	0.27	3.86	79	1.9
E523365		0.088	0.19	1.33	102	2.25	8.75	61	1.6
E523366		0.335	0.27	0.74	153	0.63	4.74	84	3.4
E523367		0.026	0.39	1.28	69	1.90	4.05	46	1.8
E523368		0.118	0.16	1.39	68	0.44	10.95	62	2.2
E523369		0.067	0.14	3.21	59	0.17	24.7	63	1.6
E523370		0.109	0.09	0.82	51	22.5	9.70	57	7.4
E523371		0.084	0.16	0.43	77	0.10	2.14	38	1.1
E523372		0.068	0.14	2.29	79	0.24	9.97	65	1.6
E523373		0.103	0.16	3.63	95	0.22	21.0	93	1.4
E523374		0.122	0.14	1.86	82	0.27	9.99	68	1.7
E523375		0.136	0.28	1.68	132	0.66	6.01	54	1.5
E523376		0.282	0.17	0.92	136	0.49	4.47	53	5.1
E523377		0.136	0.20	1.34	86	0.29	7.75	59	2.6
E523378		0.153	0.17	2.48	88	0.25	20.6	67	5.6
E523379		0.088	0.13	0.69	86	0.15	6.01	106	2.0
E523380		0.089	0.13	0.63	103	0.16	3.52	95	1.6
E523381		0.148	0.14	0.61	106	0.93	4.58	64	2.6
E523382		0.142	0.12	0.55	92	0.34	4.25	38	3.4
E523383		0.125	0.14	0.50	123	0.27	4.14	67	3.9
E523384		0.134	0.15	0.58	104	0.22	4.45	68	2.2
E523385		0.144	0.14	0.40	108	0.24	3.42	68	4.7
E523386		0.105	0.11	0.52	88	0.21	3.87	55	3.5
E523387		0.127	0.12	0.63	105	0.21	4.18	72	5.8
E523388		0.046	0.09	0.67	77	0.11	2.32	66	0.7
E523389		0.171	0.15	0.73	141	0.18	3.34	120	5.3
E523390		0.058	0.10	0.70	49	0.20	4.80	49	0.7

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Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
E523391		0.23	0.002	0.12	2.15	20.9	<0.2	<10	380	0.25	0.36	0.25	0.83	24.7	10.9	15
E523392		0.44	0.003	0.21	2.17	15.5	<0.2	<10	300	0.40	0.14	0.90	0.12	35.4	10.5	27
E523393		0.45	0.004	0.12	1.95	20.1	<0.2	<10	280	0.29	0.18	0.83	0.16	31.7	12.0	15
E523394		0.43	0.007	0.40	1.89	13.3	<0.2	<10	370	0.46	0.20	0.62	0.16	42.4	9.2	25
E523395		0.38	0.006	0.66	1.56	15.6	<0.2	<10	420	1.10	0.43	0.39	0.35	72.9	8.5	21
E523396		0.32	0.003	0.09	1.64	9.0	<0.2	<10	290	0.59	0.15	1.20	0.18	25.9	10.1	31
E523397		0.42	0.002	0.06	2.25	10.3	<0.2	<10	180	0.66	0.18	0.47	0.27	31.8	12.3	41
E523398		0.18	0.001	0.08	2.46	13.6	<0.2	<10	260	0.65	0.19	0.61	0.16	29.5	14.5	46
E523399		0.29	0.003	0.12	2.41	10.1	<0.2	<10	270	0.52	0.16	0.72	0.15	25.5	14.0	42
E523400		0.22	0.002	0.07	3.32	18.2	<0.2	<10	190	0.40	0.23	0.23	0.40	20.7	11.9	60
E523401		0.27	0.003	0.10	3.09	8.9	<0.2	<10	370	0.34	0.22	0.27	0.67	12.30	17.0	31
E523402		0.32	0.008	0.78	4.56	95.6	<0.2	<10	350	0.60	2.20	0.45	5.57	17.05	19.7	30
E523403		0.29	0.002	0.86	4.23	81.9	<0.2	<10	270	0.71	0.79	0.26	4.93	20.4	17.6	29
E523404		0.29	0.001	0.27	3.78	9.3	<0.2	<10	260	0.57	0.27	0.32	0.85	20.2	17.7	31
E523405		0.51	0.002	0.42	3.93	16.3	<0.2	<10	200	0.74	0.29	0.37	1.41	27.0	15.1	38
E523406		0.37	0.004	0.40	3.55	19.1	<0.2	<10	270	0.41	0.41	0.18	1.39	15.00	14.7	39
E523407		0.52	0.003	0.09	3.00	15.8	<0.2	<10	240	0.50	0.31	0.18	0.63	20.4	14.3	38
E523408		0.31	0.002	0.10	2.62	15.2	<0.2	<10	160	0.40	0.35	0.20	0.26	19.65	11.7	37
E523409		0.19	0.001	0.16	1.62	7.1	<0.2	<10	260	0.42	0.28	0.31	0.71	26.2	5.0	22
E523410		0.05	0.562	3.00	1.22	14.2	0.6	<10	110	0.21	1.45	0.80	0.09	12.55	11.3	51
E523411		0.36	0.003	0.16	3.19	11.3	<0.2	<10	210	0.42	0.16	0.83	0.13	34.7	13.7	15
E523412		0.41	0.002	0.03	3.15	13.0	<0.2	<10	230	0.43	0.28	0.23	0.20	24.2	15.7	36
E523413		0.34	0.001	0.15	2.84	8.1	<0.2	<10	220	0.37	0.20	0.24	0.26	15.30	13.4	27
E523414		0.35	0.001	0.44	2.56	11.6	<0.2	<10	210	0.40	0.25	0.23	0.14	15.95	11.1	36
E523415		0.36	0.001	0.09	4.41	12.3	<0.2	<10	170	0.85	0.47	0.16	0.09	31.8	16.6	26
E523416		0.43	0.003	0.05	2.14	9.7	<0.2	<10	130	0.37	0.30	0.15	0.16	23.0	7.1	29
E523417		0.33	0.001	0.06	3.06	9.1	<0.2	<10	180	0.51	0.18	0.28	0.30	15.55	13.4	28
E523418		0.33	0.001	0.26	2.82	8.3	<0.2	<10	370	0.40	0.19	0.29	0.22	16.40	15.0	34
E523419		0.42	0.002	0.14	2.99	8.1	<0.2	<10	310	0.45	0.20	0.34	0.29	17.90	16.9	33
E523420		0.17	0.002	0.05	2.15	10.8	<0.2	<10	120	0.21	0.23	0.21	0.11	16.50	6.7	33
E523421		0.36	0.004	0.20	3.19	14.6	<0.2	<10	220	0.54	0.16	0.24	0.18	24.1	12.6	31
E523422		0.30	0.002	0.02	4.37	14.7	<0.2	<10	290	0.67	0.89	0.14	0.11	33.0	20.6	28
E523423		0.31	0.003	0.03	2.16	7.1	<0.2	<10	180	0.59	0.15	0.42	0.10	27.3	12.1	38
E523424		0.12	0.003	0.06	1.66	8.3	<0.2	<10	110	0.31	0.29	0.14	0.19	14.50	7.2	24
E523425		0.20	0.003	0.44	2.54	10.2	<0.2	<10	110	0.61	0.27	0.18	0.20	19.45	10.4	32
E523426		0.36	0.002	0.05	2.95	11.2	<0.2	<10	120	0.63	0.21	0.24	0.17	20.7	11.4	41
E523427		0.20	0.002	0.10	2.58	6.6	<0.2	<10	230	0.43	0.22	0.41	0.09	26.3	13.1	31
E523428		0.19	0.001	0.03	3.73	12.2	<0.2	<10	280	0.56	0.19	0.26	0.19	20.2	14.8	30
E523429		0.20	0.001	0.02	3.05	12.5	<0.2	<10	250	0.56	0.15	0.13	0.19	20.1	16.3	30
E523430		0.13	0.002	0.05	1.24	6.8	<0.2	<10	120	0.24	0.22	0.20	0.18	21.4	5.1	16

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: BUSHMASTER EXPLORATION SERVICES (2007)  
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 WHITEHORSE YT Y1A 5P7

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Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
E523391		3.19	21.4	3.72	10.25	0.07	0.04	0.02	0.033	0.12	11.8	17.6	0.55	962	3.32	0.02
E523392		3.46	15.3	3.73	7.46	0.09	0.06	0.02	0.044	0.11	18.6	17.0	0.68	514	2.43	0.03
E523393		2.36	10.1	3.88	7.05	0.10	0.04	0.02	0.031	0.08	15.1	16.4	0.68	880	2.12	0.02
E523394		2.91	21.0	2.90	6.08	0.08	0.04	0.03	0.036	0.09	24.8	15.1	0.47	436	1.41	0.01
E523395		4.35	19.8	2.55	5.24	0.23	0.08	0.03	0.036	0.14	88.2	13.3	0.38	462	1.49	0.01
E523396		1.03	29.8	2.49	4.98	0.08	0.08	0.02	0.028	0.06	13.7	12.4	0.59	355	0.58	0.03
E523397		1.83	22.5	3.33	7.64	0.09	0.19	0.01	0.035	0.05	17.5	10.9	0.60	241	0.99	0.03
E523398		1.25	18.0	3.65	7.41	0.07	0.22	0.02	0.037	0.11	11.3	15.3	0.65	494	1.21	0.03
E523399		1.64	21.1	3.42	6.74	0.06	0.11	0.01	0.039	0.07	11.0	12.7	0.72	726	0.95	0.03
E523400		1.79	15.8	5.15	14.85	0.07	0.09	0.02	0.034	0.05	10.9	25.4	0.76	338	2.62	0.02
E523401		3.09	13.4	5.04	12.00	0.07	0.12	0.02	0.026	0.11	6.1	23.0	1.04	390	1.96	0.03
E523402		5.32	22.4	6.86	16.15	0.09	0.07	0.08	0.166	0.13	8.3	33.4	1.02	847	3.05	0.02
E523403		5.93	37.4	7.26	13.35	0.09	0.08	0.05	0.164	0.08	9.4	41.0	0.77	770	4.19	0.02
E523404		2.72	16.1	4.63	12.40	0.07	0.09	0.03	0.045	0.06	9.6	21.8	0.65	1350	1.46	0.02
E523405		1.41	17.6	4.39	11.30	0.08	0.18	0.01	0.045	0.05	13.2	21.0	0.99	449	0.86	0.02
E523406		1.73	20.7	4.34	11.45	0.07	0.15	0.02	0.040	0.06	7.7	24.2	0.65	437	1.65	0.01
E523407		1.81	19.0	3.45	8.38	0.07	0.19	0.02	0.041	0.06	10.2	18.3	0.66	324	1.08	0.01
E523408		1.52	16.6	3.54	8.43	0.07	0.12	0.05	0.038	0.06	10.3	18.3	0.58	230	1.06	0.02
E523409		1.05	18.5	2.57	7.89	0.06	0.04	0.04	0.030	0.06	13.8	10.5	0.31	157	1.27	0.02
E523410		0.41	8210	2.63	4.47	0.09	0.33	0.09	0.045	0.10	6.1	8.9	0.56	406	400	0.08
E523411		3.06	13.0	3.86	10.20	0.08	0.06	0.02	0.036	0.10	14.3	19.2	0.93	819	1.12	0.02
E523412		2.23	16.1	4.67	10.05	0.08	0.16	0.02	0.044	0.07	11.7	29.4	0.75	360	1.46	0.02
E523413		1.58	12.3	4.48	13.50	0.07	0.05	0.02	0.031	0.06	8.1	22.3	0.69	464	1.51	0.02
E523414		1.41	14.8	3.16	8.07	0.07	0.15	0.01	0.034	0.05	8.6	19.4	0.60	342	0.93	0.01
E523415		3.10	12.5	5.10	13.75	0.08	0.12	0.01	0.057	0.08	15.2	30.2	1.22	487	0.83	0.01
E523416		0.89	12.2	3.66	9.98	0.06	0.12	0.01	0.031	0.03	11.7	15.8	0.29	207	1.81	0.01
E523417		1.94	14.5	4.56	12.40	0.07	0.12	0.02	0.034	0.07	8.4	20.0	0.80	351	1.58	0.02
E523418		1.09	16.3	4.07	10.40	0.06	0.08	0.01	0.037	0.06	8.3	17.2	0.69	683	1.77	0.02
E523419		1.53	15.0	4.51	11.45	0.07	0.10	0.02	0.037	0.09	8.8	18.8	0.81	1060	1.48	0.02
E523420		1.58	10.3	3.12	8.68	0.06	0.04	0.04	0.034	0.06	8.8	17.5	0.43	228	1.14	0.01
E523421		2.83	25.6	3.67	9.01	0.08	0.04	0.02	0.039	0.11	12.2	20.7	0.65	366	1.32	0.02
E523422		5.17	16.2	5.64	13.35	0.08	0.14	0.01	0.054	0.14	12.2	35.3	1.23	625	2.17	0.01
E523423		1.97	21.9	3.00	7.10	0.09	0.10	0.01	0.031	0.05	12.0	18.0	0.66	362	0.92	0.02
E523424		1.09	14.9	3.48	11.40	0.06	0.10	0.02	0.026	0.03	8.1	11.4	0.26	203	2.73	0.01
E523425		2.02	16.5	4.10	11.00	0.07	0.10	0.03	0.035	0.03	10.2	16.5	0.41	199	2.16	0.01
E523426		1.60	20.6	3.38	8.19	0.08	0.28	0.02	0.034	0.06	10.5	19.6	0.67	274	1.18	0.02
E523427		2.62	17.0	3.30	8.05	0.08	0.06	0.06	0.030	0.08	12.8	18.3	0.71	588	2.16	0.02
E523428		2.69	15.5	4.09	12.20	0.08	0.10	0.02	0.039	0.09	8.9	22.1	0.78	373	1.10	0.01
E523429		3.32	12.9	4.94	11.80	0.09	0.04	0.02	0.041	0.08	10.5	29.2	0.74	635	5.89	0.01
E523430		0.62	8.5	2.65	9.41	0.07	0.02	0.02	0.019	0.06	12.0	10.7	0.23	220	1.18	0.01

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: BUSHMASTER EXPLORATION SERVICES (2007)  
 LTD.  
 PO BOX 31293  
 WHITEHORSE YT Y1A 5P7

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 Plus Appendix Pages  
 Finalized Date: 26-JUL-2012  
 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
E523391		1.26	7.0	890	8.9	23.9	<0.001	0.01	0.28	7.6	0.4	0.7	21.4	<0.01	0.02	4.8
E523392		1.15	15.3	1150	11.9	16.4	<0.001	0.04	0.39	9.5	0.7	0.5	68.2	<0.01	0.02	5.3
E523393		0.80	8.4	1460	8.8	12.4	<0.001	0.05	0.35	7.3	0.6	0.4	55.6	<0.01	0.02	3.6
E523394		1.14	13.0	630	11.5	13.9	<0.001	0.02	0.28	8.3	0.7	0.6	52.7	<0.01	0.02	6.2
E523395		1.37	13.0	540	24.4	17.4	<0.001	0.01	0.31	8.1	1.7	0.5	27.6	0.01	0.02	10.2
E523396		1.27	22.2	670	7.2	8.4	<0.001	0.04	0.36	5.6	0.8	0.4	118.0	<0.01	0.02	1.4
E523397		1.81	25.3	180	9.7	9.7	<0.001	0.01	0.39	7.6	0.6	0.7	50.3	<0.01	0.02	3.0
E523398		1.73	23.9	240	10.4	17.2	<0.001	0.01	0.41	6.8	0.4	0.6	56.7	<0.01	0.03	3.4
E523399		1.61	23.8	460	8.0	13.4	<0.001	0.02	0.31	6.6	0.4	0.7	72.0	<0.01	0.02	2.6
E523400		4.45	27.9	260	12.0	14.6	<0.001	0.02	0.63	6.3	0.3	0.8	20.5	<0.01	0.03	4.3
E523401		4.30	20.1	320	10.9	31.2	<0.001	0.02	0.52	3.9	0.3	0.7	20.3	<0.01	0.03	2.4
E523402		4.14	22.0	570	122.0	21.4	<0.001	0.03	0.92	6.2	0.6	4.0	34.2	0.01	0.06	3.7
E523403		2.34	15.6	690	191.5	21.9	<0.001	0.03	1.46	6.5	1.3	4.5	21.6	<0.01	0.07	5.0
E523404		2.67	22.0	340	15.3	17.8	<0.001	0.02	0.51	5.7	0.4	1.1	28.1	0.01	0.03	4.0
E523405		2.61	24.2	290	17.4	8.7	<0.001	0.01	0.42	7.1	0.5	1.3	32.4	<0.01	0.02	9.0
E523406		2.22	27.4	260	13.8	12.4	<0.001	0.01	0.54	4.9	0.4	1.1	21.6	<0.01	0.03	3.3
E523407		1.73	30.3	170	15.5	11.8	<0.001	0.01	0.42	5.6	0.3	0.8	18.6	<0.01	0.03	5.1
E523408		2.53	24.2	310	11.7	11.6	<0.001	0.02	0.40	5.1	0.4	0.8	18.8	0.01	0.03	4.1
E523409		1.93	12.0	380	13.0	15.0	<0.001	0.03	0.29	3.9	0.5	0.8	31.3	<0.01	0.03	0.8
E523410		0.25	33.4	500	7.2	5.0	0.201	0.62	1.64	4.9	1.6	0.5	39.6	<0.01	0.29	1.5
E523411		0.96	9.5	480	18.3	17.5	<0.001	0.01	0.26	7.7	0.3	0.7	57.2	0.01	0.01	10.7
E523412		2.39	25.7	310	13.0	16.5	<0.001	0.01	0.39	5.9	0.3	0.9	20.0	<0.01	0.03	5.3
E523413		3.18	18.6	310	11.8	17.7	<0.001	0.02	0.50	4.7	0.3	1.2	22.1	<0.01	0.03	2.9
E523414		1.50	26.4	160	18.3	15.7	<0.001	0.01	0.31	4.4	0.2	0.8	21.8	<0.01	0.03	3.7
E523415		1.43	20.3	290	12.0	15.3	<0.001	0.01	0.31	9.3	0.4	1.4	20.3	<0.01	0.02	9.3
E523416		2.45	17.5	210	15.0	6.5	<0.001	0.01	0.49	3.0	0.2	1.1	15.2	<0.01	0.03	3.3
E523417		4.65	19.8	640	10.3	18.2	<0.001	0.02	0.51	4.4	0.4	1.3	20.0	<0.01	0.03	4.9
E523418		2.36	23.8	290	10.6	15.5	<0.001	0.01	0.49	4.4	0.3	1.0	26.3	<0.01	0.03	4.0
E523419		2.85	24.0	270	10.9	19.8	<0.001	0.01	0.50	5.2	0.3	1.2	28.4	<0.01	0.02	4.1
E523420		2.33	14.0	510	10.0	12.8	<0.001	0.02	0.37	3.6	0.5	0.7	18.7	0.02	0.03	1.6
E523421		2.29	24.9	570	7.1	20.5	<0.001	0.02	0.30	6.8	0.4	0.7	21.4	<0.01	0.03	3.8
E523422		1.16	23.5	360	9.9	24.1	<0.001	0.01	0.31	9.9	0.4	1.1	17.2	<0.01	0.03	10.7
E523423		1.63	25.2	610	10.9	8.1	<0.001	<0.01	0.31	5.3	0.4	0.7	29.2	<0.01	0.02	3.9
E523424		2.28	13.5	250	11.7	9.1	<0.001	<0.01	0.50	3.3	0.2	1.2	15.2	<0.01	0.03	2.6
E523425		2.33	21.1	200	13.2	11.5	<0.001	0.01	0.69	4.4	0.4	1.1	18.9	0.01	0.04	3.6
E523426		1.49	26.2	290	9.7	12.9	<0.001	0.01	0.41	6.5	0.4	0.6	22.6	0.01	0.03	5.5
E523427		1.95	20.0	560	7.3	15.5	<0.001	0.01	0.30	5.2	0.4	0.7	26.2	<0.01	0.03	3.8
E523428		3.80	29.9	310	8.7	20.1	<0.001	0.01	0.41	5.2	0.4	1.0	22.6	0.01	0.03	5.7
E523429		2.11	21.5	620	9.4	21.2	<0.001	0.01	0.70	6.5	0.4	0.8	12.9	0.01	0.03	4.4
E523430		1.36	8.3	430	10.2	11.7	<0.001	<0.01	0.32	2.4	0.2	1.0	16.1	<0.01	0.02	1.7

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**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		TI % 0.005	TI ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5
E523391		0.064	0.12	0.92	57	1.08	6.34	75	1.5
E523392		0.049	0.10	1.50	53	0.19	11.05	82	2.0
E523393		0.043	0.08	1.66	54	0.17	9.63	71	1.1
E523394		0.036	0.10	2.40	53	0.34	12.90	70	0.8
E523395		0.035	0.10	3.12	38	0.18	42.0	44	1.4
E523396		0.058	0.06	0.95	49	0.12	11.25	42	2.5
E523397		0.074	0.11	0.73	82	0.14	11.70	42	7.0
E523398		0.077	0.12	0.60	83	0.15	6.25	50	7.9
E523399		0.095	0.10	0.53	89	0.17	5.94	47	4.4
E523400		0.189	0.17	0.50	126	0.21	3.15	104	3.6
E523401		0.358	0.25	0.50	137	0.26	2.58	145	4.5
E523402		0.233	0.22	0.70	173	0.56	4.87	1040	2.8
E523403		0.046	0.32	1.86	155	0.16	5.73	1040	3.3
E523404		0.095	0.19	0.61	117	0.14	4.11	150	3.7
E523405		0.221	0.17	0.85	119	0.27	6.10	132	6.8
E523406		0.148	0.15	0.48	108	0.21	3.10	116	6.1
E523407		0.126	0.12	0.62	85	0.22	4.24	72	6.7
E523408		0.126	0.12	0.67	85	0.22	4.21	55	5.2
E523409		0.094	0.08	1.11	65	0.13	6.87	31	1.2
E523410		0.117	0.09	0.41	53	29.1	8.09	61	9.3
E523411		0.031	0.12	1.59	86	0.12	7.67	60	1.8
E523412		0.120	0.13	0.84	95	0.17	4.66	61	6.6
E523413		0.149	0.17	0.50	116	0.14	3.04	88	2.1
E523414		0.097	0.12	0.50	75	0.13	3.29	59	6.2
E523415		0.056	0.16	0.87	120	0.20	7.13	66	4.1
E523416		0.095	0.09	0.53	101	0.11	2.88	40	4.9
E523417		0.215	0.15	0.60	109	1.20	3.66	104	4.5
E523418		0.135	0.17	0.48	100	0.37	2.89	91	3.4
E523419		0.189	0.17	0.61	111	0.46	3.88	85	3.9
E523420		0.108	0.12	0.55	80	0.23	3.07	36	1.7
E523421		0.087	0.13	0.89	83	0.18	6.79	54	1.8
E523422		0.051	0.25	1.50	123	0.14	7.43	84	4.8
E523423		0.119	0.08	0.90	72	0.19	7.02	54	4.4
E523424		0.104	0.12	0.47	102	0.18	2.54	43	4.7
E523425		0.103	0.15	0.58	97	0.26	4.09	56	5.4
E523426		0.113	0.13	0.81	76	0.28	4.91	53	12.1
E523427		0.112	0.14	0.95	74	0.53	6.15	53	2.2
E523428		0.192	0.14	0.60	101	0.54	3.66	61	4.2
E523429		0.074	0.20	1.45	107	0.46	5.29	63	1.8
E523430		0.065	0.09	0.39	71	0.14	2.40	35	1.0

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



ALS Canada Ltd.  
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To: BUSHMASTER EXPLORATION SERVICES (2007)  
 LTD.  
 PO BOX 31293  
 WHITEHORSE YT Y1A 5P7

Page: 4 - A  
 Total # Pages: 4 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 26- JUL- 2012  
 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- TL43 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
E523431		0.14	0.001	0.04	1.24	6.8	<0.2	<10	130	0.24	0.21	0.21	0.18	23.0	5.6	16
E523432		0.19	0.001	0.02	3.67	10.7	<0.2	<10	230	0.64	0.24	0.23	0.24	18.45	18.5	32
E523433		0.19	0.001	0.06	2.15	7.0	<0.2	<10	140	0.33	0.22	0.16	0.19	19.25	9.8	26
E523434		0.10	0.002	0.76	1.56	3.4	<0.2	<10	690	0.66	0.14	1.15	0.08	53.0	5.5	14
E523435		0.31	0.003	0.04	2.46	8.0	<0.2	<10	280	0.55	0.18	0.35	0.11	25.7	13.6	32
E523436		0.18	0.002	0.18	2.16	6.7	<0.2	<10	130	0.47	0.24	0.13	0.30	14.60	11.1	27
E523437		0.20	0.001	0.03	2.28	10.7	<0.2	<10	120	0.48	0.28	0.12	0.12	34.1	9.2	20
E523438		0.12	0.002	0.06	2.15	6.8	<0.2	<10	210	0.41	0.16	0.57	0.08	23.7	10.8	28
E523439		0.35	0.004	0.27	2.67	7.1	<0.2	<10	480	0.59	0.26	0.56	0.09	49.9	14.1	30
E523440		0.31	0.003	0.04	2.48	5.8	<0.2	<10	640	0.72	0.66	0.38	0.08	36.2	12.7	19
E523441		0.24	0.001	0.02	2.98	8.3	<0.2	<10	210	0.59	0.17	0.24	0.18	20.9	16.2	33
E523442		0.29	0.002	0.07	2.28	8.4	<0.2	<10	280	0.34	0.30	0.38	0.12	22.8	10.9	27
E523443		0.12	0.003	0.17	1.89	6.5	<0.2	<10	400	0.56	0.21	1.14	0.24	34.6	16.8	29
E523444		0.27	0.004	0.16	2.24	4.9	<0.2	<10	320	0.42	0.43	0.58	0.12	31.2	10.8	27
E523445		0.18	0.002	0.03	2.13	4.3	<0.2	<10	270	0.47	0.27	0.44	0.04	32.9	10.8	25
E523446		0.27	0.002	0.07	2.15	7.1	<0.2	<10	240	0.46	0.24	0.57	0.12	36.2	15.8	30
E523447		0.11	0.004	0.83	2.73	7.1	<0.2	<10	540	1.34	0.83	1.65	0.35	200	16.1	27
E523448		0.18	0.003	0.08	1.93	4.5	<0.2	<10	350	0.37	0.30	0.94	0.24	31.0	12.8	26
E523449		0.15	0.002	0.09	1.92	5.8	<0.2	<10	240	0.40	0.27	0.55	0.18	26.6	14.9	29
E523450		0.05	0.524	2.98	1.18	14.3	1.1	<10	110	0.21	1.38	0.77	0.10	12.00	11.3	46
E523451		0.13	0.004	0.73	3.25	10.2	<0.2	<10	170	0.62	0.30	0.16	0.22	21.3	12.8	38
E523452		0.16	0.004	0.05	2.54	10.2	<0.2	<10	200	0.49	0.18	0.42	0.13	22.5	12.8	37
E523453		0.21	0.004	0.09	2.70	9.0	<0.2	<10	160	0.81	0.24	0.26	0.09	42.0	12.6	34
E523454		0.14	0.002	0.05	3.08	17.9	<0.2	<10	180	0.55	0.22	0.25	0.15	16.75	14.5	43
E523455		0.34	0.002	0.06	3.52	10.8	<0.2	<10	230	0.65	0.16	0.26	0.12	19.60	15.5	35
E523456		0.14	0.002	0.11	2.61	11.1	<0.2	<10	110	0.78	0.22	0.33	0.41	31.9	11.5	34
E523457		0.17	0.005	0.05	2.00	9.8	<0.2	<10	110	0.63	0.23	0.17	0.14	15.25	8.5	24
E523458		0.20	0.002	0.02	2.50	11.1	<0.2	<10	110	0.45	0.20	0.23	0.21	18.55	13.4	36
E523459		0.28	0.006	0.09	1.98	4.4	<0.2	<10	160	0.51	0.29	0.64	0.16	36.4	10.0	33
E523460		0.18	0.002	0.06	3.21	13.6	<0.2	<10	170	0.56	0.20	0.42	0.33	16.05	15.3	43
E523461		0.19	0.004	0.10	3.67	10.5	<0.2	<10	160	0.69	0.17	0.21	0.35	19.90	13.2	43
E523462		0.31	0.007	0.04	1.99	4.5	<0.2	<10	130	0.42	0.14	0.49	0.24	24.3	9.8	32
E523463		0.27	0.007	0.15	2.49	6.6	<0.2	<10	330	0.60	0.21	0.48	0.12	39.8	10.7	35
E523464		0.24	0.003	0.04	3.13	11.9	<0.2	<10	170	0.44	0.22	0.22	0.17	21.6	13.3	43
E523465		0.30	0.001	0.03	3.26	7.9	<0.2	<10	310	0.68	0.15	0.25	0.09	29.5	12.9	27
E523466		0.21	0.003	0.09	2.48	13.3	<0.2	<10	200	0.39	0.22	0.19	0.20	15.95	9.1	35
E523467		0.31	0.001	0.04	3.45	21.1	<0.2	<10	240	0.80	0.26	0.40	0.10	22.6	12.7	19
E523468		0.26	0.001	0.05	3.53	20.3	<0.2	<10	210	0.83	0.28	0.37	0.09	23.8	13.0	19

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To: BUSHMASTER EXPLORATION SERVICES (2007)  
 LTD.  
 PO BOX 31293  
 WHITEHORSE YT Y1A 5P7

Page: 4 - B  
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 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %
E523431		0.71	8.3	2.67	9.86	0.07	0.02	0.01	0.019	0.06	12.0	10.4	0.24	265	1.25	0.01
E523432		2.97	16.2	5.14	13.80	0.10	0.22	0.02	0.044	0.14	8.5	36.2	0.96	490	3.77	0.01
E523433		1.84	12.7	3.17	10.10	0.07	0.03	0.03	0.028	0.11	11.1	26.0	0.65	371	1.36	0.01
E523434		1.02	45.6	1.36	3.94	0.20	0.11	0.21	0.021	0.04	61.1	4.1	0.15	494	1.46	0.02
E523435		1.78	18.0	3.06	7.94	0.09	0.09	0.02	0.033	0.06	12.4	18.2	0.64	449	0.80	0.01
E523436		0.83	15.6	3.68	10.70	0.07	0.09	0.02	0.030	0.02	8.1	15.4	0.21	413	1.84	0.01
E523437		2.12	8.1	3.51	10.70	0.08	0.07	0.02	0.026	0.06	18.4	26.2	0.44	397	1.44	0.01
E523438		1.60	16.7	2.53	7.90	0.07	0.04	0.02	0.033	0.05	12.3	19.6	0.64	221	0.52	0.02
E523439		4.29	62.0	3.72	9.23	0.11	0.07	0.05	0.035	0.15	26.4	20.7	0.90	752	0.56	0.02
E523440		6.13	16.6	2.72	6.74	0.08	0.07	0.02	0.033	0.11	17.3	21.3	0.57	517	0.48	0.01
E523441		2.76	17.4	3.46	8.49	0.08	0.16	0.01	0.038	0.09	10.9	25.1	0.69	341	0.79	0.01
E523442		2.72	12.4	3.61	10.85	0.08	0.06	0.02	0.032	0.08	13.1	20.4	0.60	396	1.55	0.01
E523443		1.70	29.5	2.84	6.78	0.09	0.06	0.06	0.034	0.04	17.1	15.0	0.56	1500	0.95	0.02
E523444		2.32	21.6	2.98	8.01	0.09	0.06	0.09	0.034	0.09	17.2	18.2	0.73	395	0.71	0.02
E523445		2.54	13.1	2.80	7.26	0.09	0.07	0.01	0.030	0.07	17.5	18.0	0.71	323	0.46	0.02
E523446		1.67	18.4	3.58	7.85	0.10	0.08	0.05	0.035	0.06	18.8	17.6	0.73	443	0.45	0.02
E523447		2.30	58.3	2.79	8.63	0.38	0.23	0.20	0.039	0.13	143.0	17.6	0.38	2130	1.03	0.01
E523448		1.36	16.7	2.69	7.18	0.10	0.07	0.05	0.031	0.07	16.7	17.2	0.69	595	0.57	0.03
E523449		1.25	18.9	2.88	7.23	0.09	0.05	0.04	0.029	0.06	13.9	15.9	0.65	729	0.64	0.02
E523450		0.39	7690	2.50	4.73	0.11	0.30	0.11	0.046	0.09	5.9	8.9	0.55	395	382	0.08
E523451		4.26	19.3	4.44	11.30	0.09	0.07	0.04	0.043	0.06	11.8	19.3	0.53	272	2.09	0.01
E523452		1.71	20.2	3.65	8.54	0.07	0.07	0.04	0.038	0.07	9.5	18.0	0.61	425	1.23	0.02
E523453		2.63	23.8	3.36	8.39	0.08	0.11	0.03	0.038	0.08	14.0	20.2	0.62	326	0.83	0.01
E523454		2.14	21.5	5.30	12.20	0.09	0.13	0.02	0.051	0.07	9.0	36.3	0.68	308	1.68	0.01
E523455		3.03	20.5	3.65	9.25	0.08	0.10	0.03	0.038	0.11	9.6	20.7	0.74	341	1.15	0.02
E523456		1.76	17.7	3.79	10.50	0.07	0.07	0.03	0.039	0.07	9.8	21.0	0.55	326	1.73	0.02
E523457		1.63	13.7	4.10	11.25	0.07	0.06	0.03	0.032	0.04	7.7	24.7	0.30	331	2.17	0.01
E523458		1.64	13.7	4.12	7.92	0.08	0.07	0.02	0.041	0.05	10.2	28.2	0.55	353	1.13	0.02
E523459		1.73	23.4	2.76	6.22	0.08	0.26	<0.01	0.031	0.11	18.7	13.6	0.73	273	0.56	0.04
E523460		1.54	18.4	4.31	9.45	<0.05	0.06	0.01	0.039	0.06	7.6	20.7	0.57	388	1.54	0.01
E523461		1.26	19.0	3.68	7.59	<0.05	0.09	0.03	0.040	0.04	9.0	14.9	0.52	308	1.23	0.02
E523462		1.49	15.0	2.96	5.78	0.05	0.12	<0.01	0.025	0.06	12.3	13.8	0.68	304	0.77	0.03
E523463		2.38	26.9	3.40	7.51	0.06	0.05	0.02	0.045	0.07	21.7	14.0	0.68	364	0.83	0.02
E523464		1.83	16.8	4.64	8.68	0.05	0.20	<0.01	0.041	0.06	9.8	17.5	0.69	491	1.53	0.02
E523465		2.27	10.2	4.38	7.68	<0.05	0.10	<0.01	0.041	0.10	15.6	20.7	0.76	404	5.08	0.01
E523466		1.32	12.2	4.99	10.35	<0.05	0.03	0.01	0.033	0.08	8.2	18.8	0.58	315	2.07	0.01
E523467		2.87	8.0	4.37	10.85	<0.05	0.02	<0.01	0.039	0.14	11.5	19.6	0.83	458	1.61	0.02
E523468		3.13	8.2	4.54	11.25	<0.05	0.03	<0.01	0.037	0.14	12.2	20.2	0.85	404	1.55	0.02

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		Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm
E523431		1.40	8.3	440	9.7	13.8	<0.001	<0.01	0.34	2.4	0.2	1.0	18.2	<0.01	0.02	1.5
E523432		2.45	23.4	520	11.4	25.4	<0.001	<0.01	0.37	6.2	0.4	1.3	14.6	0.01	0.03	10.3
E523433		1.70	16.3	360	7.8	25.2	<0.001	<0.01	0.25	4.8	0.2	0.7	14.3	<0.01	0.02	3.7
E523434		0.64	13.2	1670	3.5	5.6	<0.001	0.15	0.68	3.7	2.7	0.2	90.7	0.02	0.03	1.1
E523435		2.00	22.6	530	6.9	17.0	<0.001	<0.01	0.26	5.6	0.4	0.7	25.0	<0.01	0.02	7.3
E523436		2.44	18.1	230	13.4	5.3	<0.001	0.01	0.55	3.2	0.2	1.2	13.1	0.01	0.02	2.0
E523437		1.28	10.6	300	13.1	21.4	<0.001	<0.01	0.35	3.3	0.2	0.8	12.4	<0.01	0.03	5.7
E523438		1.65	18.4	560	8.5	11.2	<0.001	0.01	0.21	5.5	0.3	0.7	36.2	<0.01	0.02	3.7
E523439		2.31	20.2	660	5.9	30.2	<0.001	0.02	0.29	10.4	0.8	0.9	35.6	0.01	0.02	10.5
E523440		1.11	14.8	410	9.5	20.5	<0.001	<0.01	0.23	5.8	0.3	0.6	23.8	<0.01	0.01	10.8
E523441		2.11	25.0	290	8.0	20.3	<0.001	<0.01	0.28	6.0	0.3	0.8	18.7	<0.01	0.02	5.7
E523442		2.70	15.8	470	8.9	21.4	<0.001	0.01	0.29	5.0	0.3	0.9	26.6	<0.01	0.03	4.3
E523443		1.38	19.7	1120	9.3	12.1	<0.001	0.06	0.34	5.6	0.8	0.6	71.9	<0.01	0.02	2.1
E523444		1.94	15.9	630	16.7	20.8	<0.001	0.01	0.35	6.4	0.4	0.8	32.0	<0.01	0.02	6.0
E523445		1.46	15.1	580	7.6	15.6	<0.001	0.01	0.21	5.7	0.4	0.7	23.9	<0.01	0.01	7.7
E523446		2.24	18.6	670	10.5	16.5	<0.001	0.01	0.36	7.3	0.6	0.8	30.1	<0.01	0.02	7.7
E523447		1.09	24.2	1060	7.6	20.3	0.001	0.12	0.72	12.8	3.8	0.5	87.5	0.03	0.04	7.6
E523448		2.12	15.9	740	6.8	20.5	<0.001	0.04	0.33	6.2	0.6	0.7	62.4	<0.01	0.02	3.7
E523449		1.86	19.1	730	7.3	18.4	<0.001	0.03	0.31	5.5	0.6	0.6	37.7	<0.01	0.02	2.6
E523450		0.21	32.5	490	6.5	4.9	0.185	0.59	1.45	4.6	1.6	0.5	38.2	<0.01	0.27	1.4
E523451		2.92	24.4	300	10.8	22.3	<0.001	0.01	0.67	5.0	0.4	0.9	15.8	0.02	0.05	4.0
E523452		2.12	30.5	360	9.1	12.6	<0.001	0.01	0.35	5.1	0.3	0.7	28.6	0.01	0.03	2.6
E523453		1.58	25.4	310	12.8	15.5	<0.001	0.01	0.28	5.4	0.4	0.8	18.9	<0.01	0.02	7.1
E523454		2.98	30.9	300	10.5	12.3	<0.001	0.01	0.45	5.4	0.4	0.8	20.3	<0.01	0.04	3.1
E523455		2.61	28.3	410	7.5	19.3	<0.001	0.02	0.35	6.7	0.5	0.7	19.8	0.01	0.03	5.1
E523456		1.99	28.0	320	19.9	17.9	<0.001	0.02	0.38	3.9	0.3	1.0	24.3	<0.01	0.03	4.3
E523457		1.90	14.7	330	27.2	16.4	<0.001	0.02	0.47	3.4	0.3	1.1	14.4	<0.01	0.03	3.7
E523458		2.34	26.8	430	10.0	10.7	<0.001	0.01	0.34	4.2	0.4	0.6	17.2	0.01	0.03	3.3
E523459		1.18	18.6	790	8.7	14.9	<0.001	0.01	0.43	7.7	1.0	0.7	42.1	<0.01	0.03	6.2
E523460		2.31	32.3	390	11.1	10.7	<0.001	0.02	0.66	4.2	0.3	0.8	27.8	0.01	0.07	2.0
E523461		2.13	28.0	350	9.5	8.0	<0.001	0.01	0.51	4.6	0.3	0.7	18.9	0.02	0.04	2.9
E523462		1.72	17.4	810	8.4	7.7	0.001	0.01	0.31	4.1	<0.2	0.6	32.9	<0.01	0.03	3.6
E523463		1.47	21.3	910	9.3	13.5	<0.001	0.02	0.42	8.8	0.9	0.7	33.5	<0.01	0.04	4.2
E523464		2.42	22.6	550	9.6	11.0	<0.001	0.01	0.69	5.4	0.3	0.8	20.6	0.02	0.05	4.1
E523465		1.18	17.9	280	12.4	18.1	<0.001	0.01	0.46	5.4	<0.2	0.6	21.2	<0.01	0.03	11.3
E523466		2.28	17.0	540	10.6	16.6	<0.001	0.01	0.62	3.6	<0.2	0.9	18.1	<0.01	0.05	2.8
E523467		1.47	14.2	640	7.9	26.8	<0.001	0.01	0.55	6.3	0.4	1.1	33.2	<0.01	0.04	7.6
E523468		1.65	14.3	620	7.9	27.7	<0.001	0.01	0.60	6.5	<0.2	1.1	30.3	<0.01	0.03	10.1

\*\*\*\*\* See Appendix Page for comments regarding this certificate \*\*\*\*\*



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To: BUSHMASTER EXPLORATION SERVICES (2007)  
 LTD.  
 PO BOX 31293  
 WHITEHORSE YT Y1A 5P7

Page: 4 - D  
 Total # Pages: 4 (A - D)  
 Plus Appendix Pages  
 Finalized Date: 26- JUL- 2012  
 Account: BUSHMA

Project: Severance

**CERTIFICATE OF ANALYSIS WH12158988**

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
		TI % 0.005	TI ppm 0.02	U ppm 0.05	V ppm 1	W ppm 0.05	Y ppm 0.05	Zn ppm 2	Zr ppm 0.5
E523431		0.066	0.09	0.39	71	0.14	2.59	37	1.0
E523432		0.253	0.22	0.71	123	5.31	3.82	91	8.6
E523433		0.076	0.11	0.47	70	0.44	2.96	62	1.2
E523434		0.021	0.11	4.98	28	0.42	74.7	18	2.4
E523435		0.098	0.19	1.03	72	0.16	5.95	53	4.1
E523436		0.070	0.13	0.41	96	0.15	2.86	95	4.6
E523437		0.022	0.17	0.51	77	0.11	3.17	60	3.2
E523438		0.068	0.14	0.93	65	0.15	5.48	51	1.8
E523439		0.137	0.30	3.24	96	0.18	19.25	58	2.4
E523440		0.031	0.22	1.01	51	0.12	6.66	44	3.0
E523441		0.092	0.14	0.61	74	0.18	4.85	54	6.6
E523442		0.133	0.19	0.73	95	0.20	5.76	53	2.4
E523443		0.072	0.11	1.77	67	0.31	13.25	51	2.0
E523444		0.116	0.17	1.15	73	0.18	8.78	60	2.4
E523445		0.082	0.14	1.16	65	0.32	8.12	54	2.5
E523446		0.122	0.15	1.93	77	0.13	12.50	64	4.1
E523447		0.026	0.22	13.15	53	0.31	131.0	51	4.3
E523448		0.104	0.13	1.39	68	0.24	12.60	72	2.9
E523449		0.111	0.13	1.23	72	0.20	9.39	67	2.0
E523450		0.107	0.09	0.39	49	28.4	8.12	58	9.6
E523451		0.125	0.19	0.71	103	0.23	5.08	68	3.5
E523452		0.107	0.10	0.51	82	0.16	4.67	62	3.5
E523453		0.073	0.14	0.97	71	0.27	7.22	52	5.5
E523454		0.152	0.11	0.58	108	0.23	3.96	63	5.7
E523455		0.132	0.14	0.65	79	0.26	5.08	55	4.1
E523456		0.082	0.12	0.64	81	0.18	3.78	72	3.1
E523457		0.054	0.15	0.74	87	0.16	3.39	58	3.3
E523458		0.109	0.09	0.50	74	0.25	4.13	99	3.2
E523459		0.135	0.11	2.28	66	0.50	15.15	64	10.9
E523460		0.110	0.10	0.51	93	0.22	3.80	76	2.5
E523461		0.102	0.11	0.58	79	0.24	4.79	54	3.3
E523462		0.129	0.07	1.24	72	0.23	7.00	63	5.1
E523463		0.096	0.16	2.32	72	0.22	16.75	59	1.7
E523464		0.140	0.14	0.76	90	0.26	4.64	64	7.4
E523465		0.025	0.18	0.87	70	0.16	4.15	47	3.2
E523466		0.106	0.12	0.58	106	0.20	2.51	52	1.4
E523467		0.032	0.20	0.86	95	0.27	4.45	63	0.7
E523468		0.039	0.22	0.90	100	0.18	4.43	66	0.9

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To: BUSHMASTER EXPLORATION SERVICES (2007)  
LTD.  
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Page: Appendix 1  
Total # Appendix Pages: 1  
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Project: Severance

CERTIFICATE OF ANALYSIS WH12158988

Method	CERTIFICATE COMMENTS
ME- MS41 ME- MS41	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g). Interference: Mo> 400ppm on ICP- MS Cd,ICP- AES results shown.