ARCTURUS VENTURES INC.

ASSESSMENT REPORT OF THE

RECONNAISSANCE GEOCHEMICAL SAMPLING PROGRAM 2011

On

MER

Claims

Finlayson Lake District

NTS 105 G/10/11
UTM 6822300 N, 388000 E
NAD 83 ZONE 9
In the

Watson Lake Mining District
Yukon Territory

Prepared by
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April 5, 2012

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1.0 SUMMARY AND CONCLUSIONS

The Mer claim group is composed of 232 Quartz claims with an area of 4 698 hectares. The claim group is located in the Finlayson Lake Region on NTS Map Sheet 105 G/10/11 of the Watson Lake Mining District, Yukon. The property is 200 kilometres northwest of Watson Lake, Yukon. Access to the property is by Helicopter from the Robert Campbell Highway 50 kilometres north of the property. Figure 1.

The objective of the exploration was to identify potential gold bearing vein-structures by reconnaissance and prospecting, mapping and geochemical soil and silt sampling. Samples were assayed by geochemical methods for gold plus a multi-element suite of metal and pathfinder elements. The target of the program is orogenic gold mineralization within the portion of the White Gold District offset along the Tintina Fault System.

Two gold-in-soil anomalies have been located and sampled in local grids on 50 metre centers. The grids detected weakly anomalous gold-in-soil and pathfinder element values. Other weak gold-in-soil anomalies remain to be evaluated.

A program of geological mapping and prospecting in the areas of the anomalous occurrences and broader scale evaluation is recommended. Additional reconnaissance soil sampling is also warranted as the current reconnaissance geochemical sampling is distributed along widely spaced (900 metre) lines.

2.0 INTRODUCTION

The 2011 exploration program involved 32 man days with a four man crew carrying out prospecting, geological mapping and geochemical soil and stream sediment sampling. A total of 552 soil samples were collected. The exploration was carried out between June 26 and July 8 and August 25 and 27, 2011.

The exploration was carried out by Ketza Enterprises Ltd. The supervisory personnel were R. Stroshein, Brandon MacDonald and Blake MacDonald.

3.0 LOCATION AND ACCESS

The Property is accessible by helicopter from Ross River or the Finlayson Lake airstrip along the Campbell Highway 25 kilometres northeast of the property area. Figure 1 is the location map of the property within Yukon relative to the highway network. The 2011 exploration program f of 2011 was carried out by field crews set out daily by helicopter from the Inconnu camp on McEvoy Lake in conjunction with other programs being conducted by Arcturus Ventures Inc. in the Region. The August sampling program was carried out by daily helicopter set outs from Ross River, Yukon.



ARCTURUS VENTURES INC.

MER PROPERTY
YUKON TERRITORY

LOCATION MAP

DATE: March, 2011

FIGURE: 1

4.0 PROPERTY

The Mer Property is comprised of 232 quartz claims with an area of 4 698 hectares as shown in Figure 2 and listed in Table I. The claims are located in the Watson Lake Mining District.

Table I Mer Claims

Mer 1 – 86	YD00001 – YD00086	October 19, 2015
Mer 87 – 92	YD00087 – YD00092	October 19, 2016
Mer 93 – 104	YD00093 – YD00104	October 19, 2015
Mer 123 – 124	YD00123 – YD00124	October 19, 2015
Mer 125 – 129	YD00125 – YD00129	October 19, 2016
Mer 130 – 150	YD00130 – YD00150	October 19, 2015
Mer 151 – 158	YD00151 – YD00158	October 19, 2016
Mer 159 – 170	YD00159 – YD00170	October 19, 2015
Mer 189 – 190	YD00189 – YD00190	October 19, 2015
Mer 191 – 196	YD00191 – YD00196	October 19, 2016
Mer 196 – 236	YD00196 – YD00236	October 19, 2015
Mer 251 – 282	YD00251 – YD00282	October 19, 2015

5.0 HISTORY

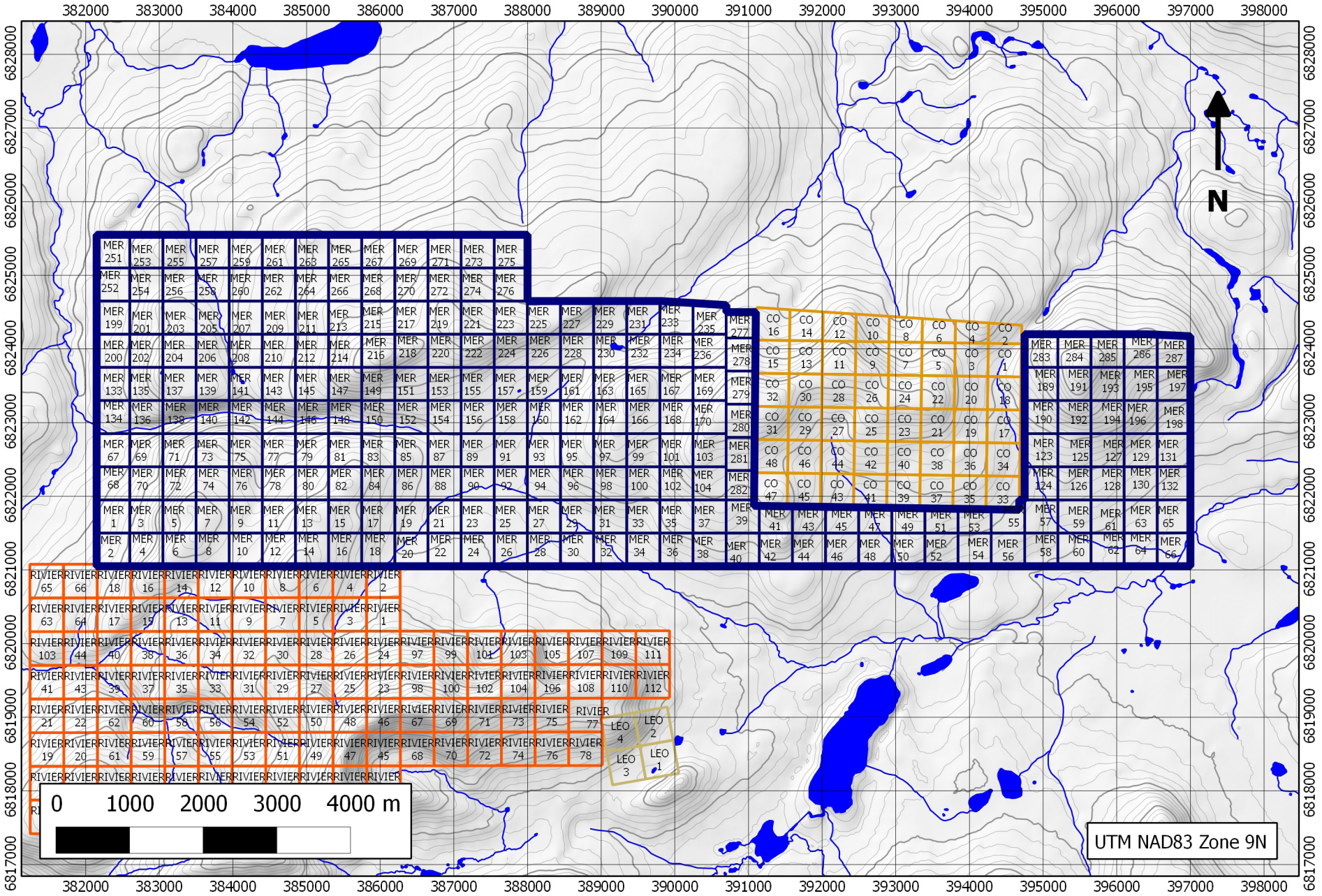
The Mer claims were staked and recorded on October 19, 2011 to cover an area that regional reconnaissance stream sediment samples (OF 2008 – 3) occur over a significant number of drainages in the area. There are five samples greater than the 95th percentile of anomalous gold in stream sediment. The area streams also contain anomalous gold pathfinder elements of arsenic and antimony. The sample locations are included on Figure 3 with the Geology.

The mid-Paleozoic volcanic rocks of the Yukon-Tanana Terrane in the Finlayson Lake district have long been explored by numerous companies for the possibility of volcanogenic massive sulphide (VMS) deposits. Several VMS discoveries were made in the area in the 1990s including the Kudz ze Kayah deposit by Cominco in 1994, the Wolverine deposit by Westmin Resources Ltd. and Atna Resources Ltd. in 1995, the Ice deposit by Yukon Zinc Corporation in 1996, and the GP4F deposit by Cominco Ltd. in 1998. Both the age range and host rocks for the deposits are diverse within the Terrane (Murphy et. al., 2006).

The area around the claim blocks has a recorded history of exploration extending to the 1950's when increased access and interest was gained with the discovery of the Vangorda Creek deposit (Sevensma & Heard, 1967). A 1966 assessment report for Northlake Mines Ltd. mentions the presence of several old cabins and placer workings in the area that were likely a product of placer miners at the turn of the 20th century (Sevensma & Heard, 1966).

Aside from Northlake Mines Ltd., a number of other companies and individuals have explored the general area over the last half of the 20th century including Newmont Exploration Ltd., Pelly River Exploration, Chevron Resources Ltd., Hudson Mining and Smelting Company Limited, Riviera Mines Ltd., Empire Metals Corporation Ltd., and Welcome North Mines Ltd. Since the discovery of the VMS deposits in the vicinity, companies that have explored the area include Expatriate Resources Ltd., Cominco, Pacific Bay Minerals, True North Gems and Arcturus Ventures Inc.

FIGURE 2 - CLAIM MAP



Four historical assessment reports (Potter, 1988, MacRobbie, 1995, Burgert, 1997, and Moyle & Wesa, 1998) cover historic claim blocks that are now covered by the current Rivier claims immediately south of the Mer claims.

The assessment report by Potter (1998) for Welcome North Mines describes an exploration program including rock and soil sampling that indicated low grade pervasive gold associated with strong arsenic anomalies over listwanite. More work was recommended but the claims were allowed to lapse (Potter, 1988).

The program by Welcome North Mines Ltd. consisted of extensive soil sampling over and around the ultramafic body in 1988 in which 1 068 B-horizon and talus soil samples were collected along with 82 rock samples (Potter, 1988). Two anomalous zones were identified that were coincident with the ultramafic body and were labeled North zone and South zone. Hand trenching was also done. Samples were collected in two stages. Stage 1 identified the anomalous zones, had a line spacing of 300 metres and sample spacing of 50 metres on lines laid out by compass and hip-chain at a mine grid orientation of 030°. Stage 2 had 100 metre line spacings and 20 metre sample spacings, and focused on the anomalous zones outlined by stage 1. Gold values ranging from below detection to 5300 ppb and arsenic values ranging from 10 ppm to 23 000 ppm were obtained.

MacRobbie reported (1995) work done on the INK claim block, staked to cover a geophysical target identified by Cominco in 1994. The claims occupied a portion of the northeast corner of the current property. 40 soil samples and one silt sample were found to have no favourable indications of mineralization and no further work was recommended. This report also mentioned the staking of Minfile 105G 022 as the OUR claims by D. Thrasher in 1969, for which no assessment work was filed (MacRobbie, 1995). Moyle & Wesa reported (1998) exploration by Pacific Bay Minerals Ltd. on the INK claims that followed up the work done there by Cominco. No further work was recommended and the claims lapsed (Moyle and Wesa, 1998).

Burgert reported (1997) a 1996 mapping, prospecting and geochemistry program undertaken over the east extension of the current claims by Expatriate Resources Ltd. The exploration was focused on massive sulfides in a geographic area that corresponds to the eastern part of the current Rivier Property. A total of 78 samples were collected over 100 metre spacings on claim lines and two contour lines. Approximate sample locations were obtained by georeferencing a map from the assessment report (Burgert, 1997). No noteworthy anomalies were obtained; however, Expatriate did not analyze their samples for gold. The claims were allowed to lapse (Burgert, 1997).

Radius Gold Inc. on the adjacent Rivier claims in 2010 included a 10-day reconnaissance geochemistry program. Anomalous Gold-silver-arsenic-antimony and nickel was found in and around the ultramafic body, with anomalous values extending to the south of the geologic unit. Values ranged from detection limits to 427 ppb gold, 8 042 ppb silver, 3 390.5 ppm arsenic, and 124.6 ppm antimony were acquired (MacGearailt, 2010).

There are no historical mineral resources and mineral estimates reported on the Rivier Property itself, and no records of previous mineral production.

6.0 GEOLOGICAL SETTING

The claims are underlain by Paleozoic metamorphic of volcanic and sedimentary affinities that have been intruded by intermediate-felsic plutonic rocks of Mesozoic to Cretaceous age. The Finlayson Lake region hosts volcanogenic massive sulphide deposits at Wolverine, Kudz Ze Kayah and Fire Lake.

The claims cover rocks of four plutonic suites that include; metamorphic granitic rocks of Mississippian Age; Jurrassic aged hornblende biotite granite; Cretaceous biotite muscovite granite and Ultra-mafic rocks of the over thrust Slide Mountain Terrane.

Regional scale thrust faults juxtapose CPA Anvil assemblage rocks (Slide Mountain Terrane) over the layered metamorphic suite of paleozoic aged rocks that include the Pelly Gneiss Suite and Nasina Assemblagle and older rocks of the Nisling Assemblage. The units are poly deformed during multiple episodes of regional deformation. Descriptions of the individual units are included in the Geologial Legend accompanying Figure 3.

The area has most recently been mapped by Murphy and Piercey, 1999. The geology of the Mer Claims area is presented in Figure 3.

7.0 MINERALIZATION

There is no known mineralization on the Property.

8.0 EXPLORATION

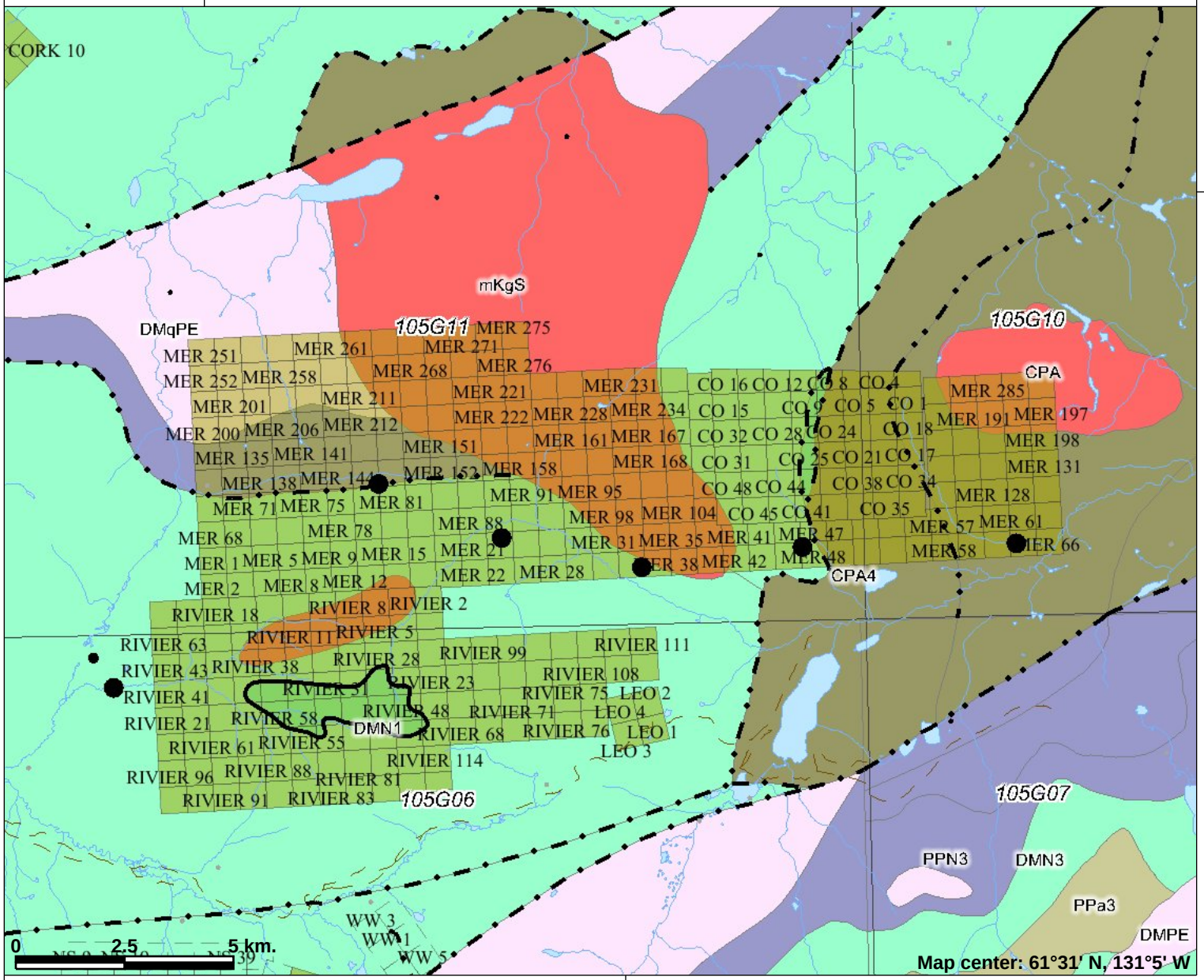
In 2011 Arcturus Ventures Inc. conducted geologic mapping, prospecting and stream sediment and soil sampling on the Mer Property. A total of 32 man days were spent in the field with additional preparation time and expediting between June 16 and July 8, 2011 as well as August 25 to 27, 2011. Field crews were flown daily by helicopter from Inconnu Lodge in June and July by Outbound Aviation and from Ross River in August by Trans North Helicopters.

A total of 552 soil samples were collected from reconnaissance lines in June-July and the follow up grid lines in August. The reconnaissance lines were along the claim staking lines and two 400 metre by 400 metre east-west/north-south grids were sampled on 50 metre centers over two high gold-in-soil samples located on the claim lines during the reconnaissance sampling. The sample locations are displayed on Figures 4.1, 4.2 and 4.3. Eleven silt samples were collected from streams on the Property. The sampling was carried out by contract with Ketza Enterprises Ltd.

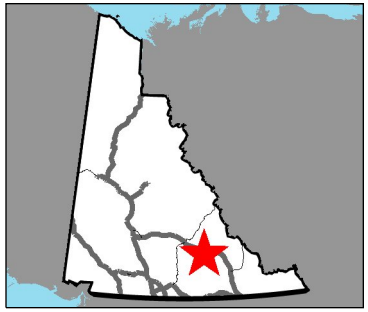
9.0 SAMPLING METHODS AND APPROACH

Soil samples were collected along the claim lines located by hand-held GPS instruments. Soil samples were collected from the “B” soil horizon using mattock. Depths and color of the soil sample with adjacent float material was recorded. Depths of sample ranged from 10 centimetres to 40 centimetres. Sample locations were marked in the field with the station number on flagging tape.

Figure 3 Mer Claims Geology Map with Gold



Map center: 61°31' N, 131°5' W



Legend

CSW RGS_YT_2003_Au

- less than 50 %: 0.5 - 1
- 50-90%: 1 - 9 ppb
- 90-95%: 9 - 18 ppb
- 95-99%: 18 - 96.43 ppb
- greater than 99%: 96.43 - 1680 ppb

Yukon Border - Surveyed

Faults (250K)

- defined
- approximate
- assumed
- extrapolated
- defined
- extrapolated
- defined
- approximate
- assumed
- extrapolated
- defined
- approximate
- assumed
- extrapolated
- defined
- approximate
- assumed
- extrapolated

National Road Network - All Roads

- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown

N

Scale: 1:137,186

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Reconnaissance gold in silt anomalies greater than 95th percentile

GEOLOGICAL LEGEND TO ACCOMPANY FIGURE 3 GEOLOGY MAP

MID-CRETACEOUS

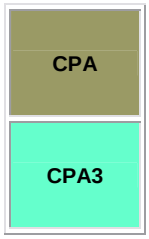


mKS: SELWYN SUITE
plutonic suite of intermediate (g) to more felsic composition (q) and rarely syenitic (y); equivalent felsic dykes (f); complete compositional gradation so that these designations are somewhat arbitrary

f. felsic dykes **(Selwyn Suite)**

g. resistant, blocky, fine to coarse grained equigranular to porphyritic (K-feldspasr) biotite quartz monzonite and granodiorite and minor quartz diorite; minor leuco-quartz monzonite and syenite **(Selwyn Suite)**

CARBONIFEROUS AND PERMIAN



CPA: ANVIL
dominantly oceanic assemblage of mafic volcanics (1), ultramafics (4), chert and pelite (2), limestone (3) and gabbroic rocks (5)

1. variably altered and foliated, locally augite-phyric basalt (local pillows), diorite and gabbro, chloritic greenstone, amphibolitic greenstone and amphibolite; minor metachert, siliceous argillite or siltstone, greywacke, tuff, and siliceous limestone

4. dunite, peridotite, gabbro, pyroxenite, harzburgite and minor diorite, hornblendite and diabase; serpentinite, orange weathering quartz carbonate rock with minor green chromian muscovite, talc-carbonate schist and carbonatized ultramafic rocks

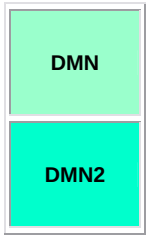
LATE DEVONIAN TO MISSISSIPPIAN



DMPE: PELLY GNEISS SUITE - NORTHEAST
variably deformed granitic rocks of predominantly felsic (q) to intermediate composition (g) northeast of Tintina Fault **(Simpson Range Suite)**

q. resistant, medium grey weathering, porphyritic (pink K-feldspar) biotite quartz monzonite; generally fresh to weakly saussuritized, locally shattered and recemented

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

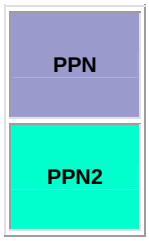


DMN: NASINA
graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5),and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)

1. dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (+/-chlorite; +/- feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit **(Nasina assem.)**

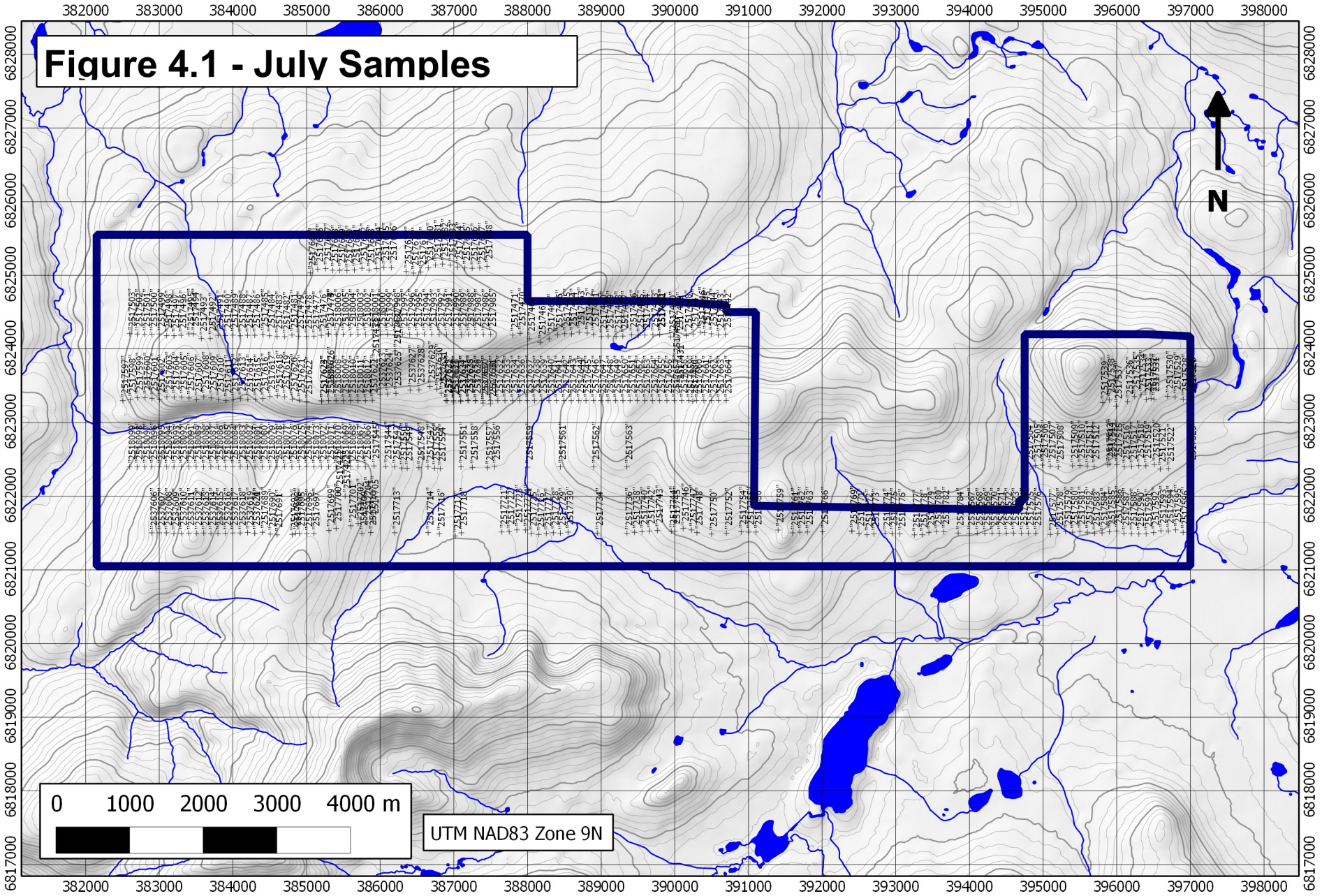
3. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage

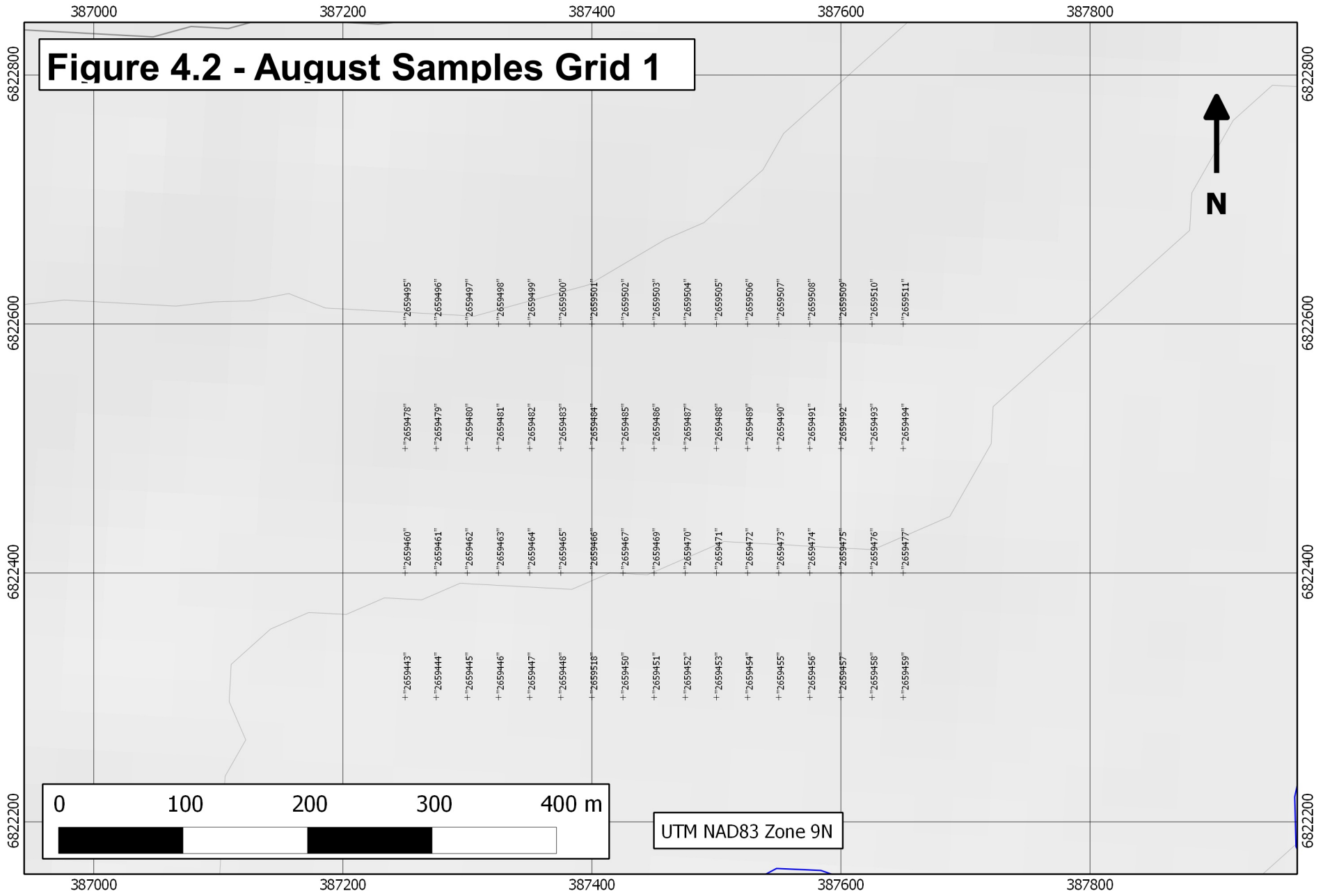
LATE PROTEROZOIC AND PALEOZOIC

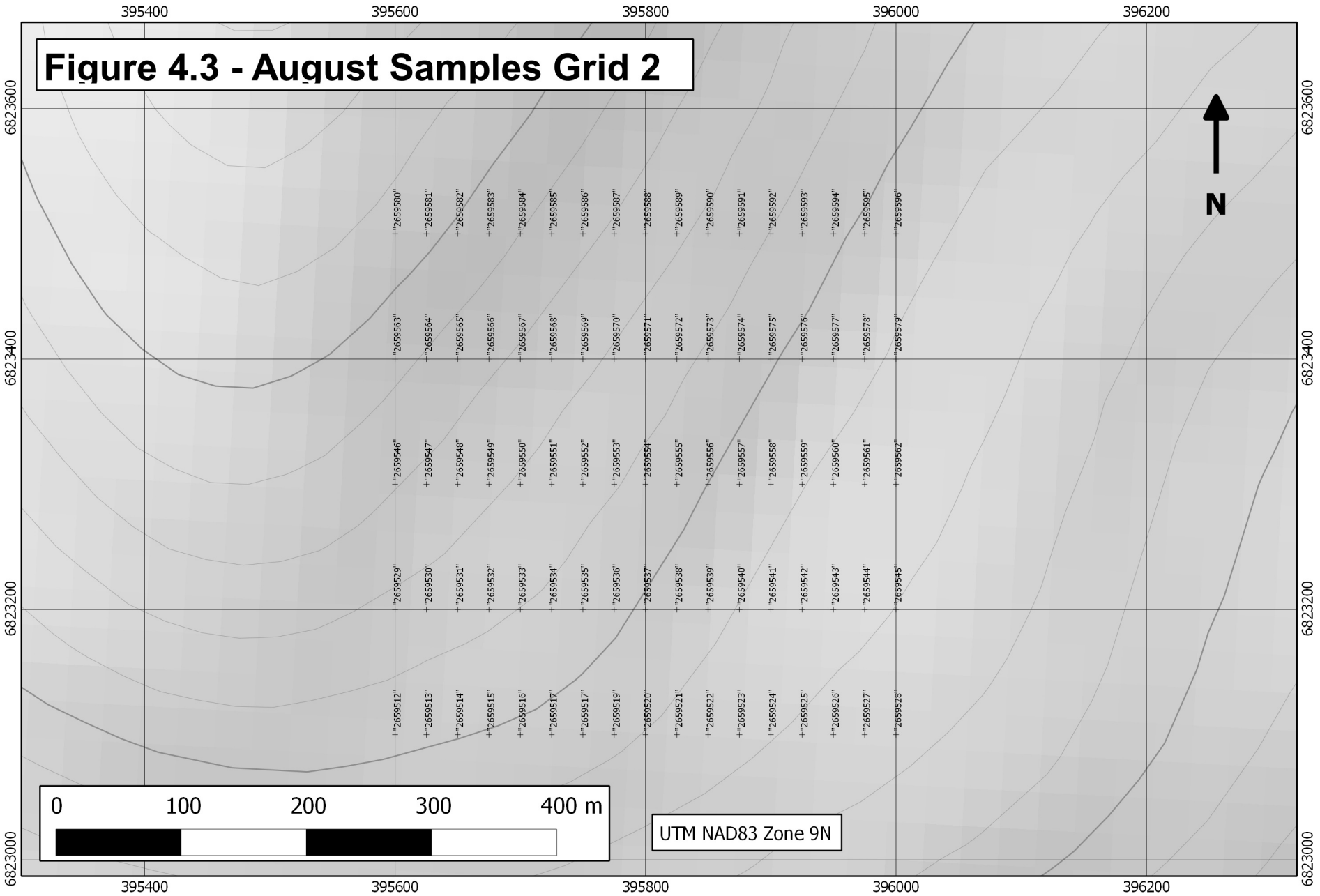


PPN: NISLING
assemblage characterized by mica quartz feldspar schist (1) and abundant locally thick limestone members (2); (3) includes possibly equivalent strata northeast of Tintina Fault

3. calcareous quartz psammite, marble, calcareous chlorite-biotite schist and calcsilicate; calcareous garnet-biotite-muscovite schist, rare amphibolite; biotite-quartz-muscovite schist and lesser quartz-feldspar-muscovite augen schist **(assignment uncertain, could belong to DMN (Nasina))**


Figure 4.1 - July Samples
382000
383000
384000
385000
386000
387000
388000
389000
390000
391000
392000
393000
394000
395000
396000
397000
398000
6828000
6827000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
6819000
6818000
6817000
N
0
1000
2000
3000
4000 m
UTM NAD83 Zone 9N


Figure 4.2 - August Samples Grid 1
387000
387200
387400
387600
387800
6822800
6822600
6822400
6822200
N
0
100
200
300
400 m
UTM NAD83 Zone 9N


Figure 4.3 - August Samples Grid 2
395400
395600
395800
396000
396200
6823600
6823400
6823200
6823000
N
0
100
200
300
400 m
UTM NAD83 Zone 9N

Silt sediment samples were obtained from the active stream bed. The sample sites were located by hand held GPS in the UTM co-ordinate system. The site was marked with flagging tape and the sample number recorded on the flag. Sample locations are tabled in Appendix 3 of this report. Assay certificates are included in Appendix 4 of this report.

Multi-element analyses for soil and silt samples were carried out at AGAT Laboratories Mississauga, Ontario. Each sample was dried, fine crushed to better than 70% passing -2mm and then a 250 gram split was pulverized to better than 85% passing 75 micron. The fine fraction was then analyzed for gold using fire assay followed by inductively coupled plasma-atomic (ICP) emission spectroscopy analysis. Mercury and 41 other elements were analyzed by using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis ICP-OES and Hg-CVAA. AGAT Laboratories is an independent commercial assay company.

Employees of Arcturus Ventures Inc. delivered the samples directly to the preparation laboratory of AGAT Laboratories located in Whitehorse.

The soil and silt sediment samples were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 51 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-MS41). Al 30 g charge was further analyzed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-TL42).

10.0 DISCUSSION OF RESULTS

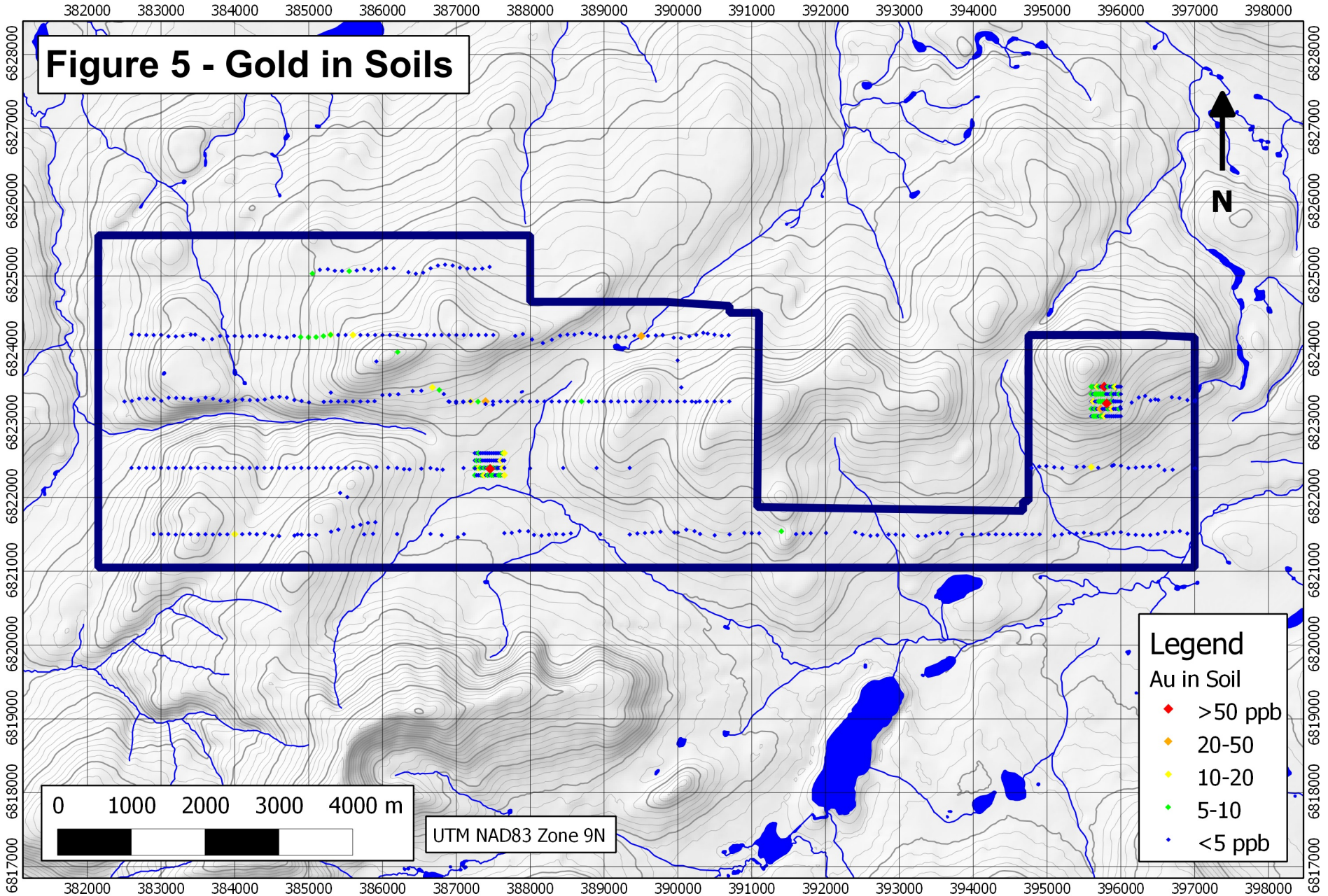
Analysis of the assay results for gold, pathfinder elements, alteration, lithology and sample quality indicates that the survey sampling was reliable and indicated low but anomalous gold-in-soil.

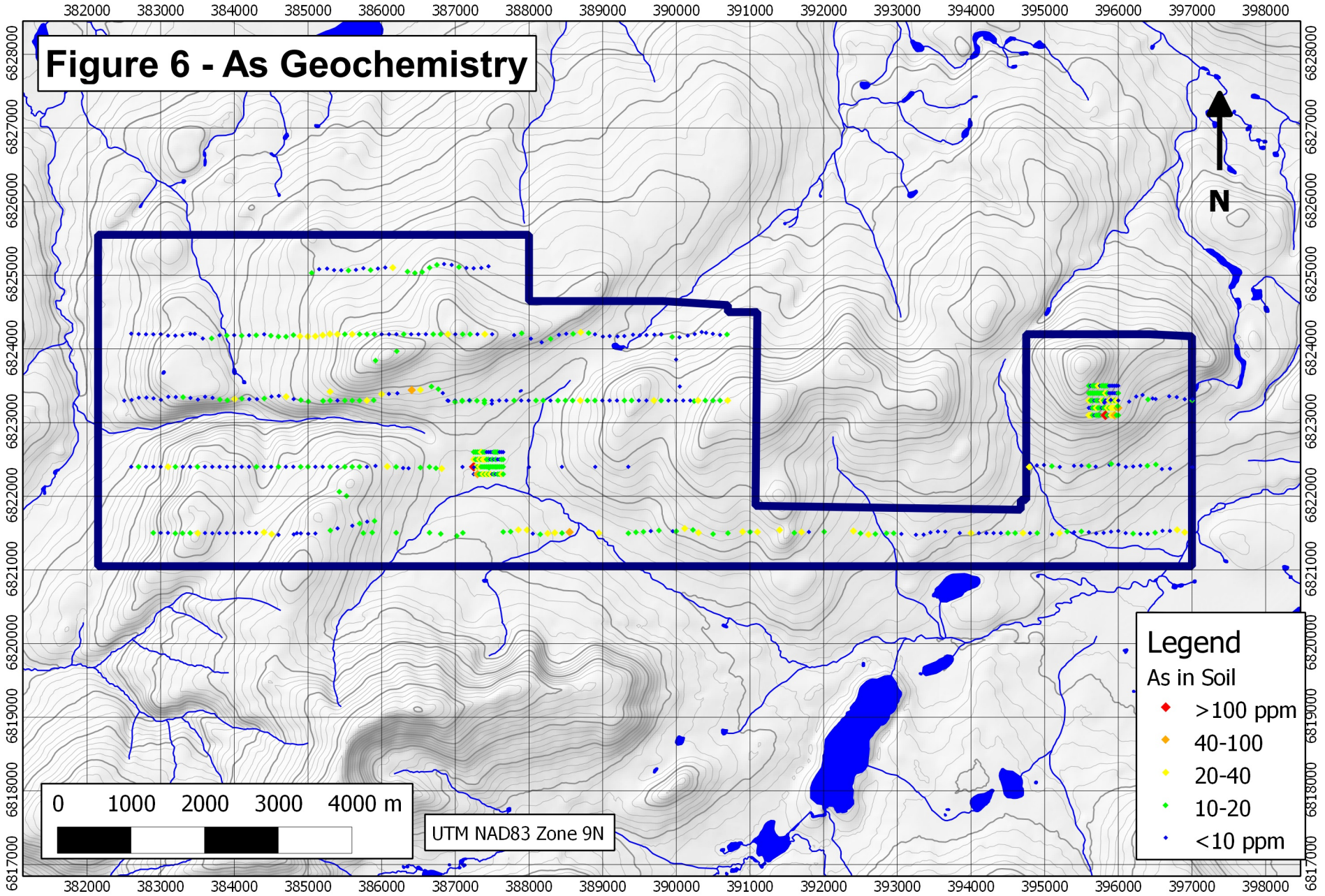
Two very anomalous gold-in-soil samples were collected in the initial reconnaissance phase of sampling. Figure 5 highlights the anomalous grid sampled areas. In the central portion of the property on Grid one a gold-in-soil value of 839 ppb was detected in an area underlain by Cretaceous aged granodiorite of the Selwyn Plutonic Suite in contact with Devono-Mississippian quartzite. In the northeastern area of the Property on Grid two a gold-in-soil value of 2430 ppb was detected in an area underlain by ultramafic rocks of the over thrust Anvil Assemblage near the contact with Cretaceous aged granodiorite of the Selwyn Plutonic Suite. Re-sampling of the two sites was unable to reproduce the anomalous values and the detailed grid sampling produced only erratic weak gold-in-soil values.

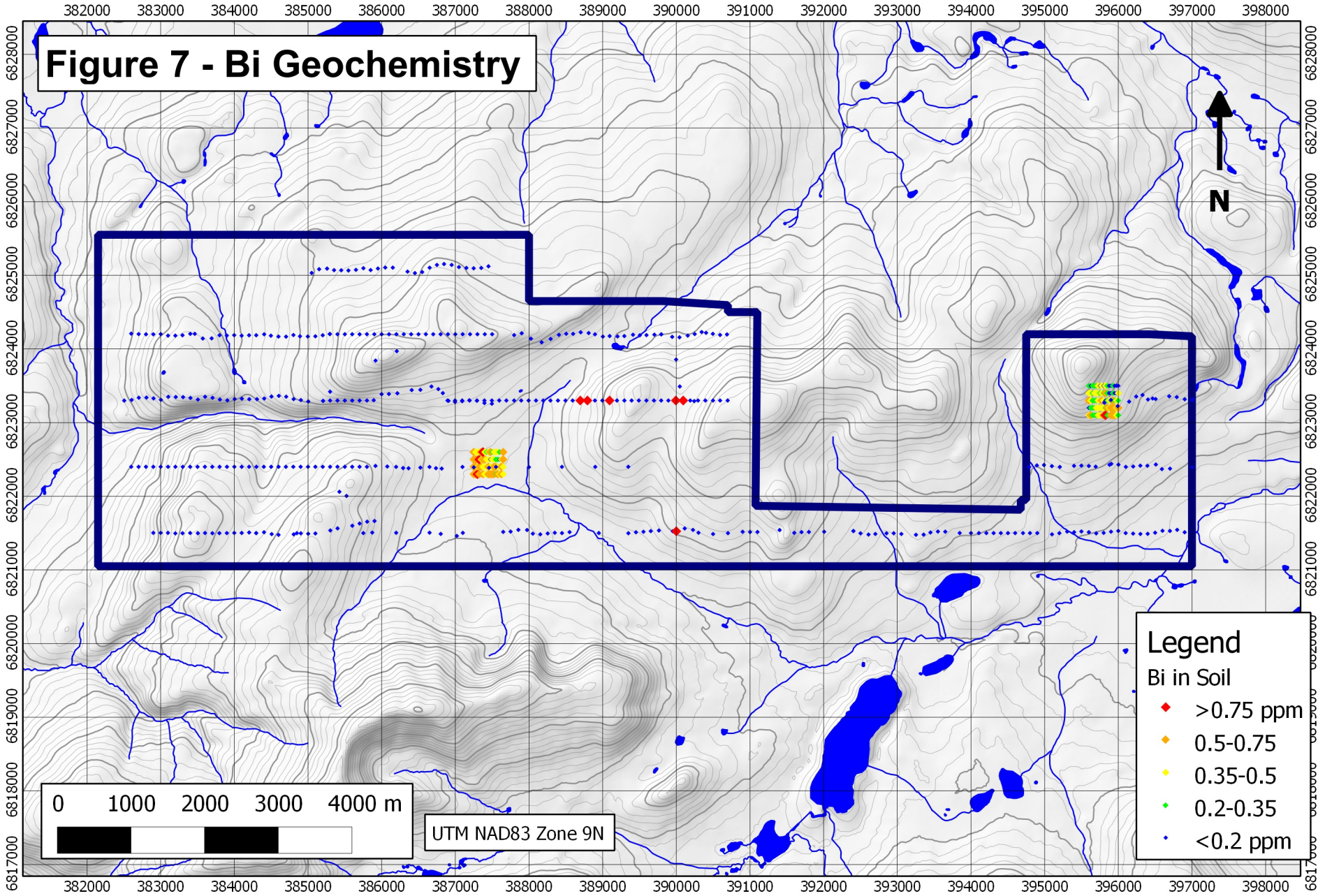
There are a few scattered gold-in-soil anomalous sample sites on the northwestern sample lines all less than 50 ppb that have not been examined in the field.

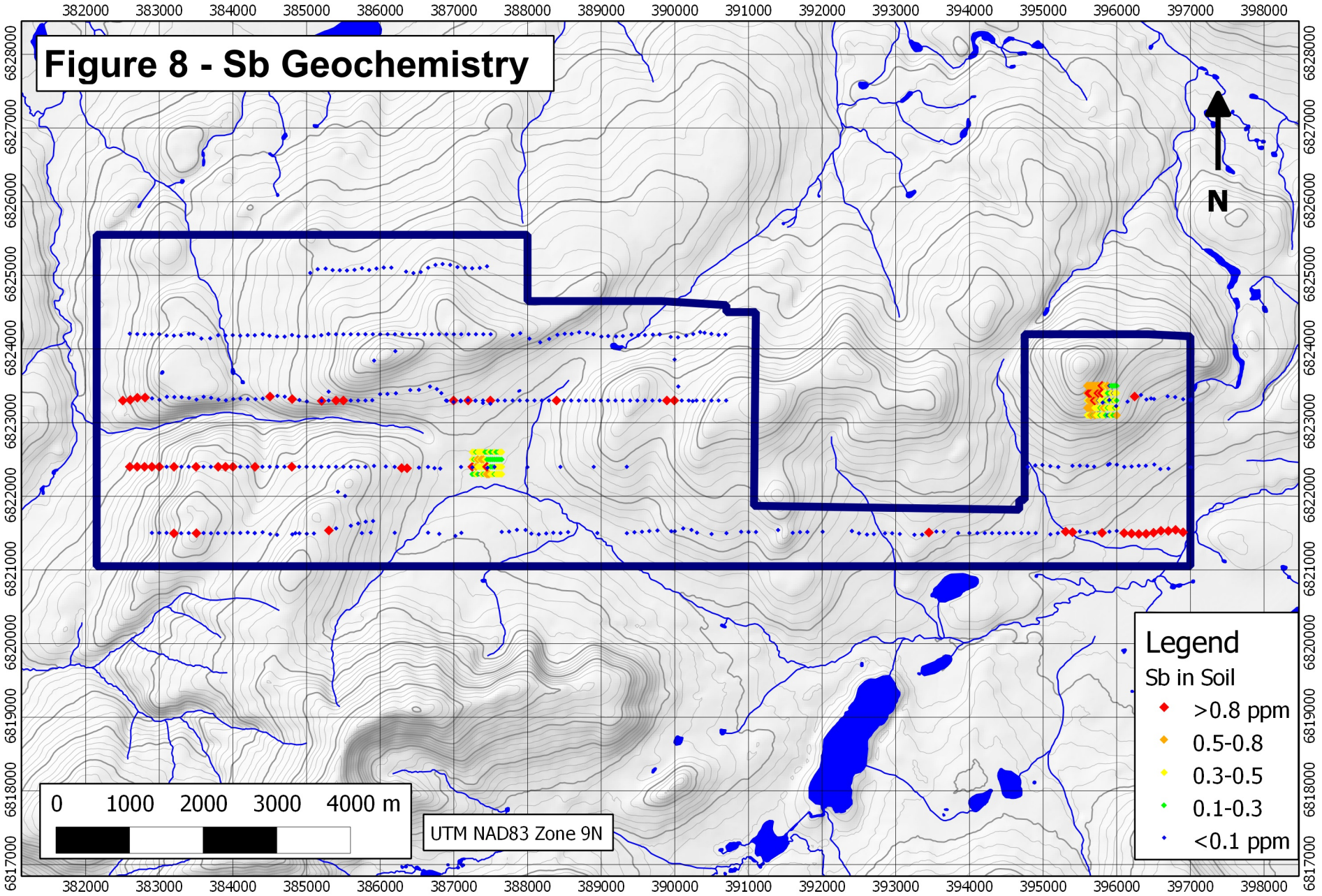
The pathfinder elements that include arsenic, antimony and bismuth produced scattered weakly anomalous patterns on both grids and on the reconnaissance claim lines.

The elements indicating sample quality namely manganese and iron indicate sampling in low marshy areas are of poor quality with leaching of metals from the soils. The calcium results appear to reflect high organic content along the low marshy areas as well, although the results from the eastern end of the Property may reflect calcareous content of the underlying ultramafic rocks or the possibility of iron carbonate alteration similar to the listwanite mapped on the adjacent Rivier Property.


Figure 5 - Gold in Soils
382000
383000
384000
385000
386000
387000
388000
389000
390000
391000
392000
393000
394000
395000
396000
397000
398000
6828000
6827000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
6819000
6818000
6817000
N
Legend
Au in Soil
>50 ppb
20-50
10-20
5-10
<5 ppb
0
1000
2000
3000
4000 m
UTM NAD83 Zone 9N


Figure 6 - As Geochemistry
382000
383000
384000
385000
386000
387000
388000
389000
390000
391000
392000
393000
394000
395000
396000
397000
398000
6828000
6827000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
6819000
6818000
6817000
N
Legend
As in Soil
>100 ppm
40-100
20-40
10-20
<10 ppm
0
1000
2000
3000
4000 m
UTM NAD83 Zone 9N


Figure 7 - Bi Geochemistry
382000
383000
384000
385000
386000
387000
388000
389000
390000
391000
392000
393000
394000
395000
396000
397000
398000
6828000
6827000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
6819000
6818000
6817000
N
Legend
Bi in Soil
>0.75 ppm
0.5-0.75
0.35-0.5
0.2-0.35
<0.2 ppm
0
1000
2000
3000
4000 m
UTM NAD83 Zone 9N


Figure 8 - Sb Geochemistry
382000
383000
384000
385000
386000
387000
388000
389000
390000
391000
392000
393000
394000
395000
396000
397000
398000
6828000
6827000
6826000
6825000
6824000
6823000
6822000
6821000
6820000
6819000
6818000
6817000
N
Legend
Sb in Soil
>0.8 ppm
0.5-0.8
0.3-0.5
0.1-0.3
<0.1 ppm
0
1000
2000
3000
4000 m
UTM NAD83 Zone 9N

The silt samples did not reproduce the original sampling results from the GSC reconnaissance survey. The results were uniformly low with the high value of 5 ppb.

11.0 INTERPRETATION AND CONCLUSIONS

Soil geochemistry located two gold-in-soil anomalies that with the detailed grid sampling did not duplicate or produce a discernible dispersion pattern. The detailed sampling did produce weakly anomalous gold-in-soil results that require closer examination with close attention to underlying geology and potential structures at different orientations. Several weakly anomalous gold-in-soil samples in the northwest block of the property have not been followed up. Several areas of anomalous pathfinder elements arsenic, antimony and bismuth occur in the western areas that also warrant further follow up investigations.

12.0 RECOMMENDATIONS

Further reconnaissance geochemical sampling, detailed geological mapping and prospecting is recommended. Reconnaissance soil sampling along lines intermediate to the existing claim line to sample along higher elevations to fill in coverage is recommended. The claim lines are separated by 900 metre intervals which is a relatively wide spacing. Geological mapping and prospecting in and around the areas of the grid anomalies is also recommended. Lithological and structural observations are important in locating gold orogenic type veins.

13.0 REFERENCES

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APPENDIX 1

STATEMENT OF QUALIFICATIONS

I, Robert W. Stroshein, P.Eng. do hereby certify that:

1) I am currently self-employed, with an office at
106 – #3 Glacier Lane
P.O. Box 10559 Station Main
Whitehorse, Yukon, Canada
Y1A 7A1

2) I graduated with a BSc. Degree in Geological Engineering from the University of Saskatchewan at Saskatoon, SK in 1973.

3) I am a member of the Association of Professional Engineers of Yukon Territory (Registered Professional Engineer, No. 1165).

4) I have worked as an Exploration Geologist for a total of thirty-seven years since graduation from university primarily in the Yukon.

5) I am familiar with the lithologies in the Finlayson Lake District and have been an active participant in exploration programs in the region since 1974. I have conducted geochemical and geophysical surveys, geological mapping and diamond drilling on a number of properties in the region including the Fire Lake Property, RB Property, 1st Base Property, Mink Creek area properties and regional reconnaissance programs for gold and base metals.

6) I visited the Mer Property June 19, 2011 and carried out mapping, prospecting and supervised the start of the proposed sampling program for 2011.

Dated at Whitehorse, Yukon Territory this 5th day of April, 2011

Robert W. Stroshein, P.Eng.

Statement of Work and Costs – Mer Claims
105G10 & 105G11 - Watson Lake Mining District

Work Performed:
June 16th – July 8th: Approximately 400 soil and silt samples, geological mapping and prospecting
August 25-27th: Approximately170 soil, silt and bulk samples

Costs Allocation:
All invoices attached, where less than 100% is applied to Mer claims, it is indicated below.

Outbound Aviation	25% of $181,989.72	$45,497.43
Inconnu Lodge	40% of $34,542.50	$13,817.00
AGAT Labs	40% of $7,457.47	$2,982.99
Tim Liverton	17.5% of $11,361.60	$1,988.28
Various Field Workers		$14,309.00
Pelly River Ventures		$2,700.00
Trans North		$7,277.19
AGAT Labs		$5,617.38
Ketza Enterprises		$1,200.00
	TOTAL:	**$95,389.27**

Field Name	UTM-Zone	UTM-Ch	UTM-East	UTM-North	Sample ID	wt. kg.
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BM003	9	V	385523	6822004	2517422	0.31
JB001	9	V	389997	6823856	2517430	0.36
JB002	9	V	390047	6823490	2517431	0.37
JB003	9	V	386205	6823970	2517432	0.19
JB004	9	V	385917	6823842	2517433	0.14
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KL024	9	V	390594	6824190	2517443	0.05
KL025	9	V	390496	6824205	2517444	0.07
KL030	9	V	390404	6824219	2517445	0.07
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KL041	9	V	389595	6824188	2517454	0.06
KL042	9	V	389505	6824186	2517455	0.07
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KL052	9	V	388599	6824205	2517464	0.1
KL053	9	V	388505	6824206	2517465	0.04
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PE031	9	V	385100	6821495	2517697	0.19
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PE033	9	V	385401	6821564	2517700	0.16
PE034	9	V	385601	6821600	2517701	0.12
PE035	9	V	385701	6821630	2517702	0.23
PE036	9	V	385803	6821655	2517704	0.16
PE037	9	V	385903	6821664	2517705	0.14
PE038	9	V	385751	6821500	2517709	0.17
PE039	9	V	385872	6821507	2517710	0.19
PE041	9	V	386197	6821504	2517713	0.23
PE044	9	V	386650	6821505	2517714	0.32
PE045	9	V	386802	6821489	2517716	0.19
PE046	9	V	387020	6821461	2517717	0.19
PE047	9	V	387102	6821503	2517718	0.22
PE062	9	V	387650	6821516	2517721	0.1
PE063	9	V	387750	6821520	2517722	0.2
PE064	9	V	387856	6821544	2517723	0.2
PE065	9	V	387974	6821542	2517724	0.16
PE066	9	V	388052	6821492	2517725	0.08
PE067	9	V	388153	6821483	2517726	0.18
PE068	9	V	388254	6821495	2517727	0.13
PE069	9	V	388350	6821504	2517728	0.07
PE070	9	V	388448	6821500	2517729	0.18
PE071	9	V	388551	6821513	2517730	0.17
PE072	9	V	388948	6821501	2517734	0.22
PE073	9	V	389349	6821498	2517736	0.2
PE074	9	V	389452	6821511	2517738	0.21
PE075	9	V	389554	6821518	2517740	0.15
PE076	9	V	389653	6821527	2517742	0.13
PE077	9	V	389764	6821535	2517743	0.14
PE078	9	V	389952	6821525	2517744	0.08
PE079	9	V	390000	6821525	2517745	0.19
PE080	9	V	390114	6821563	2517746	0.19
PE081	9	V	390226	6821543	2517747	0.16
PE082	9	V	390301	6821505	2517748	0.21
PE083	9	V	390499	6821487	2517750	0.19
PE084	9	V	390701	6821499	2517752	0.25
PE086	9	V	390900	6821518	2517754	0.22
PE087	9	V	391001	6821514	2517755	0.29
PE088	9	V	391102	6821515	2517756	0.21
PE089	9	V	391402	6821541	2517759	0.2
PE090	9	V	391601	6821503	2517761	0.22
PE091	9	V	391700	6821513	2517762	0.24

PE092	9	V	391800	6821515	2517763	0.15
PE093	9	V	392007	6821518	2517766	0.2
PE095	9	V	392404	6821528	2517769	0.23
PE095	9	V	392404	6821528	2517769	0.23
PE096	9	V	392500	6821497	2517771	0.2
PE097	9	V	392609	6821480	2517772	0.16
PE098	9	V	392702	6821488	2517773	0.22
PE099	9	V	392853	6821497	2517774	0.25
PE100	9	V	392951	6821498	2517775	0.11
PE101	9	V	393055	6821488	2517776	0.19
PE102	9	V	393253	6821477	2517777	0.3
PE103	9	V	393357	6821479	2517778	0.22
PE104	9	V	393450	6821508	2517779	0.21
PE105	9	V	393551	6821521	2517780	0.2
PE106	9	V	393651	6821519	2517782	0.28
PE107	9	V	393847	6821501	2517784	0.23
DT087	9	V	387500	6824200	2517985	0.11
DT088	9	V	387400	6824200	2517986	0.11
DT089	9	V	387300	6824200	2517987	0.13
DT090	9	V	387200	6824200	2517988	0.18
DT091	9	V	387100	6824200	2517989	0.12
DT092	9	V	387000	6824200	2517990	0.1
DT093	9	V	386900	6824200	2517991	0.12
DT094	9	V	386800	6824200	2517992	0.1
DT095	9	V	386700	6824200	2517993	0.11
DT096	9	V	386600	6824200	2517994	0.12
DT097	9	V	386500	6824200	2517995	0.18
DT098	9	V	386400	6824200	2517996	0.09
DT099	9	V	386300	6824200	2517997	0.11
DT100	9	V	386200	6824200	2517998	0.13
DT101	9	V	386100	6824200	2517999	0.07
DT102	9	V	386000	6824200	2518000	0.07
DT103	9	V	385900	6824200	2518001	0.1
DT104	9	V	385800	6824200	2518002	0.14
DT105	9	V	385700	6824200	2518003	0.12
DT106	9	V	385600	6824200	2518004	0.11
DT107	9	V	385500	6824200	2518005	0.18
DT108	9	V	385400	6824200	2518006	0.13
DT109	9	V	385300	6823300	2518007	0.1
DT110	9	V	385400	6823300	2518008	0.08
DT111	9	V	385500	6823300	2518009	0.12
DT112	9	V	385600	6823300	2518010	0.07
DT113	9	V	385700	6823300	2518011	0.18
DT114	9	V	385800	6823300	2518012	0.08
PE108	9	V	385800	6822400	2518066	0.22
PE109	9	V	385700	6822400	2518067	0.28
PE110	9	V	385600	6822400	2518068	0.3
PE111	9	V	385500	6822400	2518069	0.23
PE112	9	V	385400	6822400	2518070	0.25
PE113	9	V	385300	6822400	2518071	0.27
PE114	9	V	385200	6822400	2518072	0.24
PE115	9	V	385100	6822400	2518073	0.41
PE116	9	V	385000	6822400	2518074	0.21
PE117	9	V	384900	6822400	2518075	0.2
PE118	9	V	384800	6822400	2518076	0.18
PE119	9	V	384700	6822400	2518077	0.24
PE120	9	V	384600	6822400	2518078	0.13
PE121	9	V	384500	6822400	2518079	0.21

PE122	9	V	384400	6822400	2518080	0.12
PE123	9	V	384300	6822400	2518081	0.22
PE124	9	V	384200	6822400	2518082	0.18
PE125	9	V	384100	6822400	2518083	0.22
PE126	9	V	384000	6822400	2518084	0.19
PE127	9	V	383900	6822400	2518085	0.09
PE128	9	V	383800	6822400	2518086	0.13
PE129	9	V	383700	6822400	2518087	0.16
PE130	9	V	383600	6822400	2518088	0.16
PE131	9	V	383500	6822400	2518089	0.16
PE132	9	V	383400	6822400	2518091	0.08
PE133	9	V	383300	6822400	2518092	0.17
PE134	9	V	383200	6822400	2518093	0.14
PE135	9	V	383100	6822400	2518094	0.07
PE136	9	V	383000	6822400	2518095	0.21
PE137	9	V	382900	6822400	2518096	0.22
PE138	9	V	382800	6822400	2518097	0.12
PE139	9	V	382700	6822400	2518098	0.07
PE140	9	V	382600	6822400	2518099	0.18
400	9	V	382900	6821503	2537606	0.248
401	9	V	383000	6821503	2537607	0.168
402	9	V	383099	6821503	2537608	0.078
403	9	V	383199	6821496	2537609	0.162
404	9	V	383297	6821498	2537610	0.208
405	9	V	383400	6821501	2537611	0.184
406	9	V	383505	6821498	2537612	0.224
407	9	V	383602	6821501	2537613	0.246
408	9	V	383702	6821498	2537614	0.292
409	9	V	383797	6821499	2537615	0.286
410	9	V	383898	6821500	2537616	0.24
411	9	V	383999	6821502	2537617	0.31
412	9	V	384100	6821502	2537618	0.164
413	9	V	384201	6821508	2537619	0.14
414	9	V	384297	6821500	2537620	0.176
415	9	V	384296	6821500	2537621	0.136
416	9	V	385892	6823304	2537622	0.15
417	9	V	385999	6823386	2537623	0.212
418	9	V	386098	6823389	2537624	0.11
419	9	V	386213	6823398	2537625	0.172
420	9	V	385300	6823420	2537626	0.138
421	9	V	386408	6823442	2537627	0.122
422	9	V	386526	6823445	2537628	0.174
423	9	V	386676	6823490	2537629	0.118
424	9	V	386769	6823455	2537630	0.142
425	9	V	386830	6823400	2537631	0.114
426	9	V	386907	6823296	2537632	0.116
427	9	V	386996	6823280	2537633	0.106
428	9	V	387093	6823291	2537634	0.19
429	9	V	387190	6823303	2537635	0.164
430	9	V	387293	6823297	2537636	0.07
431	9	V	387395	6823266	2537637	0.222
432	9	V	387496	6823256	2537638	0.144

Name	UTM-Zone	UTM-Ch	UTM-East	UTM-North	Sample ID	Sample Description
M11AU G01L02S01	9	V	387250	6822300	2659443	G1-L2 S-1 (-)
M11AU G01L02S02	9	V	387275	6822300	2659444	G1-L2 S-2 (-)
M11AU G01L02S03	9	V	387300	6822300	2659445	G1-L2 S-3 (-)
M11AU G01L02S04	9	V	387325	6822300	2659446	G1-L2 S-4 (-)
M11AU G01L02S05	9	V	387350	6822300	2659447	G1-L2 S-5 (-)
M11AU G01L02S06	9	V	387375	6822300	2659448	G1-L2 S-6 (-)
M11AU G01L02S07	9	V	387400	6822300	2659518	G1-L2 S-7 (-)
M11AU G01L02S08	9	V	387425	6822300	2659450	G1-L2 S-8 (-)
M11AU G01L02S09	9	V	387450	6822300	2659451	G1-L2 S-9 (-)
M11AU G01L02S10	9	V	387475	6822300	2659452	G1-L2 S-10 (-)
M11AU G01L02S11	9	V	387500	6822300	2659453	G1-L2 S-11 (-)
M11AU G01L02S12	9	V	387525	6822300	2659454	G1-L2 S-12 (-)
M11AU G01L02S13	9	V	387550	6822300	2659455	G1-L2 S-13 (-)
M11AU G01L02S14	9	V	387575	6822300	2659456	G1-L2 S-14 (-)
M11AU G01L02S15	9	V	387600	6822300	2659457	G1-L2 S-15 (-)
M11AU G01L02S16	9	V	387625	6822300	2659458	G1-L2 S-16 (-)
M11AU G01L02S17	9	V	387650	6822300	2659459	G1-L2 S-17 (-)
M11AU G01L03S01	9	V	387250	6822400	2659460	G1-L3 S-1 (-)
M11AU G01L03S02	9	V	387275	6822400	2659461	G1-L3 S-2 (-)
M11AU G01L03S03	9	V	387300	6822400	2659462	G1-L3 S-3 (-)
M11AU G01L03S04	9	V	387325	6822400	2659463	G1-L3 S-4 (-)
M11AU G01L03S05	9	V	387350	6822400	2659464	G1-L3 S-5 (-)
M11AU G01L03S06	9	V	387375	6822400	2659465	G1-L3 S-6 (-)
M11AU G01L03S07	9	V	387400	6822400	2659466	G1-L3 S-7 (-)
M11AU G01L03S08	9	V	387425	6822400	2659467	G1-L3 S-8 (-)
M11AU G01L03S09	9	V	387450	6822400	2659469	G1-L3 S-9 (-)
M11AU G01L03S10	9	V	387475	6822400	2659470	G1-L3 S-10 (-)
M11AU G01L03S11	9	V	387500	6822400	2659471	G1-L3 S-11 (-)
M11AU G01L03S12	9	V	387525	6822400	2659472	G1-L3 S-12 (-)
M11AU G01L03S13	9	V	387550	6822400	2659473	G1-L3 S-13 (-)
M11AU G01L03S14	9	V	387575	6822400	2659474	G1-L3 S-14 (-)
M11AU G01L03S15	9	V	387600	6822400	2659475	G1-L3 S-15 (-)
M11AU G01L03S16	9	V	387625	6822400	2659476	G1-L3 S-16 (-)
M11AU G01L03S17	9	V	387650	6822400	2659477	G1-L3 S-17 (-)
M11AU G01L04S01	9	V	387250	6822500	2659478	G1-L4 S-1 (-)
M11AU G01L04S02	9	V	387275	6822500	2659479	G1-L4 S-2 (-)
M11AU G01L04S03	9	V	387300	6822500	2659480	G1-L4 S-3 (-)
M11AU G01L04S04	9	V	387325	6822500	2659481	G1-L4 S-4 (-)
M11AU G01L04S05	9	V	387350	6822500	2659482	G1-L4 S-5 (-)
M11AU G01L04S06	9	V	387375	6822500	2659483	G1-L4 S-6 (-)
M11AU G01L04S07	9	V	387400	6822500	2659484	G1-L4 S-7 (-)
M11AU G01L04S08	9	V	387425	6822500	2659485	G1-L4 S-8 (-)
M11AU G01L04S09	9	V	387450	6822500	2659486	G1-L4 S-9 (-)
M11AU G01L04S10	9	V	387475	6822500	2659487	G1-L4 S-10 (-)
M11AU G01L04S11	9	V	387500	6822500	2659488	G1-L4 S-11 (-)
M11AU G01L04S12	9	V	387525	6822500	2659489	G1-L4 S-12 (-)
M11AU G01L04S13	9	V	387550	6822500	2659490	G1-L4 S-13 (-)
M11AU G01L04S14	9	V	387575	6822500	2659491	G1-L4 S-14 (-)
M11AU G01L04S15	9	V	387600	6822500	2659492	G1-L4 S-15 (-)
M11AU G01L04S16	9	V	387625	6822500	2659493	G1-L4 S-16 (-)
M11AU G01L04S17	9	V	387650	6822500	2659494	G1-L4 S-17 (-)
M11AU G01L05S01	9	V	387250	6822600	2659495	G1-L5 S-1 (-)
M11AU G01L05S02	9	V	387275	6822600	2659496	G1-L5 S-2 (-)
M11AU G01L05S03	9	V	387300	6822600	2659497	G1-L5 S-3 (-)
M11AU G01L05S04	9	V	387325	6822600	2659498	G1-L5 S-4 (-)
M11AU G01L05S05	9	V	387350	6822600	2659499	G1-L5 S-5 (-)
M11AU G01L05S06	9	V	387375	6822600	2659500	G1-L5 S-6 (-)
M11AU G01L05S07	9	V	387400	6822600	2659501	G1-L5 S-7 (-)
M11AU G01L05S08	9	V	387425	6822600	2659502	G1-L5 S-8 (-)
M11AU G01L05S09	9	V	387450	6822600	2659503	G1-L5 S-9 (-)

M11AU G01L05S10	9	V	387475	6822600	2659504	G1-L5 S-10 (-)
M11AU G01L05S11	9	V	387500	6822600	2659505	G1-L5 S-11 (-)
M11AU G01L05S12	9	V	387525	6822600	2659506	G1-L5 S-12 (-)
M11AU G01L05S13	9	V	387550	6822600	2659507	G1-L5 S-13 (-)
M11AU G01L05S14	9	V	387575	6822600	2659508	G1-L5 S-14 (-)
M11AU G01L05S15	9	V	387600	6822600	2659509	G1-L5 S-15 (-)
M11AU G01L05S16	9	V	387625	6822600	2659510	G1-L5 S-16 (-)
M11AU G01L05S17	9	V	387650	6822600	2659511	G1-L5 S-17 (-)
M11AU G02L01S01	9	V	395600	6823100	2659512	G2-L1 S-1 (-)
M11AU G02L01S02	9	V	395625	6823100	2659513	G2-L1 S-2 (-)
M11AU G02L01S03	9	V	395650	6823100	2659514	G2-L1 S-3 (-)
M11AU G02L01S04	9	V	395675	6823100	2659515	G2-L1 S-4 (-)
M11AU G02L01S05	9	V	395700	6823100	2659516	G2-L1 S-5 (-)
M11AU G02L01S06	9	V	395725	6823100	2659517	G2-L1 S-6 (-)
M11AU G02L01S07	9	V	395750	6823100	2659517	G2-L1 S-6 (-)
M11AU G02L01S08	9	V	395775	6823100	2659519	G2-L1 S-8 (-)
M11AU G02L01S09	9	V	395800	6823100	2659520	G2-L1 S-9 (-)
M11AU G02L01S10	9	V	395825	6823100	2659521	G2-L1 S-10 (-)
M11AU G02L01S11	9	V	395850	6823100	2659522	G2-L1 S-11 (-)
M11AU G02L01S12	9	V	395875	6823100	2659523	G2-L1 S-12 (-)
M11AU G02L01S13	9	V	395900	6823100	2659524	G2-L1 S-13 (-)
M11AU G02L01S14	9	V	395925	6823100	2659525	G2-L1 S-14 (-)
M11AU G02L01S15	9	V	395950	6823100	2659526	G2-L1 S-15 (-)
M11AU G02L01S16	9	V	395975	6823100	2659527	G2-L1 S-16 (-)
M11AU G02L01S17	9	V	396000	6823100	2659528	G2-L1 S-17 (-)
M11AU G02L02S01	9	V	395600	6823200	2659529	G2-L2 S-1 (-)
M11AU G02L02S02	9	V	395625	6823200	2659530	G2-L2 S-2 (-)
M11AU G02L02S03	9	V	395650	6823200	2659531	G2-L2 S-3 (-)
M11AU G02L02S04	9	V	395675	6823200	2659532	G2-L2 S-4 (-)
M11AU G02L02S05	9	V	395700	6823200	2659533	G2-L2 S-5 (-)
M11AU G02L02S06	9	V	395725	6823200	2659534	G2-L2 S-6 (-)
M11AU G02L02S07	9	V	395750	6823200	2659535	G2-L2 S-7 (-)
M11AU G02L02S08	9	V	395775	6823200	2659536	G2-L2 S-8 (-)
M11AU G02L02S09	9	V	395800	6823200	2659537	G2-L2 S-9 (-)
M11AU G02L02S10	9	V	395825	6823200	2659538	G2-L2 S-10 (-)
M11AU G02L02S11	9	V	395850	6823200	2659539	G2-L2 S-11 (-)
M11AU G02L02S12	9	V	395875	6823200	2659540	G2-L2 S-12 (-)
M11AU G02L02S13	9	V	395900	6823200	2659541	G2-L2 S-13 (-)
M11AU G02L02S14	9	V	395925	6823200	2659542	G2-L2 S-14 (-)
M11AU G02L02S15	9	V	395950	6823200	2659543	G2-L2 S-15 (-)
M11AU G02L02S16	9	V	395975	6823200	2659544	G2-L2 S-16 (-)
M11AU G02L02S17	9	V	396000	6823200	2659545	G2-L2 S-17 (-)
M11AU G02L03S01	9	V	395600	6823300	2659546	G2-L3 S-1 (-)
M11AU G02L03S02	9	V	395625	6823300	2659547	G2-L3 S-2 (-)
M11AU G02L03S03	9	V	395650	6823300	2659548	G2-L3 S-3 (-)
M11AU G02L03S04	9	V	395675	6823300	2659549	G2-L3 S-4 (-)
M11AU G02L03S05	9	V	395700	6823300	2659550	G2-L3 S-5 (-)
M11AU G02L03S06	9	V	395725	6823300	2659551	G2-L3 S-6 (-)
M11AU G02L03S07	9	V	395750	6823300	2659552	G2-L3 S-7 (-)
M11AU G02L03S08	9	V	395775	6823300	2659553	G2-L3 S-8 (-)
M11AU G02L03S09	9	V	395800	6823300	2659554	G2-L3 S-9 (-)
M11AU G02L03S10	9	V	395825	6823300	2659555	G2-L3 S-10 (-)
M11AU G02L03S11	9	V	395850	6823300	2659556	G2-L3 S-11 (-)
M11AU G02L03S12	9	V	395875	6823300	2659557	G2-L3 S-12 (-)
M11AU G02L03S13	9	V	395900	6823300	2659558	G2-L3 S-13 (-)
M11AU G02L03S14	9	V	395925	6823300	2659559	G2-L3 S-14 (-)
M11AU G02L03S15	9	V	395950	6823300	2659560	G2-L3 S-15 (-)
M11AU G02L03S16	9	V	395975	6823300	2659561	G2-L3 S-16 (-)
M11AU G02L03S17	9	V	396000	6823300	2659562	G2-L3 S-17 (-)
M11AU G02L04S01	9	V	395600	6823400	2659563	G2-L4 S-1 (-)
M11AU G02L04S02	9	V	395625	6823400	2659564	G2-L4 S-2 (-)

M11AU G02L04S03	9	V	395650	6823400	2659565	G2-L4 S-3 (-)
M11AU G02L04S04	9	V	395675	6823400	2659566	G2-L4 S-4 (-)
M11AU G02L04S05	9	V	395700	6823400	2659567	G2-L4 S-5 (-)
M11AU G02L04S06	9	V	395725	6823400	2659568	G2-L4 S-6 (-)
M11AU G02L04S07	9	V	395750	6823400	2659569	G2-L4 S-7 (-)
M11AU G02L04S08	9	V	395775	6823400	2659570	G2-L4 S-8 (-)
M11AU G02L04S09	9	V	395800	6823400	2659571	G2-L4 S-9 (-)
M11AU G02L04S10	9	V	395825	6823400	2659572	G2-L4 S-10 (-)
M11AU G02L04S11	9	V	395850	6823400	2659573	G2-L4 S-11 (-)
M11AU G02L04S12	9	V	395875	6823400	2659574	G2-L4 S-12 (-)
M11AU G02L04S13	9	V	395900	6823400	2659575	G2-L4 S-13 (-)
M11AU G02L04S14	9	V	395925	6823400	2659576	G2-L4 S-14 (-)
M11AU G02L04S15	9	V	395950	6823400	2659577	G2-L4 S-15 (-)
M11AU G02L04S16	9	V	395975	6823400	2659578	G2-L4 S-16 (-)
M11AU G02L04S17	9	V	396000	6823400	2659579	G2-L4 S-17 (-)
M11AU G02L05S01	9	V	395600	6823500	2659580	G2-L5 S-1 (-)
M11AU G02L05S02	9	V	395625	6823500	2659581	G2-L5 S-2 (-)
M11AU G02L05S03	9	V	395650	6823500	2659582	G2-L5 S-3 (-)
M11AU G02L05S04	9	V	395675	6823500	2659583	G2-L5 S-4 (-)
M11AU G02L05S05	9	V	395700	6823500	2659584	G2-L5 S-5 (-)
M11AU G02L05S06	9	V	395725	6823500	2659585	G2-L5 S-6 (-)
M11AU G02L05S07	9	V	395750	6823500	2659586	G2-L5 S-7 (-)
M11AU G02L05S08	9	V	395775	6823500	2659587	G2-L5 S-8 (-)
M11AU G02L05S09	9	V	395800	6823500	2659588	G2-L5 S-9 (-)
M11AU G02L05S10	9	V	395825	6823500	2659589	G2-L5 S-10 (-)
M11AU G02L05S11	9	V	395850	6823500	2659590	G2-L5 S-11 (-)
M11AU G02L05S12	9	V	395875	6823500	2659591	G2-L5 S-12 (-)
M11AU G02L05S13	9	V	395900	6823500	2659592	G2-L5 S-13 (-)
M11AU G02L05S14	9	V	395925	6823500	2659593	G2-L5 S-14 (-)
M11AU G02L05S15	9	V	395950	6823500	2659594	G2-L5 S-15 (-)
M11AU G02L05S16	9	V	395975	6823500	2659595	G2-L5 S-16 (-)
M11AU G02L05S17	9	V	396000	6823500	2659596	G2-L5 S-17 (-)

Arcturus Ventures Inc.
Mer Claims - 2011
Silt Sample Locations Sheet

Appendix 3 cont'd

No	UTM-Zone	UTM-Ch	UTM-East	UTM-North	Name	Description	Symbol	Date	Time
1	9	V	388434	6824392	105G11 001	19-JUN-11 9:57:49AM	Flag, Blue		
2	9	V	389827	6824023	105G11 002	19-JUN-11 2:33:54PM	Flag, Blue		
3	9	V	389965	6823914	105G11 003	19-JUN-11 2:40:34PM	Flag, Blue		
4	9	V	396623	6823320	105G11 100	105G11 100	Flag, Blue	6/26/2011	10:00:16
5	9	V	396439	6823325	105G11 101	105G11 101	Flag, Blue	6/26/2011	11:53:14
6	9	V	396400	6823318	105G11 102	105G11 102	Flag, Blue	6/26/2011	12:13:17
7	9	V	396373	6823366	105G11 103	105G11 103	Flag, Blue	6/26/2011	12:19:51
8	9	V	395024	6821965	105G11 201	03-JUL-11 8:46:29AM	Flag, Blue		
9	9	V	394226	6821650	105G11 202	03-JUL-11 9:01:02AM	Flag, Blue		
10	9	V	394032	6821487	105G11 203	03-JUL-11 9:43:23AM	Flag, Blue		
11	9	V	393225	6820571	105G11 205	03-JUL-11 10:31:43AM	Flag, Blue		
12	9	V	392573	6820033	105G11 206	03-JUL-11 12:07:44PM	Flag, Blue		
13	9	V	387970	6822038	105G11 208	04-JUL-11 8:10:15AM	Flag, Blue		
14	9	V	390156	6824719	105G11 209	04-JUL-11 10:41:26AM	Flag, Blue		
15	9	V	387914	6826382	105G11 210	04-JUL-11 1:15:15PM	Flag, Blue		
16	9	V	384385	6822963	105G901	105G901	Flag, Blue	7/1/2011	12:46:34
17	9	V	384754	6823007	105G902	105G902	Flag, Blue	7/1/2011	12:28:43
18	9	V	385952	6822914	105G903	105G903	Flag, Blue	7/1/2011	13:40:33
19	9	V	388687	6821613	105G904	105G904	Flag, Blue	7/5/2011	8:22:33
20	9	V	388611	6821457	105G905	105G905	Flag, Blue	7/5/2011	8:35:37
21	9	V	385590	6820466	105G906	105G906	Flag, Blue	7/5/2011	11:54:08

APPENDIX 4

AGAT LABORATORIES

ASSAY CERTIFICATES FOR

MER CLAIMS

2011

Note: The certificates may include samples from other Projects that were submitted at the same time as the Mer Claims samples.

AGAT Laboratories

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

CLIENT NAME: ARCTURUS VENTURES
P.O. Box 696, 141-757 WEST HASTINGS ST
VANCOUVER, BC V6C1A1

ATTENTION TO: BRANDON MACDONALD

PROJECT NO:

AGAT WORK ORDER: 11Y507043

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Aug 15, 2011

PAGES (INCLUDING COVER): 75

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES
VERSION 1:Aug. 15, 2011 - Corrected copy

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
BM-002	0.00116	
BM-003	0.00067	
105G11-001	0.00147	
105G11-002	0.00161	
105G11-003	0.0299	
105G11-100	0.00113	
105G11-101	0.00088	
105G11-102	0.00138	
105G11-103	0.00092	
JB-001	0.00049	
JB-002	0.00123	
JB-003	0.00588	
JB-004	0.00156	
JB-005	0.00244	
JB-006	0.00202	
JB-007	0.00537	
JB-008	0.00559	
JB-009	0.00084	
JB-010	0.00030	
JB-011	0.00107	
JB-012	0.00016	
KL 023	0.00115	
KL 024	0.00047	
KL 025	0.00041	
KL 030	0.00009	
KL 031	0.00009	
KL 032	0.00028	
KL035	0.00033	
KL 036	<0.00005	
KL 037	0.00083	
KL 038	0.00040	
KL 039	<0.00005	

Certified By: Ron Cardinall

Results relate only to the items tested

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Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
KL 040	0.00031	
KL 041	<0.00005	
KL 042	0.0296	
KL 043	0.00075	
KL 044	0.00025	
KL 045	0.00095	
KL 047	0.00022	
KL 048	0.00086	
KL 049	0.00011	
KL 050	0.00157	
KL 051	0.00082	
KL 052	0.00165	
KL 053	0.00025	
KL 054	0.00038	
KL 055	0.00163	
KL 057	0.00069	
KL 058	0.00108	
KL 059	0.00030	
KL 060	0.00283	
KL 061	0.00101	
KL 062	0.00724	
KL 063	0.0110	
KL 064	0.00647	
KL 065	0.00946	
KL 066	0.00929	
KL 067	0.00712	
KL 068	0.00755	
KL 069	0.00070	
KL 070	0.00115	
KL 071	0.00243	
KL 072	0.00445	
KL 073	0.00084	

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Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
KL 074	0.00056	
KL 075	0.00074	
KL 076	0.00090	
KL 077	0.00089	
KL 078	0.00073	
KL 079	0.00132	
KL 080	0.00116	
KL 081	0.00101	
KL 082	0.00082	
KL 083	0.00074	
KL 084	0.00097	
KL 085	<0.00005	
KL 086	0.00030	
KL 087	0.00022	
KL 088	0.00018	
KL 089	0.00036	
KL 090	0.00035	
KL 091	0.00012	
KL 092	<0.00005	
KL 097	0.00178	
KL 098	0.00103	
KL 099	0.00075	
KL 100	0.00019	
KL 101	0.00034	
KL 103	0.00140	
KL 105	0.00104	
KL 106	0.0142	
KL 107	0.00068	
KL 108	0.00119	
KL 109	0.00275	
KL 110	0.00056	
KL 111	0.00083	

Certified By: Ron Cardinall

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Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
KL 112	0.00138	
KL 113	0.00043	
KL 114	0.00095	
KL 115	0.00197	
KL 116	0.00051	
KL 117	<0.00005	
KL 118	0.00037	
KL 119	0.00129	
KL 120	0.00280	
KL 122	0.00051	
KL 123	0.00124	
KL 124	0.00101	
KL 125	0.00111	
KL 126	0.00074	
KL 127	0.00136	
KL 128	0.00039	
KL 129	0.00040	
KL 130	0.00116	
KL 131	0.00085	
KL 132	0.00107	
KL 133	0.00040	
KL 135	0.003	2.66
PE 209 + 0.10	0.00074	
PE 209 + 0.20	0.00168	
PE 210	0.00094	
PE 210 + 0.10	0.00040	
PE 210 + 0.20	0.00376	
PE 210 + .303	0.00084	
PE 210 + 1.00	0.00175	
PE 211	0.00187	
PE 211 + 0.10	0.00086	
PE 211 + 0.20	0.00232	

Certified By: Ron Cardinall

Results relate only to the items tested

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DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
PE 211 + 292	0.00101	
PE 212	0.00009	
PE 212 + 0.10	0.00198	
PE 212 + 110	0.00264	
PE 212 + 299	0.00187	
PE 212 + 495	0.00207	
PE 213	0.00153	
PE 213 + 100	0.00087	0.839
PE 213 + 305	0.00220	
PE 214	0.00129	
PE CRK. SMAWK 5M@214	0.00147	
PE 215	0.00321	
PE 216	0.00176	
PE 217	0.00056	
PE 218	0.00047	
PE 219	0.00135	
PE 220	0.00286	
MER 1.27 4000	0.0011	
MER 1.27 4108	0.00155	
MER 1.28 4209	0.00073	
MER 1.28 4307	0.00116	
MER 1.28 4405	0.00047	
MER 1.28 4502	0.00045	
MER 1.28 4600	0.00057	
MER 1.28 4706	0.00082	
MER 1.29 4801	0.00061	
MER 1.29 4900	0.00048	
MER 1.29 5100	0.00047	
MER 1.30 5200	0.00111	
MER 1.30 5300	0.00090	
MER 1.30 5400	0.00107	
MER 1.30 5500	0.00153	

Certified By: Ron Cardinall

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Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
MER 1.30 5600	0.00111	
MER 1.31 5700	0.00054	
MER 1.31 5801	0.00084	
MER 1.31 5900	0.00137	
MER 1.31 6000	0.00037	
MER 1.32 6100	0.00080	
MER 1.32 6200	0.00261	
MER 1.32 6300	0.00153	
MER 1.32 6400	0.00133	
MER 1.32 6500	0.00138	
MER 1.33 6600	0.00170	
MER 1.33 6700	0.00102	
MER 1.33 6800	0.00113	
MER 1.33 6901	0.00121	
MER 3.01 2506	0.00123	
MER 3.02 2606	0.00099	
MER 3.02 2703	0.00093	
MER 3.02 2807	0.00090	
MER 3.02 2903	0.00154	
MER 3.02 3003	0.00191	
MER 3.03 3104	0.00046	
MER 3.03 3205	0.00055	
MER 3.03 3305	0.00083	
MER 3.03 3404	0.00060	
MER 3.04 3505	0.00180	
MER 3.04 3603	0.00124	
MER 3.04 3704	0.00202	
MER 3.04 3805	0.00259	
MER 3.04 3905	0.00159	
MER 3.05 4004	0.00052	
MER 3.05 4102	0.00058	
MER 3.05 4203	0.00073	

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Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
MER 3.05 4307	0.00044	
MER 3.06 4406	0.00189	
MER 3.06 4504	0.00128	
MER 3.06 4604	0.00041	
MER 3.06 4704	0.00196	
MER 3.06 4805	0.00271	
MER 3.07 4903	0.00316	
MER 3.07 5004	0.00153	
MER 3.07 5199	0.00446	
MER 3.07 5204	0.00087	
MER 3.11 0386894	0.00100	
MER 3.11 0386996	0.00193	
MER 3.12 0387093	0.00069	
MER 3.12 0387194	0.0187	
MER 3.12 0387294	0.00077	
MER 3.12 0387395	0.0240	
MER 3.12 0387496	0.00151	
MER 3.13 0387596	0.00147	
MER 3.13 0387693	0.00071	
MER 3.13 0387798	0.00180	
MER 3.13 0387894	0.00060	
MER 3.13 0387995	0.00293	
MER 3.13 0388095	0.00169	
MER 3.14 0388193	0.00319	
MER 3.14 0388291	0.00078	
MER 3.14 0388393	0.00156	
MER 3.15 0388495	0.00211	
MER 3.15 0388592	0.00398	
MER 3.15 0388696	0.00918	
MER 3.15 0388793	0.00331	
MER 3.15 0388895	0.00280	
MER 3.16 0388996	0.00120	

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
MER 3.16 0389094	0.00212	
MER 3.16 0389194	0.00092	
MER 3.16 0389295	0.00179	
MER 3.17 0389393	0.00313	
MER 3.17 0389491	0.00089	
MER 3.17 0389594	0.00097	
MER 3.17 0389696	0.00465	
MER 3.18 0389794	0.00254	
MER 3.18 0389892	0.00137	
MER 3.18 0389993	0.00434	
MER 3.18 0390094	0.00103	
MER 3.18 0390189	0.00086	
MER 3.19 0390295	0.00323	
MER 3.19 0390394	0.00253	
MER 3.19 0390498	0.00387	
MER 3.19 0390594	0.00188	
MER 3.20 0390697	0.00205	
MER 5.07 5051	0.00521	
MER 5.07 5150	0.00182	
MER 5.07 5259	0.00329	
MER 5.08 5354	0.00058	
MER 5.08 5451	0.00243	
MER 5.08 5550	0.00702	
MER 5.08 5651	0.00058	
MER 5.09 5752	0.00255	
MER 5.09 5850	0.00298	
MER 5.09 5950	0.00087	
MER 5.09 6050	0.00150	
MER 5.09 6151	0.00209	
MER 5.10 6351	0.00182	
MER 5.10 6451	0.00186	
MER 5.10 6550	0.00171	

Certified By: Ron Cardinall

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Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
MER 5.11 6651	0.00143	
MER 5.11 6750	0.00096	
MER 5.11 6850	0.00106	
MER 5.11 6951	0.00090	
MER 5.11 7049	0.00170	
MER 5.12 7151	0.00124	
MER 5.12 7250	0.00076	
MER 5.12 7350	0.00064	
MER 5.12 7450	0.00046	
1-06	0.00042	
1-06 + 100	0.00178	
1-06 + 200	0.00135	
1-06 + 300	0.00315	
1-06 + 400	0.00221	
1-07	0.00232	
1-07 + 50 4902	0.00190	
1-07 LOC.5002	0.00186	
1-07 + 5101	0.00181	
1-07 + 5200	0.00272	
1-07 + 5300	0.00236	
1-07 + 5401	0.00136	
1-07 + 5501	0.00032	
1-07 + 5600	0.00056	
1-07 + 5701	0.00058	
1-07 + 5803	0.00094	
1-08	0.00110	
1-08 5903	0.00214	
1-09	0.00159	
1-09 + 100 5871	0.00077	
1-09 + 0.13 5987	0.00092	
1-09 + 6110	0.00107	
1-10 6199	0.00084	

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
1-11	0.00104	
1-11 TO STATION 108	nss	
1-11 + 6801	0.00279	
1-11 + 6936	0.00236	
1-11 + 7021	0.00108	
1-12	0.00009	
1-13	0.00106	
1-13 + 50	0.00010	
1-13 + 150	0.00158	
1-13 + 251	0.00108	
1-13 + 349	0.00162	
1-14 + 99	<0.00005	
1-14 + 197	0.00051	
1-14 + 297	0.00065	
1-14 + 400	0.00066	
1-15 + 00	0.00023	
1-15 + 51	0.00160	
1-15 + 149	0.00145	
1-15 + 248	0.00082	
1-15 + 349	0.00095	
1-16 + 00	0.00147	
1-16 + 400	0.00167	
1-17 + 50	0.00122	
1-17 + 100	0.00139	
1-17 + 149	0.00104	
1-17 + 198	0.00312	
1-17 + 248	0.00141	
1-17 + 302	0.00300	
1-17 + 348	<0.00005	
1-18 + 49	<0.00005	
1-18 + 149	0.00027	
1-18 + 251	0.00043	

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
1-18 + 298	0.00264	
1-18 + 398	0.00079	
1-19 + 101	0.00079	
1-19 + 200	0.00107	
1-19 + 300	0.00160	
1-19 + 399	0.00040	
1-20 + 00	0.00076	
1-20 + 51	0.00136	
1-20 + 149	0.00121	
1-20 + 250	0.00071	
1-20 + 348	0.00080	
1-21 + 99	0.00159	
1-21 + 200	0.00127	
1-21 + 300	0.00728	
1-21 + 403	0.00446	
1-22 + 00	0.00040	
1-22 + 49	0.00033	
1-22 + 146	0.00009	
1-22 + 250	0.00081	
1-22 + 350	0.00107	
1-23 + 100	0.00199	
1-23 + 199	0.00207	
1-23 + 299	0.00083	
1-23 + 349	0.00073	
1-23 + 400	0.00089	
1-24 + 00	<0.00005	
1-24 + 99	0.00123	
1-24 + 249	0.00158	
1-24 + 388	0.00095	
1-25 + 00	0.00245	
1-25 + 48	0.00170	
1-25 + 149	0.00026	

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Au	Au-check
Unit:	ppm	ppm
Sample Description RDL:	0.00005	0.00005
1-25 + 251	0.00033	
1-25 + 345	0.00090	
1-26 + 97	0.00029	
1-26 + 199	0.00074	
1-26 + 298	0.00073	
1-26 + 401	0.00005	
1-27 + 00	0.00057	
1-27 + 302	<0.00005	
1-27 + 348	0.00036	

Comments: RDL - Reported Detection Limit
Aug. 15, 2011 - Corrected copy

Certified By: Ron Cardinall

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
BM-002	0.23	<0.2	1.96	12	<5	114	0.7	<1	0.15	<0.5	110	21.9	43.2	39.1
BM-003	0.31	<0.2	2.69	13	<5	52	<0.5	<1	0.14	<0.5	81	18.7	68.4	47.3
105G11-001	0.11	0.3	1.81	10	<5	364	1.4	<1	0.78	<0.5	52	5.5	23.1	19.7
105G11-002	0.24	0.3	1.30	9	<5	212	2.6	<1	0.37	<0.5	74	4.7	17.2	20.2
105G11-003	0.26	<0.2	1.53	9	<5	200	2.4	<1	0.28	<0.5	70	3.6	16.4	18.7
105G11-100	0.29	<0.2	1.60	8	<5	277	<0.5	<1	1.51	<0.5	33	13.5	52.8	86.2
105G11-101	0.14	<0.2	1.68	4	7	413	<0.5	<1	2.44	<0.5	37	12.2	78.5	128
105G11-102	0.13	<0.2	2.18	6	<5	615	<0.5	<1	1.78	<0.5	31	13.0	86.8	122
105G11-103	0.19	<0.2	1.73	3	12	445	<0.5	<1	3.30	<0.5	55	29.7	111	158
JB-001	0.36	<0.2	1.36	8	<5	126	2.1	<1	0.26	<0.5	62	4.3	12.3	23.2
JB-002	0.37	<0.2	1.35	6	<5	178	2.7	<1	0.25	<0.5	65	1.7	6.1	9.3
JB-003	0.19	<0.2	1.90	18	<5	95	1.0	<1	0.23	<0.5	52	13.4	35.1	18.0
JB-004	0.14	<0.2	2.07	14	<5	78	0.8	<1	0.13	<0.5	57	8.3	37.9	16.4
JB-005	0.10	0.4	1.37	7	<5	104	<0.5	<1	0.10	<0.5	72	11.9	23.6	56.7
JB-006	0.28	<0.2	2.11	5	<5	40	<0.5	<1	0.13	<0.5	108	14.7	32.4	49.5
JB-007	0.38	<0.2	1.97	5	<5	37	<0.5	<1	0.09	<0.5	113	16.6	28.9	42.3
JB-008	0.23	<0.2	1.43	6	<5	33	<0.5	<1	0.17	<0.5	85	8.0	26.4	42.5
JB-009	0.18	0.3	1.28	5	17	154	<0.5	<1	1.17	1.1	27	7.6	36.4	43.8
JB-010	0.17	<0.2	0.21	<1	<5	16	<0.5	<1	0.05	<0.5	3	1.0	6.7	2.9
JB-011	0.22	<0.2	0.91	34	<5	44	<0.5	<1	0.07	<0.5	35	5.1	22.3	21.6
JB-012	0.16	0.3	0.47	2	<5	25	<0.5	<1	0.06	<0.5	9	1.9	16.9	6.4
KL 023	0.12	<0.2	2.65	14	<5	117	1.2	<1	0.31	<0.5	77	17.3	52.5	46.5
KL 024	0.05	0.3	0.42	2	<5	39	<0.5	<1	0.08	<0.5	11	0.8	3.1	7.9
KL 025	0.07	0.2	0.64	2	<5	41	<0.5	<1	0.15	<0.5	16	1.2	3.6	6.8
KL 030	0.07	<0.2	0.30	<1	<5	16	<0.5	<1	0.04	<0.5	7	1.2	3.2	5.3
KL 031	0.06	0.2	0.32	1	<5	31	<0.5	<1	0.12	<0.5	6	0.6	1.8	4.7
KL 032	0.05	0.4	0.77	4	<5	55	0.6	<1	0.10	<0.5	18	2.1	7.9	9.9
KL035	0.10	<0.2	0.27	<1	<5	25	<0.5	<1	0.11	<0.5	5	0.9	2.2	3.2
KL 036	0.04	<0.2	0.10	<1	<5	8	<0.5	<1	0.04	<0.5	4	<0.5	1.1	3.3
KL 037	0.14	<0.2	1.05	11	<5	57	<0.5	<1	0.08	<0.5	53	2.9	16.5	12.8
KL 038	0.09	<0.2	0.28	<1	<5	11	<0.5	<1	0.05	<0.5	3	<0.5	1.9	3.8
KL 039	0.06	<0.2	0.17	<1	<5	11	<0.5	<1	0.04	<0.5	2	0.5	1.2	5.1

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
KL 040	0.08	<0.2	0.49	3	<5	45	<0.5	<1	0.05	<0.5	9	1.1	5.5	7.3
KL 041	0.06	<0.2	0.11	<1	<5	9	<0.5	<1	0.04	<0.5	2	0.5	1.2	1.2
KL 042	0.07	<0.2	1.33	6	<5	131	1.1	<1	0.18	<0.5	39	4.0	16.3	12.7
KL 043	0.10	<0.2	1.21	8	<5	395	0.9	<1	0.46	<0.5	47	2.8	15.9	13.9
KL 044	0.10	<0.2	0.66	3	<5	69	<0.5	<1	0.05	<0.5	53	0.7	7.9	3.4
KL 045	0.11	0.2	0.82	4	<5	178	<0.5	<1	0.11	<0.5	9	1.8	13.7	12.4
KL 047	0.10	0.4	0.62	2	<5	80	<0.5	<1	0.11	<0.5	13	1.2	7.2	5.6
KL 048	0.10	<0.2	0.24	<1	<5	16	<0.5	<1	0.07	<0.5	2	<0.5	1.4	1.8
KL 049	0.10	<0.2	0.22	<1	<5	23	<0.5	<1	0.07	<0.5	4	0.5	2.0	1.7
KL 050	0.20	<0.2	1.86	11	<5	160	1.4	<1	0.38	<0.5	73	10.7	38.2	17.9
KL 051	0.15	<0.2	1.78	32	<5	393	0.5	<1	0.29	<0.5	35	3.9	28.4	17.7
KL 052	0.10	<0.2	1.23	11	<5	238	<0.5	<1	0.38	<0.5	45	7.8	42.8	22.9
KL 053	0.04	<0.2	0.36	<1	<5	46	<0.5	<1	0.11	<0.5	9	0.7	3.5	2.2
KL 054	0.07	<0.2	0.56	4	<5	75	<0.5	<1	0.10	<0.5	37	1.2	9.9	4.7
KL 055	0.16	<0.2	1.52	14	<5	207	0.7	<1	0.36	<0.5	42	12.0	32.2	20.7
KL 057	0.14	<0.2	1.09	9	<5	103	0.6	<1	0.25	<0.5	57	3.6	21.3	8.8
KL 058	0.17	<0.2	1.42	10	<5	154	1.0	<1	0.32	<0.5	62	5.4	28.3	12.9
KL 059	0.12	<0.2	1.60	20	<5	74	0.6	<1	0.11	<0.5	41	5.0	29.4	11.6
KL 060	0.11	<0.2	1.28	8	<5	168	0.7	<1	0.15	<0.5	45	3.5	21.7	10.4
KL 061	0.07	<0.2	2.97	19	<5	237	0.9	<1	0.37	<0.5	92	20.1	59.1	36.1
KL 062	0.05	0.5	4.16	26	20	399	2.7	<1	0.55	<0.5	100	16.7	73.5	68.5
KL 063	0.04	1.4	4.51	29	5	501	3.2	<1	0.55	<0.5	127	13.8	72.2	94.0
KL 064	0.05	0.3	4.15	26	6	402	2.7	<1	0.49	<0.5	99	17.5	77.5	68.3
KL 065	0.03	1.2	4.03	27	<5	445	2.9	<1	0.52	<0.5	121	31.3	68.4	84.1
KL 066	0.06	1.3	4.09	27	<5	470	3.1	<1	0.64	<0.5	152	16.7	63.8	86.1
KL 067	0.06	0.6	3.88	25	5	399	2.7	<1	0.53	<0.5	104	16.5	70.4	70.5
KL 068	0.06	0.7	3.91	25	5	396	2.7	<1	0.51	<0.5	100	15.6	69.8	72.5
KL 069	0.08	<0.2	2.17	12	<5	130	<0.5	<1	0.23	<0.5	72	15.2	46.3	20.2
KL 070	0.10	<0.2	2.96	16	<5	211	0.8	<1	0.39	<0.5	98	24.4	63.3	36.0
KL 071	0.14	<0.2	2.91	18	<5	201	0.9	<1	0.38	<0.5	95	26.0	67.4	36.7
KL 072	0.09	<0.2	2.57	14	<5	183	0.7	<1	0.34	<0.5	84	20.7	55.1	31.7
KL 073	0.11	<0.2	2.81	15	<5	183	0.7	<1	0.45	<0.5	85	16.7	61.7	33.7

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
KL 074	0.08	<0.2	2.52	10	<5	261	0.5	<1	0.78	<0.5	62	13.2	54.0	25.3
KL 075	0.12	<0.2	2.69	16	<5	187	0.7	<1	0.40	<0.5	83	22.9	62.5	32.9
KL 076	0.07	<0.2	2.19	10	<5	230	0.5	<1	0.70	<0.5	58	18.1	47.6	25.1
KL 077	0.08	<0.2	2.27	11	<5	252	0.5	<1	0.69	<0.5	60	18.0	50.4	25.4
KL 078	0.09	<0.2	2.35	10	<5	250	0.5	<1	0.69	<0.5	59	17.9	50.2	23.6
KL 079	0.09	<0.2	2.47	11	<5	255	0.6	<1	0.71	<0.5	63	17.0	54.0	25.0
KL 080	0.07	<0.2	2.29	10	<5	247	0.6	<1	0.74	<0.5	60	19.7	49.1	26.0
KL 081	0.08	<0.2	2.32	11	<5	253	0.5	<1	0.70	<0.5	61	18.0	50.7	25.2
KL 082	0.06	<0.2	2.19	10	<5	236	0.5	<1	0.68	<0.5	58	19.6	46.1	24.8
KL 083	0.08	<0.2	2.37	10	<5	244	0.5	<1	0.69	<0.5	59	17.6	50.4	23.8
KL 084	0.05	<0.2	2.59	10	<5	283	0.6	<1	0.83	<0.5	65	16.5	54.5	27.2
KL 085	0.09	<0.2	0.77	5	<5	67	<0.5	<1	0.36	<0.5	25	4.0	18.4	8.4
KL 086	0.11	<0.2	0.56	4	<5	51	<0.5	<1	0.29	<0.5	16	2.8	12.7	6.6
KL 087	0.05	<0.2	0.58	3	<5	56	<0.5	<1	0.28	<0.5	16	2.4	12.1	7.0
KL 088	0.12	<0.2	0.68	4	<5	61	<0.5	<1	0.32	<0.5	20	3.6	16.2	8.5
KL 089	0.12	<0.2	0.57	4	<5	51	<0.5	<1	0.26	<0.5	18	2.9	12.9	6.3
KL 090	0.07	<0.2	0.89	6	<5	74	<0.5	<1	0.33	<0.5	30	4.9	23.4	10.2
KL 091	0.08	<0.2	0.56	3	<5	50	<0.5	<1	0.25	<0.5	16	2.6	12.3	6.8
KL 092	0.10	<0.2	0.68	5	<5	59	<0.5	<1	0.29	<0.5	21	3.4	16.4	7.4
KL 097	0.19	<0.2	1.60	38	<5	113	<0.5	<1	0.37	<0.5	71	14.9	54.3	35.6
KL 098	0.09	<0.2	1.44	7	<5	359	<0.5	<1	0.74	<0.5	28	6.0	86.2	50.8
KL 099	0.13	<0.2	2.43	7	<5	671	<0.5	<1	1.46	<0.5	32	27.5	320	144
KL 100	0.11	<0.2	1.01	13	<5	55	<0.5	<1	0.13	<0.5	25	3.0	23.2	9.2
KL 101	0.15	<0.2	1.08	7	<5	70	<0.5	<1	0.25	<0.5	21	3.6	25.1	14.5
KL 103	0.16	<0.2	1.65	8	<5	162	<0.5	<1	1.18	<0.5	52	12.5	50.9	56.7
KL 105	0.17	<0.2	0.85	5	<5	39	<0.5	<1	0.63	<0.5	15	3.8	20.3	31.7
KL 106	0.16	<0.2	1.63	15	<5	125	<0.5	<1	0.52	<0.5	33	7.6	56.6	32.0
KL 107	0.13	<0.2	1.11	6	<5	189	<0.5	<1	0.35	<0.5	27	5.8	60.0	33.7
KL 108	0.12	<0.2	1.78	10	<5	314	0.5	<1	1.45	<0.5	48	14.4	72.6	80.5
KL 109	0.12	0.4	2.61	12	<5	582	0.8	<1	0.64	<0.5	75	19.9	71.5	72.4
KL 110	0.16	<0.2	1.16	7	<5	222	<0.5	<1	0.62	<0.5	24	12.2	77.5	43.3
KL 111	0.08	<0.2	0.52	3	<5	175	<0.5	<1	0.62	<0.5	12	6.7	13.1	60.1

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
KL 112	0.08	<0.2	2.58	6	<5	740	<0.5	<1	2.23	<0.5	33	18.3	147	248
KL 113	0.10	<0.2	0.47	3	<5	78	<0.5	<1	0.19	<0.5	6	4.0	18.8	19.5
KL 114	0.14	<0.2	1.52	11	<5	298	<0.5	<1	1.28	<0.5	30	7.1	66.1	58.3
KL 115	0.11	<0.2	1.81	16	<5	409	<0.5	<1	1.34	<0.5	35	12.5	88.6	189
KL 116	0.11	<0.2	1.08	10	<5	129	<0.5	<1	0.28	<0.5	18	4.5	25.0	24.1
KL 117	0.08	<0.2	0.16	<1	<5	18	<0.5	<1	0.06	<0.5	2	0.6	6.6	4.6
KL 118	0.11	<0.2	0.18	<1	<5	80	<0.5	<1	0.14	<0.5	1	0.5	1.4	10.4
KL 119	0.10	0.4	2.19	20	<5	668	0.7	<1	1.54	<0.5	48	12.9	44.9	37.8
KL 120	0.10	<0.2	0.87	3	<5	134	<0.5	<1	0.37	<0.5	6	6.4	58.5	29.4
KL 122	0.13	<0.2	0.57	2	<5	331	<0.5	<1	0.59	<0.5	8	30.3	17.4	101
KL 123	0.19	<0.2	2.37	4	<5	720	<0.5	<1	2.59	<0.5	33	13.2	60.1	237
KL 124	0.20	<0.2	1.53	8	<5	325	<0.5	<1	1.19	<0.5	38	13.5	49.6	59.6
KL 125	0.17	<0.2	1.88	9	<5	341	<0.5	<1	1.28	<0.5	40	13.4	64.8	105
KL 126	0.11	<0.2	1.50	6	<5	169	<0.5	<1	1.54	<0.5	30	11.8	52.6	65.5
KL 127	0.13	<0.2	2.23	7	<5	510	<0.5	<1	1.71	<0.5	37	14.6	84.2	169
KL 128	0.24	<0.2	1.25	14	<5	94	<0.5	<1	0.39	<0.5	32	4.7	31.5	11.9
KL 129	0.07	<0.2	1.38	9	<5	513	<0.5	<1	1.01	<0.5	30	16.3	52.5	91.8
KL 130	0.08	<0.2	0.55	6	<5	2210	<0.5	<1	2.76	<0.5	49	6.7	6.3	173
KL 131	0.18	<0.2	0.83	4	<5	166	<0.5	<1	0.33	<0.5	10	4.2	45.3	43.1
KL 132	0.18	<0.2	1.41	19	<5	150	<0.5	<1	0.22	<0.5	36	3.9	29.5	12.5
KL 133	0.19	<0.2	0.96	9	<5	130	<0.5	<1	0.13	<0.5	33	2.3	18.7	9.6
KL 135	0.11	<0.2	2.08	6	5	223	<0.5	<1	2.05	<0.5	35	8.5	41.3	135
PE 209 + 0.10	0.39	<0.2	2.87	3	<5	203	<0.5	<1	1.13	<0.5	16	24.1	21.7	29.1
PE 209 + 0.20	0.19	0.2	1.88	33	6	261	0.6	<1	1.13	<0.5	53	16.9	50.4	54.3
PE 210	0.21	<0.2	3.44	11	<5	176	<0.5	<1	1.77	<0.5	35	9.3	2.9	12.8
PE 210 + 0.10	0.21	<0.2	1.65	9	<5	100	<0.5	<1	0.56	<0.5	30	15.6	28.3	15.9
PE 210 + 0.20	0.21	<0.2	2.34	23	<5	50	<0.5	<1	0.14	<0.5	38	14.5	48.1	25.3
PE 210 + .303	0.25	<0.2	2.14	6	<5	116	<0.5	<1	0.30	<0.5	44	9.2	38.5	11.9
PE 210 + 1.00	0.45	<0.2	2.64	13	5	128	0.6	<1	0.29	<0.5	74	25.6	67.2	37.6
PE 211	0.28	<0.2	2.29	18	<5	129	0.5	<1	0.45	<0.5	83	23.2	55.7	39.6
PE 211 + 0.10	0.33	<0.2	1.65	16	6	82	<0.5	<1	0.24	<0.5	48	17.3	36.0	22.5
PE 211 + 0.20	0.05	<0.2	0.83	8	325	154	<0.5	<1	2.35	0.6	21	3.6	19.2	33.0

Certified By: Ron Cardinall

Results relate only to the items tested

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CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
PE 211 + 292	0.20	<0.2	0.74	3	56	50	<0.5	<1	1.02	<0.5	7	0.5	2.7	17.5
PE 212	0.14	<0.2	0.23	<1	<5	50	<0.5	<1	0.23	<0.5	4	1.0	1.0	2.8
PE 212 + 0.10	0.31	<0.2	2.04	16	<5	192	0.7	<1	0.69	<0.5	53	17.9	38.4	22.9
PE 212 + 110	0.16	0.3	2.66	8	<5	497	0.8	<1	1.47	<0.5	67	8.7	46.4	31.1
PE 212 + 299	0.25	<0.2	1.67	25	<5	150	0.5	<1	0.63	<0.5	60	9.0	37.6	22.7
PE 212 + 495	0.37	<0.2	1.96	13	<5	165	0.7	<1	0.55	<0.5	72	16.0	47.4	38.1
PE 213	0.31	<0.2	1.54	17	<5	132	0.6	<1	0.38	<0.5	65	14.1	39.1	24.9
PE 213 + 100	0.32	<0.2	1.43	12	<5	163	<0.5	<1	0.80	<0.5	35	8.1	27.9	9.9
PE 213 + 305	0.34	<0.2	1.45	10	<5	166	0.6	<1	0.39	<0.5	49	7.2	30.4	14.3
PE 214	0.22	<0.2	1.88	8	<5	244	0.7	<1	1.15	<0.5	44	8.8	38.8	15.8
PE CRK. SMAWK 5M@214	0.18	<0.2	1.77	8	<5	273	0.7	<1	0.92	<0.5	53	8.1	39.1	19.1
PE 215	0.32	<0.2	3.40	10	<5	149	1.1	<1	1.27	<0.5	83	14.9	64.5	38.7
PE 216	0.23	<0.2	2.40	10	<5	112	1.0	<1	2.24	<0.5	61	13.0	42.6	41.8
PE 217	0.21	<0.2	0.81	6	<5	73	<0.5	<1	0.39	<0.5	44	1.8	12.4	7.3
PE 218	0.21	<0.2	0.91	7	<5	41	<0.5	<1	0.06	<0.5	44	1.7	10.1	5.3
PE 219	0.24	<0.2	1.76	9	<5	131	1.3	<1	0.22	<0.5	45	7.2	40.5	34.6
PE 220	0.23	<0.2	2.22	31	<5	150	2.2	<1	0.12	<0.5	48	7.0	42.3	35.2
MER 1.27 4000	0.11	<0.2	1.86	22	<5	577	<0.5	<1	0.95	<0.5	48	39.8	97.1	234
MER 1.27 4108	0.11	<0.2	1.65	10	<5	429	<0.5	<1	1.06	<0.5	35	19.0	72.1	101
MER 1.28 4209	0.12	<0.2	1.00	7	<5	93	<0.5	<1	0.45	<0.5	31	3.6	33.5	19.0
MER 1.28 4307	0.07	<0.2	1.55	5	<5	366	<0.5	<1	1.08	<0.5	24	16.7	93.8	112
MER 1.28 4405	0.11	0.2	0.56	4	<5	119	<0.5	<1	0.36	<0.5	12	4.4	14.3	25.2
MER 1.28 4502	0.12	<0.2	1.42	17	<5	64	<0.5	<1	0.22	<0.5	31	5.4	26.4	12.7
MER 1.28 4600	0.12	<0.2	0.92	11	<5	44	<0.5	<1	0.12	<0.5	28	2.4	15.9	4.0
MER 1.28 4706	0.12	<0.2	2.09	34	<5	101	<0.5	<1	0.22	<0.5	37	8.2	46.2	23.3
MER 1.29 4801	0.08	<0.2	0.18	<1	<5	17	<0.5	<1	0.05	<0.5	<1	<0.5	1.0	4.1
MER 1.29 4900	0.08	<0.2	0.79	11	<5	71	<0.5	<1	0.25	<0.5	21	3.2	21.7	16.7
MER 1.29 5100	0.06	0.4	0.28	2	<5	61	<0.5	<1	0.31	<0.5	5	0.7	3.9	7.6
MER 1.30 5200	0.05	<0.2	1.01	21	<5	107	<0.5	<1	0.24	<0.5	26	4.7	32.3	21.0
MER 1.30 5300	0.04	<0.2	0.41	13	<5	167	<0.5	<1	2.78	<0.5	13	2.6	10.1	17.3
MER 1.30 5400	0.04	<0.2	0.39	5	<5	111	<0.5	<1	1.48	<0.5	7	1.0	4.0	16.0
MER 1.30 5500	0.10	<0.2	1.73	20	<5	175	<0.5	<1	0.62	<0.5	48	8.4	45.1	22.4

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Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
MER 1.30 5600	0.08	<0.2	0.69	4	<5	69	<0.5	<1	0.11	<0.5	10	2.1	17.2	7.1
MER 1.31 5700	0.06	<0.2	1.41	9	<5	197	<0.5	<1	0.56	<0.5	21	6.3	34.5	16.8
MER 1.31 5801	0.09	<0.2	0.92	9	<5	312	<0.5	<1	1.93	<0.5	17	5.2	16.9	37.3
MER 1.31 5900	0.12	<0.2	0.85	9	<5	278	<0.5	<1	0.73	<0.5	19	4.5	19.1	21.8
MER 1.31 6000	0.09	<0.2	0.19	<1	<5	30	<0.5	<1	0.16	<0.5	3	<0.5	1.3	3.7
MER 1.32 6100	0.05	<0.2	0.75	5	<5	163	<0.5	<1	1.28	<0.5	24	2.8	6.8	9.6
MER 1.32 6200	0.09	<0.2	1.46	15	<5	502	1.0	<1	3.12	0.9	64	6.9	16.5	45.7
MER 1.32 6300	0.03	<0.2	0.07	4	<5	234	<0.5	<1	3.21	0.6	2	<0.5	0.7	18.7
MER 1.32 6400	0.05	<0.2	0.44	4	<5	170	<0.5	<1	1.93	<0.5	8	1.9	2.8	24.5
MER 1.32 6500	0.10	<0.2	0.45	13	6	389	<0.5	<1	4.37	1.1	11	4.8	7.4	189
MER 1.33 6600	0.06	<0.2	0.35	6	<5	247	<0.5	<1	4.83	<0.5	6	1.4	4.5	121
MER 1.33 6700	0.07	<0.2	0.47	5	<5	156	<0.5	<1	2.17	<0.5	11	0.6	2.0	46.4
MER 1.33 6800	0.06	<0.2	0.31	21	9	463	<0.5	<1	4.90	0.6	7	4.5	3.4	40.1
MER 1.33 6901	0.05	<0.2	0.80	32	<5	233	0.5	<1	2.54	0.8	34	4.3	10.0	121
MER 3.01 2506	0.03	<0.2	0.57	5	<5	185	<0.5	<1	3.27	<0.5	6	0.9	1.6	14.7
MER 3.02 2606	0.05	<0.2	0.42	4	<5	127	<0.5	<1	4.28	<0.5	6	0.8	1.5	19.5
MER 3.02 2703	0.02	<0.2	0.24	5	<5	192	<0.5	<1	5.05	<0.5	5	0.9	2.0	28.1
MER 3.02 2807	0.10	<0.2	0.40	2	<5	73	<0.5	<1	1.13	<0.5	5	0.9	1.4	9.2
MER 3.02 2903	0.09	<0.2	1.66	9	<5	179	<0.5	<1	1.16	<0.5	40	9.1	38.5	31.7
MER 3.02 3003	0.07	<0.2	1.91	9	<5	242	<0.5	<1	0.81	<0.5	39	10.3	41.9	30.0
MER 3.03 3104	0.07	<0.2	0.41	2	<5	63	<0.5	<1	0.46	<0.5	7	0.6	1.7	6.1
MER 3.03 3205	0.08	<0.2	1.28	5	<5	282	<0.5	<1	0.12	<0.5	48	7.5	34.2	17.0
MER 3.03 3305	0.14	<0.2	1.65	12	<5	158	<0.5	<1	0.08	<0.5	44	14.7	47.5	20.3
MER 3.03 3404	0.08	<0.2	1.49	10	<5	117	<0.5	<1	0.14	<0.5	46	8.4	37.3	17.8
MER 3.04 3505	0.11	<0.2	3.14	8	9	221	0.6	<1	6.93	<0.5	47	50.2	39.4	111
MER 3.04 3603	0.06	<0.2	3.80	7	<5	128	0.6	<1	2.89	<0.5	47	14.1	54.8	36.2
MER 3.04 3704	0.06	<0.2	1.00	3	<5	50	<0.5	<1	0.64	<0.5	16	4.0	12.8	8.3
MER 3.04 3805	0.10	<0.2	5.58	12	6	94	1.9	<1	1.73	<0.5	103	26.6	64.9	34.0
MER 3.04 3905	0.07	<0.2	3.79	13	<5	107	0.7	<1	1.72	<0.5	76	13.7	60.2	40.1
MER 3.05 4004	0.04	<0.2	1.69	21	<5	84	<0.5	<1	0.44	<0.5	37	16.1	41.3	24.5
MER 3.05 4102	0.09	<0.2	1.64	15	<5	87	<0.5	<1	0.36	<0.5	43	18.5	45.3	21.4
MER 3.05 4203	0.04	<0.2	1.62	8	<5	125	<0.5	<1	1.19	<0.5	39	9.1	36.5	22.8

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Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
MER 3.05 4307	0.09	<0.2	0.15	<1	<5	12	<0.5	<1	0.05	<0.5	3	0.6	2.2	1.8
MER 3.06 4406	0.06	<0.2	2.28	14	<5	168	0.5	<1	1.77	<0.5	56	19.3	74.1	61.1
MER 3.06 4504	0.05	0.3	0.66	5	<5	83	<0.5	<1	1.32	<0.5	12	3.3	5.9	14.8
MER 3.06 4604	0.11	<0.2	0.28	1	<5	21	<0.5	<1	0.23	<0.5	4	0.9	3.7	2.9
MER 3.06 4704	0.10	<0.2	3.21	40	<5	143	1.0	<1	0.36	<0.5	100	36.6	56.2	50.0
MER 3.06 4805	0.07	<0.2	0.72	9	<5	61	<0.5	<1	3.25	<0.5	14	3.5	10.6	36.0
MER 3.07 4903	0.06	<0.2	4.36	13	<5	86	1.5	<1	0.60	<0.5	73	21.4	53.6	13.8
MER 3.07 5004	0.06	<0.2	1.02	13	<5	53	<0.5	<1	0.07	<0.5	49	7.8	25.2	18.6
MER 3.07 5199	0.06	0.3	0.55	13	7	62	1.4	<1	5.42	0.6	22	6.9	10.3	217
MER 3.07 5204	0.08	<0.2	1.73	15	<5	170	<0.5	<1	1.05	<0.5	36	16.4	34.1	26.6
MER 3.11 0386894	0.07	<0.2	0.98	10	<5	50	<0.5	<1	0.12	<0.5	38	3.8	23.1	14.2
MER 3.11 0386996	0.05	<0.2	0.53	5	<5	37	0.8	<1	0.92	<0.5	8	1.0	2.0	30.1
MER 3.12 0387093	0.12	<0.2	1.68	11	<5	111	0.6	<1	0.32	<0.5	49	7.6	37.4	16.2
MER 3.12 0387194	0.06	0.8	1.92	17	<5	121	3.7	<1	2.36	0.7	60	3.7	23.2	154
MER 3.12 0387294	0.07	<0.2	0.21	1	<5	25	<0.5	<1	0.06	<0.5	5	0.9	2.9	5.0
MER 3.12 0387395	0.08	1.3	1.53	11	<5	192	1.9	<1	1.22	<0.5	40	3.6	18.8	40.4
MER 3.12 0387496	0.03	<0.2	0.26	9	9	482	0.6	<1	3.36	1.0	9	59.2	<0.5	52.4
MER 3.13 0387596	0.06	<0.2	1.16	5	<5	164	<0.5	<1	0.50	<0.5	32	4.2	24.7	9.4
MER 3.13 0387693	0.07	<0.2	0.31	<1	<5	44	<0.5	<1	0.06	<0.5	6	0.8	4.4	3.5
MER 3.13 0387798	0.12	0.7	1.47	14	<5	116	0.6	<1	0.32	<0.5	66	8.1	35.7	20.2
MER 3.13 0387894	0.04	<0.2	0.14	<1	<5	17	<0.5	<1	0.04	<0.5	1	0.6	1.3	1.6
MER 3.13 0387995	0.04	1.4	0.80	8	<5	167	1.1	<1	0.29	<0.5	35	2.2	12.1	18.6
MER 3.13 0388095	0.11	<0.2	1.89	14	<5	96	0.7	<1	0.20	<0.5	51	7.8	39.0	15.3
MER 3.14 0388193	0.04	<0.2	3.48	15	<5	1350	3.1	<1	0.90	2.5	200	278	17.2	29.0
MER 3.14 0388291	0.13	<0.2	0.35	2	<5	23	<0.5	<1	0.28	<0.5	2	0.6	<0.5	3.3
MER 3.14 0388393	0.04	<0.2	1.50	11	<5	129	0.8	<1	2.98	<0.5	41	7.4	28.2	31.7
MER 3.15 0388495	0.08	<0.2	2.52	14	<5	152	1.2	<1	2.03	<0.5	53	9.7	40.4	38.6
MER 3.15 0388592	0.11	<0.2	3.53	13	<5	146	1.9	<1	1.20	<0.5	86	13.7	68.2	59.9
MER 3.15 0388696	0.06	1.0	2.57	21	6	176	8.1	8	2.54	<0.5	83	9.1	41.6	168
MER 3.15 0388793	0.12	<0.2	2.59	19	<5	177	5.9	3	0.75	<0.5	97	22.1	42.0	77.6
MER 3.15 0388895	0.03	1.5	1.70	13	<5	224	7.1	<1	1.07	<0.5	144	4.8	12.5	23.5
MER 3.16 0388996	0.10	<0.2	1.47	9	<5	168	3.9	<1	0.44	<0.5	78	4.0	12.5	15.4

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
MER 3.16 0389094	0.05	0.2	0.93	4	<5	51	0.6	2	0.03	<0.5	37	1.4	6.7	5.9
MER 3.16 0389194	0.05	<0.2	0.69	3	<5	48	<0.5	<1	0.07	<0.5	51	1.0	6.1	5.5
MER 3.16 0389295	0.08	<0.2	1.35	11	<5	133	1.3	<1	0.38	<0.5	44	5.6	36.5	18.2
MER 3.17 0389393	0.04	0.8	3.59	15	<5	385	8.4	<1	0.50	<0.5	136	5.4	28.1	36.5
MER 3.17 0389491	0.09	<0.2	1.09	8	<5	63	0.8	<1	0.07	<0.5	40	3.1	15.9	10.9
MER 3.17 0389594	0.06	<0.2	0.99	7	<5	65	0.7	<1	0.10	<0.5	40	3.5	16.4	13.7
MER 3.17 0389696	0.04	1.7	1.41	21	<5	278	9.5	<1	1.32	<0.5	292	2.9	7.5	16.6
MER 3.18 0389794	0.04	0.3	1.81	12	<5	358	4.6	<1	0.53	<0.5	75	4.4	35.3	24.1
MER 3.18 0389892	0.04	<0.2	1.17	7	<5	330	4.4	<1	0.64	<0.5	51	2.1	8.4	16.9
MER 3.18 0389993	0.05	0.5	3.34	8	<5	615	6.5	4	0.57	<0.5	68	2.3	33.7	57.1
MER 3.18 0390094	0.06	<0.2	0.88	6	<5	77	1.2	2	0.05	<0.5	53	1.8	3.6	12.2
MER 3.18 0390189	0.06	<0.2	0.59	6	<5	89	0.9	<1	0.11	<0.5	33	1.7	7.6	15.1
MER 3.19 0390295	0.05	0.7	1.96	21	<5	312	2.8	<1	0.44	<0.5	86	16.0	31.2	80.4
MER 3.19 0390394	0.14	<0.2	1.24	17	<5	160	2.6	<1	0.28	<0.5	77	19.0	21.2	55.2
MER 3.19 0390498	0.07	<0.2	2.13	12	<5	122	2.0	<1	0.11	<0.5	65	36.1	34.5	80.0
MER 3.19 0390594	0.10	<0.2	1.81	12	<5	93	0.8	<1	0.17	<0.5	64	16.5	36.7	44.7
MER 3.20 0390697	0.16	<0.2	2.78	29	<5	271	1.5	<1	0.26	<0.5	176	63.0	169	48.4
MER 5.07 5051	0.10	<0.2	1.48	13	<5	95	0.5	<1	0.46	<0.5	66	18.7	41.3	29.7
MER 5.07 5150	0.05	0.3	0.79	3	<5	94	0.6	<1	0.29	<0.5	12	1.1	7.4	7.4
MER 5.07 5259	0.09	0.4	0.73	3	<5	58	0.9	<1	0.16	<0.5	19	0.6	8.9	12.2
MER 5.08 5354	0.08	<0.2	0.36	2	<5	33	<0.5	<1	0.04	<0.5	12	0.9	6.0	4.0
MER 5.08 5451	0.10	<0.2	0.97	9	<5	114	0.8	<1	0.30	<0.5	66	4.1	17.9	14.1
MER 5.08 5550	0.10	<0.2	0.78	13	<5	90	0.8	<1	0.33	<0.5	58	4.9	19.4	16.0
MER 5.08 5651	0.07	<0.2	0.27	2	<5	41	<0.5	<1	0.22	<0.5	8	0.9	2.5	3.6
MER 5.09 5752	0.09	0.6	1.79	7	<5	231	1.7	<1	0.20	<0.5	58	1.8	16.9	13.2
MER 5.09 5850	0.13	<0.2	2.00	15	<5	169	1.1	<1	0.35	<0.5	68	8.3	35.4	21.2
MER 5.09 5950	0.09	0.2	0.46	1	<5	87	0.5	<1	0.12	<0.5	14	1.0	5.1	9.4
MER 5.09 6050	0.10	<0.2	1.11	8	<5	132	0.9	<1	0.39	<0.5	83	5.8	27.9	17.1
MER 5.09 6151	0.15	<0.2	1.78	28	<5	113	1.1	<1	0.28	<0.5	62	10.2	30.9	17.3
MER 5.10 6351	0.10	<0.2	1.22	15	<5	116	0.8	<1	0.22	<0.5	42	5.3	25.0	14.5
MER 5.10 6451	0.10	<0.2	1.25	15	<5	98	0.8	<1	0.28	<0.5	54	6.6	26.1	17.8
MER 5.10 6550	0.14	<0.2	1.89	18	<5	130	1.0	<1	0.16	<0.5	65	9.2	35.7	20.9

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
MER 5.11 6651	0.09	<0.2	1.96	17	<5	110	1.5	<1	0.25	<0.5	44	9.7	33.1	17.6
MER 5.11 6750	0.08	<0.2	1.64	12	<5	108	1.6	<1	0.27	<0.5	60	8.5	26.9	16.8
MER 5.11 6850	0.10	<0.2	0.96	9	<5	57	<0.5	<1	0.06	<0.5	37	3.0	17.4	9.0
MER 5.11 6951	0.13	<0.2	1.38	8	<5	93	1.5	<1	0.14	<0.5	54	5.2	21.5	10.2
MER 5.11 7049	0.10	<0.2	1.55	14	<5	145	1.4	<1	0.24	<0.5	53	5.2	29.7	14.3
MER 5.12 7151	0.08	0.2	1.39	6	<5	231	1.9	<1	0.45	<0.5	42	2.6	20.6	10.4
MER 5.12 7250	0.07	<0.2	0.76	5	<5	145	0.5	<1	0.27	<0.5	24	2.8	9.4	7.7
MER 5.12 7350	0.08	<0.2	0.28	1	<5	36	<0.5	<1	0.19	<0.5	6	0.7	1.7	4.3
MER 5.12 7450	0.09	<0.2	0.29	1	<5	33	<0.5	<1	0.06	<0.5	9	0.6	3.7	2.7
1-06	0.13	<0.2	1.30	22	5	101	<0.5	<1	0.12	<0.5	53	21.3	74.1	17.4
1-06 + 100	0.33	<0.2	2.14	29	<5	148	<0.5	<1	0.17	<0.5	88	21.4	42.1	28.8
1-06 + 200	0.16	<0.2	1.49	10	<5	183	0.6	<1	0.34	<0.5	42	7.4	27.0	37.3
1-06 + 300	0.25	<0.2	1.30	3	<5	102	<0.5	<1	0.12	<0.5	134	28.1	33.5	70.7
1-06 + 400	0.15	<0.2	2.65	8	<5	187	0.5	<1	0.17	<0.5	147	14.8	40.5	45.9
1-07	0.17	<0.2	1.36	7	<5	89	<0.5	<1	0.16	<0.5	79	7.8	22.0	38.4
1-07 + 50 4902	0.29	<0.2	2.11	7	<5	109	0.5	<1	0.17	<0.5	173	22.5	34.9	61.8
1-07 LOC.5002	0.19	<0.2	1.88	9	<5	107	<0.5	<1	0.14	<0.5	64	12.2	39.8	26.1
1-07 + 5101	0.19	<0.2	2.96	9	<5	213	0.5	<1	0.32	<0.5	114	28.0	90.6	54.7
1-07 + 5200	0.17	<0.2	2.58	9	<5	210	0.5	<1	0.38	<0.5	99	22.1	65.3	59.3
1-07 + 5300	0.11	<0.2	1.37	11	<5	162	<0.5	<1	1.80	<0.5	88	18.9	21.5	55.3
1-07 + 5401	0.16	<0.2	0.89	6	11	124	<0.5	<1	0.85	1.1	74	38.9	35.0	58.5
1-07 + 5501	0.12	<0.2	1.27	8	<5	96	<0.5	<1	2.96	<0.5	36	21.9	89.9	41.4
1-07 + 5600	0.23	<0.2	2.76	11	<5	74	<0.5	<1	0.64	<0.5	93	27.3	107	50.5
1-07 + 5701	0.16	<0.2	0.80	8	<5	86	<0.5	<1	0.94	<0.5	26	11.2	27.0	32.3
1-07 + 5803	0.14	<0.2	1.76	16	<5	154	0.5	<1	1.68	<0.5	42	19.4	39.9	45.4
1-08	0.20	<0.2	1.66	21	<5	220	<0.5	<1	1.49	<0.5	68	56.9	110	113
1-08 5903	0.24	<0.2	2.88	67	<5	68	<0.5	<1	0.32	<0.5	131	42.6	54.9	67.6
1-09	0.17	<0.2	2.61	11	<5	81	<0.5	<1	0.53	<0.5	92	35.0	88.9	71.6
1-09 + 100 5871	0.19	<0.2	2.43	17	<5	108	<0.5	<1	0.40	<0.5	96	25.6	57.9	47.2
1-09 + 0.13 5987	0.30	<0.2	2.12	29	<5	84	<0.5	<1	0.27	<0.5	102	25.1	73.1	45.5
1-09 + 6110	0.20	<0.2	1.53	18	<5	47	<0.5	<1	0.04	<0.5	125	22.4	27.9	49.1
1-10 6199	0.23	<0.2	1.89	13	<5	56	<0.5	<1	0.46	<0.5	77	25.7	52.6	40.9

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
1-11	0.32	0.2	2.18	14	<5	84	<0.5	<1	0.56	<0.5	69	29.1	71.1	44.7
1-11 TO STATION 108	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss
1-11 + 6801	0.19	<0.2	2.11	12	<5	72	<0.5	<1	0.61	<0.5	58	24.4	61.2	34.0
1-11 + 6936	0.19	<0.2	2.75	20	<5	120	0.6	<1	0.94	<0.5	86	40.1	82.1	60.3
1-11 + 7021	0.22	<0.2	2.43	14	<5	118	<0.5	<1	0.47	<0.5	88	22.9	69.1	51.1
1-12	0.12	<0.2	0.33	1	<5	15	<0.5	<1	0.22	<0.5	6	0.8	1.1	4.4
1-13	0.26	<0.2	2.33	18	<5	102	<0.5	<1	0.41	<0.5	75	20.2	58.7	37.6
1-13 + 50	0.10	<0.2	0.77	11	<5	59	<0.5	<1	0.12	<0.5	25	6.0	17.4	7.4
1-13 + 150	0.20	<0.2	2.36	19	<5	184	0.6	<1	0.37	<0.5	92	23.0	64.4	44.3
1-13 + 251	0.20	<0.2	2.28	21	<5	110	0.5	<1	0.32	<0.5	82	19.8	59.9	39.4
1-13 + 349	0.16	<0.2	2.34	23	<5	82	<0.5	<1	0.31	<0.5	72	19.3	61.5	34.7
1-14 + 99	0.08	<0.2	0.59	8	<5	51	<0.5	<1	0.06	<0.5	17	1.8	12.4	4.5
1-14 + 197	0.18	<0.2	1.71	14	<5	65	<0.5	<1	0.30	<0.5	50	8.7	52.2	14.8
1-14 + 297	0.13	<0.2	2.02	21	<5	98	<0.5	<1	0.38	<0.5	65	15.2	54.1	23.2
1-14 + 400	0.07	<0.2	2.04	21	<5	137	<0.5	<1	0.27	<0.5	57	17.0	48.6	26.2
1-15 + 00	0.18	<0.2	1.06	12	<5	63	<0.5	<1	0.36	<0.5	39	5.8	29.2	11.9
1-15 + 51	0.17	<0.2	1.27	57	<5	175	<0.5	<1	0.57	<0.5	60	19.2	41.1	29.2
1-15 + 149	0.11	<0.2	0.13	176	34	693	<0.5	<1	1.89	<0.5	50	9.2	<0.5	18.5
1-15 + 248	0.21	<0.2	1.74	16	<5	107	<0.5	<1	0.49	<0.5	58	17.9	43.0	25.6
1-15 + 349	0.17	<0.2	2.00	19	<5	124	<0.5	<1	0.54	<0.5	62	17.9	50.6	16.7
1-16 + 00	0.22	<0.2	1.98	24	<5	291	0.8	<1	0.50	<0.5	47	9.3	50.0	32.6
1-16 + 400	0.09	<0.2	1.19	49	<5	279	2.0	1	1.06	2.8	30	13.9	19.1	52.8
1-17 + 50	0.20	<0.2	2.60	12	<5	151	1.8	<1	0.38	<0.5	57	14.1	51.1	32.6
1-17 + 100	0.15	0.2	2.11	13	<5	242	1.1	<1	0.37	<0.5	64	19.2	38.7	22.4
1-17 + 149	0.21	<0.2	1.53	12	<5	95	0.7	<1	0.29	<0.5	42	6.8	33.7	16.7
1-17 + 198	0.09	<0.2	2.75	21	<5	444	1.5	<1	0.98	1.0	82	28.6	43.4	36.3
1-17 + 248	0.15	<0.2	2.29	17	<5	253	1.4	<1	0.70	<0.5	67	20.7	32.0	24.4
1-17 + 302	0.07	<0.2	1.31	88	7	582	0.9	<1	1.58	<0.5	54	11.0	19.8	30.0
1-17 + 348	0.13	<0.2	0.21	<1	<5	21	<0.5	<1	0.04	<0.5	8	<0.5	2.8	3.7
1-18 + 49	0.14	<0.2	0.80	15	<5	38	<0.5	<1	0.10	<0.5	41	4.4	26.1	16.9
1-18 + 149	0.08	<0.2	0.68	3	<5	80	1.0	<1	0.07	<0.5	26	1.9	7.9	11.4
1-18 + 251	0.19	<0.2	1.52	12	<5	108	0.9	1	0.35	<0.5	44	3.7	25.1	10.7

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
1-18 + 298	0.19	0.3	3.89	31	<5	398	8.8	<1	0.93	<0.5	95	9.6	54.4	52.1
1-18 + 398	0.16	<0.2	2.01	13	<5	184	1.9	<1	0.27	<0.5	44	8.3	38.1	28.2
1-19 + 101	0.21	<0.2	2.05	31	<5	88	1.4	<1	0.23	<0.5	44	8.5	38.8	18.3
1-19 + 200	0.19	<0.2	2.34	15	<5	83	1.5	<1	0.29	<0.5	52	9.4	37.8	22.0
1-19 + 300	0.19	<0.2	2.72	15	<5	158	2.0	<1	0.23	<0.5	49	6.8	36.4	13.8
1-19 + 399	0.13	<0.2	1.61	22	<5	67	<0.5	<1	0.12	<0.5	46	4.5	35.4	17.6
1-20 + 00	0.25	<0.2	1.03	15	<5	110	0.6	<1	0.17	<0.5	41	2.8	18.3	10.6
1-20 + 51	0.15	<0.2	1.79	20	<5	82	0.6	<1	0.28	<0.5	62	14.6	58.4	42.6
1-20 + 149	0.22	<0.2	1.66	22	<5	103	0.5	<1	0.35	<0.5	44	13.1	46.1	27.0
1-20 + 250	0.29	<0.2	2.48	13	<5	238	1.8	<1	0.32	<0.5	58	5.1	23.3	17.3
1-20 + 348	0.21	<0.2	1.75	21	<5	135	0.8	<1	0.32	<0.5	63	13.8	52.4	20.0
1-21 + 99	0.17	0.2	1.77	37	<5	63	0.6	3	0.12	<0.5	70	14.4	55.4	66.4
1-21 + 200	0.21	<0.2	1.86	18	<5	139	0.8	<1	0.31	<0.5	75	17.0	53.7	67.8
1-21 + 300	0.20	0.3	2.64	40	5	123	1.0	<1	0.16	<0.5	67	27.6	152	54.8
1-21 + 403	0.19	0.3	1.57	33	<5	112	0.7	<1	0.07	<0.5	75	6.5	46.7	39.5
1-22 + 00	0.22	<0.2	1.24	16	<5	50	<0.5	<1	0.09	<0.5	33	5.8	27.2	23.3
1-22 + 49	0.24	<0.2	1.63	34	<5	77	<0.5	<1	0.24	<0.5	47	8.8	49.5	29.4
1-22 + 146	0.15	<0.2	0.20	<1	<5	14	<0.5	<1	0.05	<0.5	4	0.7	1.8	4.4
1-22 + 250	0.18	<0.2	1.91	51	<5	73	<0.5	<1	0.08	<0.5	62	9.1	51.4	34.4
1-22 + 350	0.21	<0.2	1.70	40	<5	110	<0.5	2	0.06	<0.5	36	7.2	44.9	46.4
1-23 + 100	0.20	0.3	2.14	18	<5	227	0.5	<1	0.23	<0.5	39	6.5	60.4	17.8
1-23 + 199	0.13	1.0	1.76	11	<5	353	0.9	<1	0.56	<0.5	77	11.7	39.5	32.7
1-23 + 299	0.21	<0.2	1.73	18	<5	101	<0.5	<1	0.21	<0.5	42	7.5	46.8	18.5
1-23 + 349	0.23	0.3	2.02	34	<5	111	<0.5	<1	0.07	<0.5	51	7.0	46.1	32.5
1-23 + 400	0.31	0.3	1.80	23	<5	168	<0.5	<1	0.20	<0.5	37	6.5	45.1	21.5
1-24 + 00	0.20	<0.2	1.25	14	<5	65	<0.5	<1	0.12	<0.5	36	4.5	30.6	14.7
1-24 + 99	0.16	<0.2	1.80	25	<5	544	<0.5	<1	1.57	<0.5	33	21.1	166	44.6
1-24 + 249	0.22	<0.2	2.84	14	<5	450	1.4	<1	0.49	<0.5	127	43.0	57.9	31.0
1-24 + 388	0.25	<0.2	1.32	13	<5	233	<0.5	<1	0.55	<0.5	47	8.2	46.9	20.7
1-25 + 00	0.11	<0.2	2.04	16	<5	888	<0.5	<1	1.50	<0.5	32	26.4	283	214
1-25 + 48	0.19	<0.2	2.18	8	<5	598	<0.5	<1	1.21	<0.5	31	45.1	96.2	162
1-25 + 149	0.30	<0.2	2.63	4	<5	1260	<0.5	<1	0.55	<0.5	9	43.3	165	233

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
1-25 + 251	0.22	<0.2	2.51	7	<5	262	<0.5	<1	0.85	<0.5	18	26.8	404	69.6
1-25 + 345	0.21	<0.2	0.87	6	<5	538	<0.5	<1	1.08	0.8	13	25.7	121	357
1-26 + 97	0.20	<0.2	1.22	10	<5	283	<0.5	<1	0.85	<0.5	40	19.2	54.1	48.4
1-26 + 199	0.22	<0.2	1.77	11	<5	508	<0.5	<1	1.10	<0.5	30	15.6	78.2	129
1-26 + 298	0.28	<0.2	2.74	7	<5	842	<0.5	<1	2.05	<0.5	37	30.5	108	144
1-26 + 401	0.38	<0.2	2.00	13	<5	391	<0.5	<1	1.26	<0.5	41	14.6	81.9	70.7
1-27 + 00	0.23	<0.2	1.95	8	<5	764	<0.5	<1	0.97	<0.5	32	23.4	83.3	118
1-27 + 302	0.25	<0.2	1.18	14	<5	218	<0.5	<1	0.60	<0.5	28	16.0	48.7	54.9
JB-001	0.15	<0.2	0.36	<1	<5	32	0.6	<1	0.06	<0.5	18	1.6	441	10.5
JB-002	0.16	<0.2	0.39	1	<5	58	<0.5	60	0.07	<0.5	12	1.4	526	12.0
105G11-003	0.58	<0.2	0.08	<1	<5	11	<0.5	2	0.02	<0.5	4	1.2	486	7.5
RB11-01 32.5-34.5	1.95	0.3	4.97	6	13	230	<0.5	4	0.05	<0.5	24	78.1	340	2800
RB11-01 34.5-35.5	0.95	<0.2	5.38	16	13	116	<0.5	3	0.04	<0.5	26	49.1	341	723
RB11-01 219-220	0.96	<0.2	2.91	10	8	26	<0.5	<1	1.06	5.5	18	41.4	225	660
RB11-01 220-221	1.19	0.3	3.72	7	<5	56	<0.5	<1	0.87	0.9	12	16.3	290	1150
RB11-01 221-222	0.90	3.2	3.24	11	11	16	<0.5	<1	0.20	1.1	25	37.9	204	5840
RB11-01 222-223	1.11	2.2	3.94	21	10	10	<0.5	<1	0.16	10.8	23	90.8	259	3690
RB11-02 199.5-200.25	0.88	<0.2	4.28	5	10	1650	<0.5	<1	2.11	<0.5	14	32.0	86.4	250
RB11-02 200.25-201	0.87	<0.2	4.73	4	6	2830	<0.5	<1	2.72	<0.5	12	31.7	152	62.9
RB11-04 159.5-160.25	0.75	<0.2	4.47	5	6	527	<0.5	1	0.53	<0.5	11	29.5	58.9	1370
RB11-04 160.25-161	0.86	<0.2	4.33	5	<5	441	<0.5	2	0.54	<0.5	10	24.6	44.8	1730
1-27 + 348	0.14	<0.2	1.77	10	<5	392	<0.5	<1	0.63	<0.5	32	35.1	86.8	73.4

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
BM-002	5.26	<5	<1	0.06	50	23	0.75	874	1.1	<0.01	43.8	508	10.1	18
BM-003	5.94	<5	<1	0.03	34	34	1.34	1030	1.6	<0.01	54.0	911	15.5	10
105G11-001	2.28	<5	<1	0.08	24	17	0.37	515	1.4	0.02	19.5	963	11.1	28
105G11-002	1.92	<5	<1	0.12	42	22	0.32	448	2.7	0.01	15.6	735	19.6	51
105G11-003	2.04	<5	<1	0.19	35	27	0.33	230	3.9	<0.01	13.1	672	17.0	68
105G11-100	3.16	<5	<1	0.22	14	11	1.01	483	<0.5	0.06	22.2	2610	6.6	87
105G11-101	6.92	<5	<1	0.43	11	8	1.50	502	0.7	0.06	18.0	6940	2.2	103
105G11-102	4.34	<5	<1	0.39	11	12	1.83	498	<0.5	0.05	25.9	3090	8.2	120
105G11-103	15.5	<5	<1	0.55	11	7	1.69	680	2.4	0.08	17.0	9530	<0.5	99
JB-001	2.13	<5	<1	0.14	27	22	0.31	380	3.9	<0.01	11.0	715	22.9	46
JB-002	1.96	<5	<1	0.16	32	22	0.19	145	5.8	<0.01	2.4	726	28.4	49
JB-003	3.05	<5	<1	0.11	22	42	0.59	381	0.9	<0.01	32.0	644	13.6	36
JB-004	3.31	<5	<1	0.11	23	33	0.65	322	0.9	<0.01	28.0	396	15.1	38
JB-005	4.19	<5	<1	0.07	32	14	0.73	527	16.4	0.01	37.3	1040	26.7	13
JB-006	4.91	<5	<1	0.02	46	25	1.14	482	8.5	<0.01	40.2	819	8.2	<10
JB-007	4.75	<5	<1	0.03	48	22	0.96	751	3.4	<0.01	32.6	886	9.5	<10
JB-008	4.19	<5	<1	0.03	37	17	0.80	370	9.7	<0.01	36.6	1130	10.3	<10
JB-009	2.31	<5	<1	0.04	12	11	0.63	947	2.0	0.02	34.8	1440	7.5	11
JB-010	0.39	<5	<1	0.02	1	<1	0.06	40	<0.5	0.03	2.4	287	1.5	<10
JB-011	2.35	<5	<1	0.03	15	7	0.44	178	7.5	0.01	21.9	837	7.6	<10
JB-012	0.66	<5	<1	0.03	4	2	0.18	90	1.2	0.03	7.3	632	4.4	<10
KL 023	4.86	5	<1	0.12	31	50	1.39	644	2.2	<0.01	41.2	875	9.8	50
KL 024	0.34	<5	<1	0.02	8	2	0.07	35	<0.5	0.03	2.4	582	2.3	<10
KL 025	0.49	<5	<1	0.03	9	3	0.06	128	1.1	0.05	3.1	342	4.2	<10
KL 030	0.53	<5	<1	0.03	3	1	0.05	39	<0.5	0.03	2.1	182	2.5	<10
KL 031	0.35	<5	<1	0.02	4	1	0.05	48	<0.5	0.05	1.1	358	2.5	<10
KL 032	0.83	<5	<1	0.05	10	7	0.13	169	<0.5	0.04	5.7	436	5.3	20
KL035	0.46	<5	<1	0.03	3	2	0.07	33	<0.5	0.05	1.3	297	1.7	<10
KL 036	0.25	<5	<1	0.02	2	<1	0.02	15	<0.5	0.04	<0.5	81	0.8	<10
KL 037	1.63	6	<1	0.08	24	10	0.26	149	2.5	<0.01	8.9	294	12.9	33
KL 038	0.49	<5	<1	0.02	<1	<1	0.04	28	<0.5	0.04	0.6	133	2.8	<10
KL 039	0.31	<5	<1	0.02	<1	<1	0.02	14	<0.5	0.04	<0.5	142	1.6	<10

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
KL 040	0.61	<5	<1	0.06	3	5	0.08	53	<0.5	0.03	3.5	250	6.6	15
KL 041	0.27	<5	<1	0.02	<1	<1	0.02	21	<0.5	0.04	<0.5	243	1.0	<10
KL 042	1.99	<5	<1	0.12	17	18	0.29	650	2.0	0.02	11.1	682	15.1	48
KL 043	1.43	<5	<1	0.08	31	15	0.26	341	<0.5	0.03	11.3	467	9.8	38
KL 044	0.56	6	<1	0.04	25	3	0.05	50	<0.5	<0.01	2.4	111	6.7	19
KL 045	0.99	<5	3	0.09	4	7	0.18	83	<0.5	0.04	12.2	180	4.5	17
KL 047	0.70	<5	<1	0.04	6	5	0.10	45	<0.5	0.03	3.3	407	6.7	10
KL 048	0.21	<5	<1	0.02	<1	<1	0.04	18	<0.5	0.05	0.5	152	2.4	<10
KL 049	0.25	<5	<1	0.03	2	<1	0.03	17	<0.5	0.04	0.6	182	1.9	<10
KL 050	2.73	<5	<1	0.12	33	34	0.75	507	0.9	0.01	25.5	756	16.0	33
KL 051	2.10	6	<1	0.15	15	16	0.40	302	0.7	0.01	18.7	350	12.8	47
KL 052	2.46	<5	<1	0.16	20	14	0.60	510	1.3	0.01	32.0	690	9.7	43
KL 053	0.38	<5	<1	0.04	5	2	0.05	24	<0.5	0.05	1.3	480	3.7	<10
KL 054	0.74	<5	<1	0.07	17	4	0.13	76	<0.5	0.01	4.0	97	6.3	32
KL 055	2.51	<5	<1	0.10	18	25	0.71	551	<0.5	<0.01	28.5	805	13.7	25
KL 057	2.05	<5	<1	0.14	25	20	0.38	326	0.9	<0.01	13.1	545	10.0	94
KL 058	2.26	5	<1	0.13	27	24	0.47	356	0.9	0.01	19.4	720	19.3	43
KL 059	2.96	5	<1	0.09	18	22	0.46	266	1.3	<0.01	18.5	344	17.1	41
KL 060	2.49	7	<1	0.12	20	30	0.32	261	1.4	<0.01	12.9	359	12.0	65
KL 061	5.70	<5	<1	0.15	37	37	0.96	1170	1.4	0.01	51.3	830	17.2	39
KL 062	5.35	8	<1	0.47	47	79	1.21	1330	2.5	0.03	61.9	887	29.1	172
KL 063	5.40	10	<1	0.53	63	76	1.08	898	4.4	0.02	68.0	1020	28.6	189
KL 064	5.31	10	<1	0.47	47	82	1.26	1280	2.9	0.02	63.8	833	29.9	185
KL 065	5.19	9	<1	0.47	54	69	1.03	2420	3.9	0.02	63.5	1020	37.0	174
KL 066	4.99	7	<1	0.46	72	66	0.98	1870	3.8	0.02	59.9	1070	30.0	163
KL 067	5.08	8	<1	0.43	50	74	1.15	1330	3.1	0.02	60.7	903	28.5	158
KL 068	5.07	8	<1	0.45	48	74	1.14	1210	3.0	0.02	60.9	879	27.9	164
KL 069	3.49	6	<1	0.10	30	26	0.72	392	0.9	<0.01	34.6	543	12.9	29
KL 070	4.63	6	<1	0.15	39	35	1.04	819	0.9	0.01	54.1	920	16.7	42
KL 071	4.56	6	<1	0.14	38	38	1.06	843	1.2	0.01	56.6	985	16.8	41
KL 072	4.05	5	<1	0.13	34	32	0.93	661	1.2	0.01	45.5	787	14.2	36
KL 073	4.42	5	<1	0.13	34	37	1.09	695	0.9	0.02	52.5	926	14.5	36

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Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
KL 074	3.99	<5	<1	0.11	26	30	1.00	1280	1.9	0.02	36.0	1000	10.4	35
KL 075	4.30	6	<1	0.13	33	36	1.04	690	1.0	0.02	52.3	963	14.8	35
KL 076	3.54	5	<1	0.08	24	25	0.82	1320	2.3	0.02	32.0	1150	9.9	26
KL 077	3.73	<5	<1	0.08	25	25	0.86	1310	1.3	0.02	33.4	1080	10.3	29
KL 078	3.80	5	<1	0.09	25	26	0.89	1280	1.7	0.02	32.7	1060	10.3	29
KL 079	3.81	6	<1	0.11	27	28	0.92	1130	1.4	0.02	34.0	1130	10.7	35
KL 080	3.59	5	<1	0.10	25	26	0.85	1400	1.5	0.03	33.2	1100	10.4	32
KL 081	3.69	6	<1	0.10	25	26	0.86	1160	2.1	0.02	33.1	1070	10.2	32
KL 082	3.43	<5	<1	0.09	24	24	0.81	1520	1.3	0.03	30.6	1030	10.0	30
KL 083	3.73	<5	<1	0.10	25	27	0.89	1170	1.6	0.02	32.4	1070	10.2	32
KL 084	4.07	<5	<1	0.11	26	30	1.00	2010	1.9	0.02	37.8	985	10.9	37
KL 085	1.39	<5	<1	0.05	11	7	0.28	129	<0.5	0.03	12.5	388	4.0	13
KL 086	0.97	<5	<1	0.04	7	5	0.18	88	<0.5	0.04	8.7	292	2.8	<10
KL 087	0.91	<5	2	0.05	7	5	0.17	75	<0.5	0.05	7.6	278	3.0	11
KL 088	1.25	<5	<1	0.04	9	6	0.25	114	<0.5	0.03	11.5	371	3.9	11
KL 089	0.99	<5	<1	0.04	8	5	0.19	89	<0.5	0.04	8.5	312	3.1	10
KL 090	1.64	<5	<1	0.05	13	9	0.36	152	0.6	0.03	16.0	460	4.9	16
KL 091	0.93	<5	<1	0.05	7	5	0.18	80	<0.5	0.05	6.2	277	2.7	10
KL 092	1.20	<5	<1	0.05	9	6	0.24	109	<0.5	0.04	11.2	369	3.5	13
KL 097	3.34	<5	<1	0.13	33	21	0.94	513	0.5	<0.01	37.5	888	10.1	31
KL 098	2.04	5	<1	0.13	12	11	0.84	370	<0.5	0.04	17.5	1040	7.7	38
KL 099	3.60	<5	<1	0.63	13	15	2.37	1290	0.5	0.05	46.4	1540	7.0	177
KL 100	1.79	5	<1	0.07	10	8	0.38	142	<0.5	0.03	9.3	209	7.2	18
KL 101	1.80	<5	<1	0.07	9	8	0.37	173	<0.5	0.03	9.6	650	6.9	20
KL 103	2.87	<5	1	0.19	26	14	0.94	533	<0.5	0.07	18.4	1380	7.6	27
KL 105	1.43	<5	<1	0.08	6	5	0.45	181	<0.5	0.05	4.8	1240	4.3	12
KL 106	2.78	<5	<1	0.18	14	21	0.85	377	<0.5	0.02	20.7	862	15.0	46
KL 107	1.61	6	<1	0.12	13	6	0.51	270	<0.5	0.03	11.4	405	7.0	40
KL 108	2.84	<5	<1	0.19	22	15	1.00	462	<0.5	0.04	22.6	1950	10.3	44
KL 109	3.01	6	<1	0.16	36	18	0.75	407	0.6	0.03	24.3	1180	14.5	35
KL 110	2.15	<5	<1	0.21	10	9	0.82	380	<0.5	0.04	18.4	1070	6.4	62
KL 111	0.83	<5	<1	0.04	5	2	0.15	405	<0.5	0.05	9.8	552	1.9	<10

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
KL 112	4.73	<5	<1	0.56	12	12	2.37	622	<0.5	0.06	47.1	2960	7.7	152
KL 113	1.15	<5	<1	0.07	2	2	0.24	223	<0.5	0.04	3.3	535	3.1	28
KL 114	2.38	<5	<1	0.21	13	17	0.96	276	<0.5	0.03	25.2	954	8.6	66
KL 115	3.03	<5	<1	0.25	18	17	1.14	375	0.5	0.02	38.4	1200	11.5	110
KL 116	1.78	<5	<1	0.15	7	14	0.48	189	<0.5	0.03	16.2	223	7.7	39
KL 117	0.31	<5	<1	0.03	<1	<1	0.04	24	<0.5	0.04	0.8	92	1.8	<10
KL 118	0.16	<5	<1	0.03	<1	<1	0.03	25	<0.5	0.07	1.5	70	0.9	<10
KL 119	2.78	6	<1	0.25	19	27	0.76	1490	0.7	0.02	28.6	736	18.2	84
KL 120	1.81	<5	<1	0.05	2	3	0.99	99	<0.5	0.04	12.8	746	4.2	17
KL 122	2.57	<5	<1	0.05	2	2	0.34	818	0.9	0.05	5.1	849	1.6	<10
KL 123	5.66	6	<1	0.75	12	9	2.28	668	1.4	0.07	18.4	4830	4.7	143
KL 124	3.95	<5	<1	0.16	15	12	0.95	394	0.6	0.04	18.7	2170	8.0	39
KL 125	3.17	<5	<1	0.22	18	15	1.13	488	<0.5	0.05	24.6	1780	8.1	83
KL 126	3.44	<5	<1	0.22	11	9	1.03	450	<0.5	0.09	15.1	2320	5.1	51
KL 127	4.84	5	<1	0.42	16	13	1.70	644	0.5	0.06	26.4	3020	6.9	125
KL 128	2.39	5	<1	0.11	14	11	0.57	229	0.7	<0.01	11.1	1040	11.4	51
KL 129	2.34	5	3	0.10	15	9	0.84	1080	<0.5	0.03	25.4	1350	8.7	40
KL 130	0.72	<5	<1	0.05	27	<1	0.29	941	0.7	0.02	25.5	1400	2.6	10
KL 131	1.29	<5	<1	0.06	5	5	0.51	173	<0.5	0.04	11.0	649	3.9	22
KL 132	2.42	5	<1	0.12	14	15	0.56	230	0.7	<0.01	13.7	296	13.4	34
KL 133	1.21	5	<1	0.08	15	7	0.24	122	<0.5	<0.01	7.3	214	9.9	29
KL 135	7.04	<5	<1	0.29	11	8	1.72	473	0.7	0.07	4.9	4290	5.3	49
PE 209 + 0.10	5.54	8	<1	0.82	3	24	1.72	1090	<0.5	0.03	8.6	1550	6.8	105
PE 209 + 0.20	5.12	<5	<1	0.12	46	18	0.81	1520	3.5	0.01	48.2	1370	11.6	32
PE 210	5.31	6	<1	0.14	21	26	2.01	1260	1.8	0.01	4.3	2950	11.3	23
PE 210 + 0.10	3.70	5	<1	0.06	14	27	0.73	798	1.4	0.02	16.4	433	9.4	21
PE 210 + 0.20	5.52	8	<1	0.08	13	34	0.77	613	2.0	<0.01	23.1	436	20.4	30
PE 210 + .303	3.95	6	<1	0.03	25	18	0.81	405	1.9	<0.01	18.5	414	8.5	19
PE 210 + 1.00	4.78	<5	<1	0.07	33	32	1.15	816	0.9	<0.01	53.8	865	11.2	20
PE 211	4.54	<5	<1	0.13	37	32	1.17	939	1.4	0.01	44.3	1060	12.3	31
PE 211 + 0.10	3.37	<5	<1	0.06	19	19	0.64	624	1.5	<0.01	25.7	1050	10.8	23
PE 211 + 0.20	0.92	<5	<1	0.03	13	8	0.27	182	<0.5	0.05	12.4	1320	4.9	<10

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
PE 211 + 292	0.18	<5	<1	0.03	4	2	0.07	34	<0.5	0.06	4.7	452	2.4	<10
PE 212	0.31	<5	<1	0.02	1	1	0.04	465	<0.5	0.05	0.9	434	1.1	<10
PE 212 + 0.10	3.39	<5	<1	0.14	22	33	0.78	1080	0.9	0.02	32.0	843	13.7	39
PE 212 + 110	2.62	7	1	0.10	33	47	0.83	693	<0.5	0.01	26.4	1550	13.2	31
PE 212 + 299	3.33	<5	<1	0.14	26	26	0.77	388	0.7	0.01	29.9	860	12.2	39
PE 212 + 495	3.29	<5	<1	0.17	32	35	0.91	350	<0.5	0.01	37.4	972	14.7	49
PE 213	2.96	5	<1	0.10	28	25	0.70	635	0.7	<0.01	30.0	911	10.9	26
PE 213 + 100	2.25	<5	<1	0.07	13	23	0.54	884	0.9	0.01	17.0	861	10.3	29
PE 213 + 305	2.18	<5	<1	0.07	21	24	0.60	297	<0.5	<0.01	20.8	666	10.7	27
PE 214	2.18	5	<1	0.08	21	34	0.69	531	<0.5	0.03	22.9	888	12.6	26
PE CRK. SMAWK 5M@214	2.32	6	<1	0.12	24	34	0.74	484	<0.5	0.03	24.5	952	11.7	33
PE 215	4.69	7	<1	0.30	38	73	1.80	822	<0.5	0.06	43.9	717	20.6	93
PE 216	3.49	7	<1	0.15	31	53	0.90	667	0.7	0.03	31.9	551	15.9	64
PE 217	1.06	6	<1	0.11	21	8	0.19	160	1.2	<0.01	4.3	167	8.9	72
PE 218	1.26	6	<1	0.09	20	12	0.20	124	4.9	<0.01	5.0	162	10.9	65
PE 219	3.02	<5	<1	0.16	20	50	0.63	312	3.5	0.01	27.0	421	13.4	59
PE 220	3.16	7	<1	0.11	24	48	0.78	412	4.2	<0.01	23.2	491	18.7	50
MER 1.27 4000	4.80	<5	<1	0.48	17	12	1.34	1110	1.0	0.04	28.3	1730	10.9	109
MER 1.27 4108	2.93	<5	<1	0.37	15	14	1.19	670	<0.5	0.03	28.4	1570	8.9	73
MER 1.28 4209	1.64	<5	<1	0.17	14	14	0.62	209	<0.5	0.01	13.6	902	5.3	41
MER 1.28 4307	3.10	<5	<1	0.46	9	8	1.42	273	<0.5	0.03	30.6	3420	5.6	94
MER 1.28 4405	0.71	<5	<1	0.06	5	6	0.15	128	<0.5	0.04	5.5	511	4.6	<10
MER 1.28 4502	2.18	<5	<1	0.07	13	21	0.54	258	<0.5	<0.01	16.4	619	12.6	18
MER 1.28 4600	1.50	5	<1	0.05	12	8	0.30	202	<0.5	<0.01	5.3	395	9.0	16
MER 1.28 4706	3.34	6	<1	0.10	16	34	0.84	345	1.0	0.01	27.4	456	15.2	39
MER 1.29 4801	0.21	<5	<1	0.03	<1	<1	0.03	12	<0.5	0.04	<0.5	155	1.9	<10
MER 1.29 4900	1.82	<5	<1	0.08	9	8	0.33	156	<0.5	0.02	9.5	433	7.0	22
MER 1.29 5100	0.39	<5	<1	0.03	2	<1	0.05	25	<0.5	0.05	1.6	265	1.8	<10
MER 1.30 5200	1.59	<5	<1	0.06	12	10	0.43	233	<0.5	0.02	18.0	846	7.8	17
MER 1.30 5300	0.57	<5	<1	0.06	5	4	0.32	1420	1.0	0.01	9.7	1080	4.5	12
MER 1.30 5400	0.38	<5	<1	0.02	4	<1	0.14	267	<0.5	0.04	5.1	746	1.9	<10
MER 1.30 5500	2.85	5	<1	0.11	21	25	0.92	306	0.6	0.01	24.3	980	15.0	33

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
MER 1.30 5600	0.87	<5	<1	0.05	4	6	0.21	79	<0.5	0.02	9.2	276	5.1	13
MER 1.31 5700	1.96	<5	<1	0.07	9	20	0.69	317	<0.5	0.02	18.1	460	8.3	27
MER 1.31 5801	1.16	<5	<1	0.06	9	9	0.38	764	<0.5	0.02	16.0	1140	6.0	20
MER 1.31 5900	1.21	<5	<1	0.04	8	7	0.26	749	<0.5	0.02	10.2	872	4.5	12
MER 1.31 6000	0.28	<5	<1	0.02	1	<1	0.03	21	<0.5	0.04	0.7	127	1.5	<10
MER 1.32 6100	0.77	<5	<1	0.04	10	3	0.13	740	0.6	0.04	3.2	826	5.6	<10
MER 1.32 6200	1.46	<5	<1	0.05	31	7	0.23	2240	2.6	0.03	24.8	1230	9.9	13
MER 1.32 6300	0.05	<5	<1	0.02	1	<1	0.14	22	0.9	0.01	4.1	454	<0.5	<10
MER 1.32 6400	0.45	<5	<1	0.03	4	2	0.14	815	<0.5	0.04	5.7	811	1.6	<10
MER 1.32 6500	0.73	<5	<1	0.04	9	2	0.23	2600	1.5	0.01	41.3	1390	1.7	10
MER 1.33 6600	0.30	<5	1	0.02	4	<1	0.19	740	0.6	0.02	19.2	1000	1.0	<10
MER 1.33 6700	0.31	<5	<1	0.03	7	<1	0.11	567	<0.5	0.04	8.9	427	1.4	<10
MER 1.33 6800	0.68	<5	<1	0.04	6	<1	0.23	8750	1.5	0.01	16.0	1360	1.4	<10
MER 1.33 6901	0.96	<5	<1	0.03	20	2	0.17	1990	2.1	0.03	33.9	1010	3.9	<10
MER 3.01 2506	0.30	<5	<1	0.03	3	<1	0.07	164	<0.5	0.04	4.3	809	2.0	<10
MER 3.02 2606	0.26	<5	<1	0.02	3	<1	0.05	253	<0.5	0.04	4.7	594	2.5	<10
MER 3.02 2703	0.21	<5	<1	0.04	3	1	0.10	164	1.0	0.01	6.9	642	0.9	11
MER 3.02 2807	0.28	<5	<1	0.02	2	1	0.04	153	<0.5	0.06	1.7	502	1.6	<10
MER 3.02 2903	2.57	<5	<1	0.08	18	27	0.71	417	<0.5	0.02	33.4	734	9.0	26
MER 3.02 3003	2.77	5	<1	0.07	18	30	0.79	637	0.9	0.02	33.4	615	9.9	34
MER 3.03 3104	0.32	<5	<1	0.02	4	<1	0.04	27	<0.5	0.04	1.3	447	1.6	<10
MER 3.03 3205	1.90	<5	<1	0.09	22	11	0.47	631	0.5	<0.01	16.2	355	7.0	55
MER 3.03 3305	3.74	<5	<1	0.06	19	24	0.70	406	1.4	<0.01	33.8	364	10.5	27
MER 3.03 3404	3.67	<5	<1	0.11	20	15	0.61	390	1.9	<0.01	24.5	500	11.6	56
MER 3.04 3505	6.55	6	<1	0.71	24	59	1.42	579	1.4	0.11	119	437	34.5	147
MER 3.04 3603	4.40	10	<1	0.79	21	76	1.45	1060	<0.5	0.15	42.0	522	17.5	211
MER 3.04 3704	1.36	<5	<1	0.05	7	13	0.28	183	<0.5	0.06	9.0	498	5.9	18
MER 3.04 3805	5.24	11	<1	0.29	43	70	1.23	1610	1.5	0.23	53.7	287	29.0	77
MER 3.04 3905	4.93	9	<1	0.78	42	61	1.17	901	1.1	0.11	42.9	252	21.6	191
MER 3.05 4004	4.27	<5	<1	0.13	14	25	0.59	487	1.2	0.02	30.9	437	15.0	54
MER 3.05 4102	4.28	5	<1	0.19	18	32	0.78	660	1.0	0.01	30.9	648	14.6	81
MER 3.05 4203	3.03	<5	<1	0.11	17	30	0.66	435	1.5	0.02	24.9	724	10.4	44

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Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
MER 3.05 4307	0.29	<5	<1	0.03	2	1	0.03	20	<0.5	0.03	1.0	89	1.0	<10
MER 3.06 4406	4.22	<5	<1	0.13	29	27	0.98	680	1.2	0.01	55.7	502	10.2	29
MER 3.06 4504	0.67	<5	<1	0.03	6	3	0.10	1120	<0.5	0.04	6.1	679	3.7	<10
MER 3.06 4604	0.49	<5	<1	0.03	1	2	0.05	64	<0.5	0.05	1.3	176	3.3	<10
MER 3.06 4704	6.60	<5	<1	0.10	34	53	1.10	1460	2.0	0.02	57.9	880	23.4	37
MER 3.06 4805	0.86	<5	<1	0.04	7	6	0.16	272	1.8	0.01	10.7	1180	4.3	22
MER 3.07 4903	5.32	10	2	0.05	26	46	0.69	447	1.4	0.03	36.0	1040	24.1	45
MER 3.07 5004	3.16	5	<1	0.05	20	8	0.35	206	3.2	<0.01	22.7	284	8.3	36
MER 3.07 5199	0.65	<5	<1	0.02	53	2	0.08	881	1.4	0.01	30.8	1580	2.8	12
MER 3.07 5204	3.28	6	<1	0.05	14	22	0.60	780	2.0	0.02	23.1	688	14.9	37
MER 3.11 0386894	1.80	5	<1	0.08	16	10	0.31	174	1.8	<0.01	12.5	289	9.8	52
MER 3.11 0386996	0.26	<5	<1	0.02	18	1	0.04	139	<0.5	0.05	5.1	500	1.6	<10
MER 3.12 0387093	2.88	<5	<1	0.07	19	31	0.76	328	1.8	<0.01	24.0	867	10.2	28
MER 3.12 0387194	1.19	5	<1	0.09	91	32	0.23	367	1.3	0.03	33.4	1100	10.8	35
MER 3.12 0387294	0.40	<5	<1	0.02	2	2	0.04	36	<0.5	0.02	1.6	164	2.5	<10
MER 3.12 0387395	1.20	<5	<1	0.06	31	31	0.22	306	1.4	0.03	18.2	1410	6.8	19
MER 3.12 0387496	3.09	5	<1	0.06	2	<1	0.13	9800	6.8	0.03	20.5	996	<0.5	14
MER 3.13 0387596	1.68	<5	<1	0.06	13	23	0.51	273	1.2	0.02	14.8	770	7.7	37
MER 3.13 0387693	0.38	<5	1	0.03	3	1	0.04	21	0.5	0.03	1.9	451	2.4	<10
MER 3.13 0387798	2.64	<5	<1	0.09	27	25	0.68	432	1.6	<0.01	26.5	890	12.2	28
MER 3.13 0387894	0.25	<5	1	0.02	<1	<1	0.02	18	<0.5	0.03	<0.5	262	2.3	<10
MER 3.13 0387995	1.52	<5	<1	0.06	19	4	0.12	140	1.8	0.01	9.5	2930	6.1	12
MER 3.13 0388095	2.98	6	<1	0.08	21	31	0.71	292	1.6	<0.01	26.1	634	12.2	33
MER 3.14 0388193	5.32	29	<1	0.03	42	19	0.22	44600	10.5	0.02	48.2	1440	21.2	<10
MER 3.14 0388291	0.16	<5	1	0.02	1	<1	0.04	21	<0.5	0.04	0.6	248	1.3	<10
MER 3.14 0388393	2.23	6	<1	0.08	18	26	0.53	687	1.6	0.04	22.9	744	10.2	29
MER 3.15 0388495	2.76	7	<1	0.07	33	32	0.65	438	1.3	0.04	25.6	1090	14.3	31
MER 3.15 0388592	5.20	8	<1	0.29	39	82	1.48	589	1.6	0.05	47.9	499	27.1	112
MER 3.15 0388696	3.09	8	<1	0.22	66	47	0.73	855	2.6	0.02	33.7	902	37.8	79
MER 3.15 0388793	4.50	7	<1	0.21	43	62	0.84	1400	4.2	0.01	31.4	634	60.0	90
MER 3.15 0388895	2.44	5	<1	0.15	108	17	0.27	1150	6.6	0.01	10.4	1410	35.7	74
MER 3.16 0388996	2.49	5	<1	0.18	54	23	0.33	513	5.9	<0.01	8.3	615	22.8	122

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
MER 3.16 0389094	1.05	<5	<1	0.05	18	4	0.06	104	5.6	<0.01	3.5	545	29.3	30
MER 3.16 0389194	0.64	5	<1	0.06	23	5	0.08	54	4.9	<0.01	2.8	134	8.4	31
MER 3.16 0389295	2.87	7	<1	0.19	20	33	0.53	465	6.2	<0.01	16.7	336	23.3	102
MER 3.17 0389393	3.43	10	<1	0.32	140	56	0.51	524	3.7	<0.01	16.6	1120	27.3	165
MER 3.17 0389491	2.27	6	<1	0.10	17	16	0.26	279	4.8	<0.01	10.1	301	17.1	70
MER 3.17 0389594	2.05	6	1	0.10	17	16	0.31	231	5.3	<0.01	9.9	204	10.2	68
MER 3.17 0389696	1.18	<5	<1	0.04	394	4	0.08	769	3.9	0.01	4.4	3760	9.4	13
MER 3.18 0389794	2.81	7	<1	0.17	51	17	0.28	521	14.2	0.01	26.7	1420	28.3	98
MER 3.18 0389892	1.44	<5	<1	0.09	32	14	0.17	227	4.5	<0.01	3.9	844	17.9	40
MER 3.18 0389993	1.24	12	<1	0.12	42	28	0.23	240	1.6	<0.01	17.6	1070	45.1	59
MER 3.18 0390094	2.14	<5	<1	0.07	18	6	0.09	142	6.9	<0.01	3.3	542	21.6	33
MER 3.18 0390189	1.00	<5	<1	0.05	16	3	0.06	47	4.5	<0.01	5.2	739	9.8	19
MER 3.19 0390295	4.10	5	<1	0.22	49	42	0.52	713	4.4	0.01	32.5	1010	13.8	96
MER 3.19 0390394	4.39	<5	1	0.19	34	33	0.47	781	3.6	<0.01	32.2	751	17.4	53
MER 3.19 0390498	5.09	5	<1	0.17	24	48	0.58	2660	2.2	0.01	36.3	1150	16.0	61
MER 3.19 0390594	4.24	<5	<1	0.10	26	44	0.81	501	2.5	<0.01	37.5	897	11.4	32
MER 3.20 0390697	7.52	7	<1	0.09	39	47	1.49	3420	4.9	<0.01	181	1340	12.8	30
MER 5.07 5051	3.18	<5	<1	0.06	28	24	0.74	656	1.2	0.01	40.9	1160	9.9	18
MER 5.07 5150	0.57	<5	<1	0.03	7	12	0.10	49	<0.5	0.03	4.1	931	5.5	12
MER 5.07 5259	0.31	<5	<1	0.02	9	6	0.07	25	<0.5	0.03	3.6	1060	5.6	<10
MER 5.08 5354	0.47	<5	<1	0.03	5	3	0.06	24	<0.5	0.03	2.9	197	3.8	<10
MER 5.08 5451	1.95	<5	<1	0.09	28	21	0.30	186	0.9	<0.01	14.2	1060	11.2	35
MER 5.08 5550	1.71	<5	<1	0.09	23	17	0.29	334	1.3	<0.01	16.5	1110	10.2	25
MER 5.08 5651	0.45	<5	<1	0.02	4	2	0.06	67	<0.5	0.04	1.2	646	1.8	<10
MER 5.09 5752	1.08	<5	<1	0.04	24	20	0.17	56	0.8	0.02	9.4	1350	12.3	14
MER 5.09 5850	2.80	5	<1	0.10	27	38	0.65	406	1.4	0.01	31.7	833	11.6	37
MER 5.09 5950	0.51	<5	<1	0.03	6	3	0.07	51	<0.5	0.03	5.5	440	2.4	<10
MER 5.09 6050	2.06	<5	<1	0.12	34	32	0.48	355	1.1	0.01	20.3	995	9.8	35
MER 5.09 6151	3.49	5	<1	0.11	24	37	0.70	454	1.6	<0.01	20.3	741	16.3	39
MER 5.10 6351	2.38	<5	<1	0.11	18	25	0.43	259	1.8	<0.01	17.0	503	12.0	59
MER 5.10 6451	2.30	<5	<1	0.09	24	28	0.54	351	1.1	<0.01	20.5	796	11.7	31
MER 5.10 6550	3.00	<5	3	0.13	25	32	0.63	533	0.8	<0.01	30.3	418	17.0	40

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
MER 5.11 6651	3.05	<5	<1	0.08	17	41	0.55	597	1.6	<0.01	26.6	843	18.4	30
MER 5.11 6750	2.54	5	<1	0.09	24	47	0.53	687	1.3	<0.01	20.7	805	27.6	36
MER 5.11 6850	1.78	5	2	0.05	15	9	0.19	125	1.3	<0.01	9.7	505	14.9	18
MER 5.11 6951	2.15	<5	1	0.06	22	33	0.33	235	1.1	<0.01	16.2	445	18.7	31
MER 5.11 7049	2.46	<5	<1	0.08	28	27	0.51	303	1.0	<0.01	19.7	804	15.2	33
MER 5.12 7151	1.42	6	<1	0.08	29	27	0.30	268	0.9	<0.01	10.9	1080	12.9	54
MER 5.12 7250	1.05	<5	<1	0.05	12	5	0.13	459	1.0	0.02	5.1	543	8.3	27
MER 5.12 7350	0.30	<5	<1	0.02	4	2	0.05	100	<0.5	0.04	0.9	508	2.4	<10
MER 5.12 7450	0.36	<5	<1	0.04	4	2	0.05	30	<0.5	0.03	1.5	284	2.4	17
1-06	4.19	<5	<1	0.09	19	13	1.01	840	2.0	<0.01	57.4	736	16.0	16
1-06 + 100	5.24	<5	<1	0.05	30	27	1.27	622	2.5	<0.01	34.5	677	16.4	16
1-06 + 200	2.43	5	<1	0.06	24	11	0.42	1590	2.8	0.02	14.5	2080	18.7	21
1-06 + 300	5.17	<5	<1	0.03	50	19	0.69	2830	1.7	<0.01	42.3	476	13.1	<10
1-06 + 400	4.48	7	1	0.06	71	33	1.07	1040	1.6	<0.01	35.4	433	19.1	21
1-07	2.44	<5	<1	0.04	61	13	0.41	635	1.3	0.02	16.3	838	11.7	13
1-07 + 50 4902	4.43	5	<1	0.05	75	28	1.01	1370	1.7	<0.01	37.1	640	15.3	10
1-07 LOC.5002	3.97	<5	<1	0.04	27	18	0.75	752	2.0	<0.01	26.9	839	22.2	13
1-07 + 5101	5.81	7	3	0.05	53	34	1.59	1400	1.6	<0.01	69.9	923	15.7	15
1-07 + 5200	6.65	6	2	0.05	45	29	1.30	1750	2.8	<0.01	62.6	1220	13.2	13
1-07 + 5300	3.13	6	<1	0.03	42	12	0.53	1730	2.5	<0.01	28.1	2480	7.3	11
1-07 + 5401	14.1	<5	<1	0.01	20	8	0.44	4580	5.4	<0.01	88.5	892	<0.5	<10
1-07 + 5501	6.08	<5	<1	0.02	11	11	1.22	1990	1.1	<0.01	71.5	874	7.0	<10
1-07 + 5600	6.03	5	<1	0.04	37	33	1.46	521	2.1	<0.01	79.9	1360	12.1	<10
1-07 + 5701	3.37	<5	1	0.02	10	5	0.28	717	0.9	0.02	28.3	1150	5.3	<10
1-07 + 5803	6.60	<5	<1	0.02	15	17	0.85	2120	4.2	<0.01	36.5	1900	8.1	11
1-08	7.81	<5	<1	0.01	24	14	0.79	3360	3.6	<0.01	132	1090	5.7	<10
1-08 5903	6.68	5	<1	0.03	61	38	1.56	940	2.1	<0.01	64.4	1120	49.4	<10
1-09	7.41	<5	<1	0.05	38	32	1.33	1360	2.1	<0.01	96.5	1270	10.5	11
1-09 + 100 5871	5.51	<5	<1	0.04	44	32	1.21	851	1.4	<0.01	52.7	1180	16.0	16
1-09 + 0.13 5987	5.69	<5	<1	0.02	50	26	1.33	739	1.5	<0.01	57.2	1020	10.5	<10
1-09 + 6110	5.54	<5	<1	0.03	56	20	0.71	757	1.3	<0.01	42.4	592	11.4	<10
1-10 6199	4.68	<5	2	0.03	29	23	1.00	800	1.5	<0.01	50.1	1440	11.9	<10

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
1-11	6.24	<5	<1	0.05	29	23	1.16	949	3.5	<0.01	62.7	1040	9.7	15
1-11 TO STATION 108	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss
1-11 + 6801	5.44	<5	<1	0.04	21	25	1.13	784	2.3	<0.01	50.6	1210	11.0	13
1-11 + 6936	7.13	<5	1	0.12	30	31	1.47	1310	3.4	<0.01	74.9	1840	11.5	27
1-11 + 7021	6.03	5	<1	0.05	36	30	1.36	1180	2.2	<0.01	62.3	1580	9.4	17
1-12	0.28	<5	<1	0.02	3	1	0.06	29	<0.5	0.04	1.1	558	1.4	<10
1-13	4.94	<5	<1	0.05	32	31	1.23	592	1.4	<0.01	46.3	1350	9.7	21
1-13 + 50	1.94	<5	<1	0.03	10	9	0.37	538	0.7	0.02	12.6	546	5.1	11
1-13 + 150	4.85	6	<1	0.07	49	35	1.30	833	1.7	<0.01	49.5	1330	11.5	29
1-13 + 251	4.78	<5	<1	0.05	35	32	1.21	716	1.8	<0.01	46.5	1160	9.3	22
1-13 + 349	4.85	<5	<1	0.06	30	32	1.25	595	1.2	<0.01	44.9	1240	9.6	20
1-14 + 99	0.81	<5	1	0.04	7	6	0.19	56	<0.5	0.02	6.6	336	6.3	13
1-14 + 197	3.08	<5	<1	0.04	19	25	0.98	366	1.0	<0.01	31.6	1010	7.4	21
1-14 + 297	3.66	5	<1	0.05	25	30	1.08	398	0.6	<0.01	33.9	1130	9.8	19
1-14 + 400	4.21	5	<1	0.08	22	24	0.93	828	1.3	<0.01	32.4	1120	11.7	27
1-15 + 00	1.93	<5	<1	0.06	16	17	0.60	255	<0.5	<0.01	19.6	1140	7.0	21
1-15 + 51	4.83	<5	<1	0.05	23	17	0.74	1830	1.8	<0.01	48.0	1040	8.5	11
1-15 + 149	26.3	<5	<1	0.01	1	<1	0.08	11200	15.9	<0.01	4.9	531	<0.5	<10
1-15 + 248	3.91	<5	<1	0.04	25	23	0.91	626	1.5	<0.01	35.0	1150	9.3	14
1-15 + 349	4.50	<5	<1	0.03	23	28	1.06	764	1.5	<0.01	33.0	1460	8.7	15
1-16 + 00	3.53	5	<1	0.12	19	28	0.89	477	2.7	<0.01	33.4	528	15.1	42
1-16 + 400	2.60	<5	<1	0.02	13	6	0.16	86	6.8	0.01	70.8	959	6.2	<10
1-17 + 50	4.10	7	<1	0.28	21	70	1.08	638	2.6	<0.01	35.8	779	14.3	92
1-17 + 100	2.55	6	<1	0.10	23	38	0.58	270	1.2	0.02	26.0	846	18.0	32
1-17 + 149	2.71	<5	<1	0.15	16	35	0.74	313	1.6	<0.01	24.6	646	9.3	57
1-17 + 198	3.69	6	<1	0.17	28	44	0.61	3250	2.6	0.02	43.1	894	16.9	61
1-17 + 248	4.09	<5	<1	0.14	22	41	0.50	593	9.2	0.03	28.3	777	9.9	52
1-17 + 302	6.73	<5	<1	0.06	21	18	0.36	5880	5.9	0.02	31.9	746	4.4	19
1-17 + 348	0.28	<5	1	0.03	4	1	0.03	14	<0.5	0.02	0.7	203	1.8	<10
1-18 + 49	1.94	5	1	0.08	17	10	0.33	180	2.0	<0.01	16.0	220	10.7	97
1-18 + 149	0.76	<5	<1	0.06	10	5	0.08	210	1.0	0.02	4.3	268	7.0	24
1-18 + 251	2.21	7	<1	0.14	19	23	0.50	342	4.6	<0.01	11.4	247	11.3	110

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Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
1-18 + 298	4.30	9	<1	0.29	100	58	0.82	758	5.7	0.01	33.1	1000	39.3	124
1-18 + 398	3.18	7	<1	0.23	20	29	0.63	744	6.1	0.01	22.2	794	14.4	173
1-19 + 101	4.16	6	<1	0.14	17	44	0.88	429	2.2	<0.01	23.1	449	14.4	56
1-19 + 200	3.28	6	<1	0.19	20	46	0.84	440	1.1	<0.01	24.9	762	15.4	71
1-19 + 300	3.43	5	<1	0.17	20	61	0.65	307	1.4	<0.01	20.6	566	20.5	65
1-19 + 399	3.88	7	<1	0.09	19	17	0.51	311	2.7	<0.01	17.0	338	14.6	53
1-20 + 00	1.66	6	<1	0.06	18	7	0.23	166	1.7	0.01	8.6	305	11.9	32
1-20 + 51	4.12	<5	<1	0.12	25	44	1.08	412	1.2	<0.01	43.2	823	10.0	50
1-20 + 149	3.17	<5	<1	0.15	16	29	0.88	466	1.2	<0.01	33.9	1060	12.1	43
1-20 + 250	3.36	9	<1	0.56	24	92	0.87	544	1.1	0.01	15.1	975	15.6	260
1-20 + 348	2.93	<5	<1	0.11	25	28	0.91	460	1.3	<0.01	38.4	582	13.0	37
1-21 + 99	4.51	5	<1	0.12	25	32	0.82	385	2.5	<0.01	39.1	805	91.9	44
1-21 + 200	4.13	<5	<1	0.16	31	48	1.03	441	1.3	0.01	42.3	895	8.7	52
1-21 + 300	5.37	5	<1	0.11	26	63	1.78	683	1.4	<0.01	120	472	19.4	55
1-21 + 403	3.09	7	<1	0.10	33	20	0.42	303	1.7	<0.01	26.7	495	20.5	55
1-22 + 00	3.04	<5	<1	0.06	13	18	0.49	208	1.1	0.01	18.7	585	8.6	24
1-22 + 49	3.23	<5	<1	0.08	20	22	0.85	389	1.2	<0.01	34.3	798	22.5	28
1-22 + 146	0.34	<5	<1	0.02	1	<1	0.04	18	<0.5	0.03	1.0	159	1.2	<10
1-22 + 250	4.14	<5	<1	0.07	26	24	0.91	367	1.6	<0.01	31.9	427	15.5	31
1-22 + 350	2.98	<5	<1	0.12	15	26	0.66	208	<0.5	0.03	27.9	466	18.0	41
1-23 + 100	2.84	7	<1	0.15	16	22	0.68	296	1.6	0.01	24.2	1140	12.0	68
1-23 + 199	1.79	<5	<1	0.07	30	23	0.37	494	1.8	0.02	20.8	1850	11.1	19
1-23 + 299	2.85	<5	<1	0.07	20	27	0.85	282	1.0	<0.01	25.7	616	11.0	35
1-23 + 349	3.25	6	<1	0.11	25	17	0.57	297	2.0	<0.01	24.1	942	9.4	48
1-23 + 400	2.67	5	1	0.09	17	22	0.70	270	0.8	0.01	27.0	651	11.0	47
1-24 + 00	2.22	<5	<1	0.06	15	12	0.40	173	0.7	<0.01	16.5	292	10.3	20
1-24 + 99	3.43	<5	<1	0.12	11	15	1.68	2230	1.3	0.03	48.4	1830	7.5	40
1-24 + 249	3.17	<5	<1	0.10	42	35	0.66	2430	1.8	0.03	37.5	1010	14.5	36
1-24 + 388	2.37	<5	<1	0.11	19	21	0.66	439	1.0	0.02	26.5	1130	11.6	30
1-25 + 00	3.92	<5	2	0.35	12	17	2.06	730	1.3	0.03	54.7	1320	8.0	124
1-25 + 48	4.73	<5	1	0.68	9	15	1.97	429	1.1	0.03	31.0	2850	7.4	189
1-25 + 149	4.81	<5	<1	1.40	1	5	3.50	326	<0.5	0.02	19.7	888	4.2	262

Certified By: Ron Cardinall

Results relate only to the items tested

AGAT Laboratories

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
1-25 + 251	4.66	<5	<1	0.19	5	17	2.98	328	1.3	0.02	46.5	900	5.9	45
1-25 + 345	1.10	<5	3	0.18	6	4	0.92	122	<0.5	0.04	50.6	1280	3.0	60
1-26 + 97	2.08	<5	<1	0.23	16	13	0.89	284	2.0	0.02	37.1	1900	9.2	55
1-26 + 199	3.41	<5	<1	0.39	11	11	1.47	234	2.6	0.02	25.2	2290	7.8	81
1-26 + 298	5.43	<5	<1	0.65	12	13	2.51	660	3.2	0.03	35.1	4790	7.1	212
1-26 + 401	4.48	<5	<1	0.48	14	15	1.92	487	1.5	0.03	27.3	2620	18.5	157
1-27 + 00	3.85	<5	<1	0.42	11	11	1.58	637	1.9	0.03	30.4	2220	7.8	101
1-27 + 302	2.27	<5	<1	0.26	10	12	0.87	669	<0.5	0.01	17.2	1230	8.8	78
JB-001	0.78	<5	<1	0.15	7	9	0.03	107	4.2	0.02	8.9	153	11.3	22
JB-002	0.84	<5	<1	0.19	5	10	0.02	68	4.8	0.01	9.0	230	4.7	22
105G11-003	0.53	<5	<1	0.04	1	3	<0.01	42	5.7	<0.01	8.5	27	<0.5	<10
RB11-01 32.5-34.5	14.6	<5	<1	0.13	<1	17	3.27	2200	4.2	<0.01	70.1	172	7.0	<10
RB11-01 34.5-35.5	14.5	<5	<1	0.07	<1	18	3.62	2970	<0.5	<0.01	86.6	135	3.6	<10
RB11-01 219-220	10.1	<5	<1	0.31	<1	11	2.93	1410	2.8	0.03	78.3	87	7.8	17
RB11-01 220-221	7.53	<5	<1	0.18	<1	16	4.23	1690	2.0	0.02	77.0	65	7.4	11
RB11-01 221-222	16.8	<5	<1	0.40	<1	13	3.51	1070	8.0	0.02	83.0	46	5.7	15
RB11-01 222-223	14.5	<5	<1	0.24	<1	18	4.91	1380	12.2	0.01	87.3	56	9.7	10
RB11-02 199.5-200.25	6.84	5	<1	1.56	<1	39	4.30	1900	2.0	0.03	53.6	145	10.0	159
RB11-02 200.25-201	6.21	9	<1	1.42	<1	43	4.54	2490	1.0	0.04	67.9	62	9.4	140
RB11-04 159.5-160.25	7.70	9	<1	0.76	<1	15	4.41	2030	2.5	0.04	25.1	234	7.8	60
RB11-04 160.25-161	7.62	9	<1	0.57	<1	15	4.48	2130	0.8	0.03	27.2	287	7.3	45
1-27 + 348	2.90	<5	<1	0.44	11	11	1.47	2090	0.9	0.03	23.7	1510	9.5	111

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
BM-002	0.010	<1	3.6	<10	<5	11.0	<10	<10	15	<0.01	<5	<5	40.2	<1
BM-003	0.019	<1	3.2	<10	<5	10.6	<10	<10	12	0.02	<5	<5	53.4	<1
105G11-001	0.133	<1	1.2	<10	<5	30.9	<10	<10	<5	0.01	<5	<5	34.3	<1
105G11-002	0.031	<1	2.0	<10	<5	26.8	<10	<10	7	0.01	<5	9	28.9	5
105G11-003	0.027	<1	2.8	<10	<5	23.4	<10	<10	10	0.01	<5	<5	29.2	<1
105G11-100	0.062	<1	8.2	<10	<5	75.7	<10	<10	6	0.12	5	<5	108	<1
105G11-101	0.066	<1	8.3	<10	<5	120	<10	<10	5	0.15	6	<5	307	<1
105G11-102	0.120	<1	8.0	<10	<5	83.4	<10	<10	<5	0.19	8	<5	161	<1
105G11-103	0.060	<1	8.3	<10	<5	159	<10	<10	<5	0.21	10	<5	706	<1
JB-001	0.014	<1	1.9	<10	<5	24.5	<10	<10	9	<0.01	<5	<5	23.1	6
JB-002	0.015	<1	2.4	<10	<5	28.4	<10	<10	13	<0.01	<5	<5	16.0	3
JB-003	0.014	<1	2.7	<10	<5	13.7	<10	<10	8	0.04	<5	<5	46.6	<1
JB-004	0.022	<1	2.1	<10	<5	12.5	<10	<10	6	0.05	<5	<5	47.5	<1
JB-005	0.044	<1	0.5	<10	<5	13.4	<10	<10	<5	<0.01	<5	<5	37.9	<1
JB-006	0.020	<1	2.5	<10	<5	8.2	<10	<10	15	<0.01	<5	<5	33.7	<1
JB-007	0.012	<1	2.1	<10	<5	10.5	<10	<10	11	<0.01	<5	<5	30.7	<1
JB-008	0.023	<1	1.0	<10	<5	11.2	<10	<10	8	<0.01	<5	<5	30.0	<1
JB-009	0.140	<1	<0.5	<10	<5	35.1	<10	<10	<5	<0.01	<5	<5	32.8	<1
JB-010	0.028	<1	<0.5	<10	<5	8.5	<10	<10	<5	<0.01	<5	<5	12.2	<1
JB-011	0.070	<1	<0.5	<10	<5	6.5	<10	<10	<5	<0.01	<5	<5	30.7	<1
JB-012	0.056	<1	<0.5	<10	<5	8.5	<10	<10	<5	<0.01	<5	<5	16.9	<1
KL 023	0.022	<1	3.8	<10	<5	21.2	<10	<10	9	0.05	<5	<5	59.7	<1
KL 024	0.056	<1	<0.5	<10	<5	7.5	<10	<10	<5	<0.01	<5	<5	6.4	<1
KL 025	0.032	<1	<0.5	<10	<5	13.0	<10	<10	<5	0.02	<5	<5	10.6	<1
KL 030	0.014	<1	<0.5	<10	<5	6.8	<10	<10	<5	0.01	<5	<5	17.0	<1
KL 031	0.032	<1	<0.5	<10	<5	14.6	<10	<10	<5	0.02	<5	<5	8.7	<1
KL 032	0.036	<1	<0.5	<10	<5	11.7	<10	<10	<5	0.01	<5	<5	12.4	<1
KL035	0.014	<1	<0.5	<10	<5	11.7	<10	<10	<5	0.03	<5	<5	14.0	<1
KL 036	<0.005	<1	<0.5	<10	<5	6.8	<10	<10	<5	0.01	<5	<5	9.1	<1
KL 037	0.009	<1	1.2	<10	<5	10.2	<10	<10	<5	0.05	<5	<5	43.9	<1
KL 038	0.010	<1	<0.5	<10	<5	7.9	<10	<10	<5	0.10	<5	<5	21.1	<1
KL 039	0.011	<1	<0.5	<10	<5	7.0	<10	<10	<5	0.01	<5	<5	9.8	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
KL 040	0.014	<1	<0.5	<10	<5	7.4	<10	<10	<5	<0.01	<5	<5	14.1	<1
KL 041	0.009	<1	<0.5	<10	<5	5.7	<10	<10	<5	<0.01	<5	<5	10.5	<1
KL 042	0.062	<1	<0.5	<10	<5	14.7	<10	<10	<5	0.02	<5	<5	36.0	<1
KL 043	0.029	<1	1.5	<10	<5	22.3	<10	<10	<5	0.03	<5	<5	30.0	<1
KL 044	0.005	<1	0.8	<10	<5	7.0	<10	<10	6	0.06	<5	<5	27.4	<1
KL 045	0.011	<1	1.0	<10	<5	10.1	<10	<10	<5	0.02	<5	<5	25.7	<1
KL 047	0.040	<1	<0.5	<10	<5	10.5	<10	<10	<5	0.02	<5	<5	20.4	<1
KL 048	0.009	<1	<0.5	<10	<5	11.8	<10	<10	<5	0.02	<5	<5	8.0	<1
KL 049	0.008	<1	<0.5	<10	<5	10.2	<10	<10	<5	<0.01	<5	<5	9.0	<1
KL 050	0.007	<1	4.3	<10	<5	21.5	<10	<10	13	0.10	<5	<5	49.2	4
KL 051	0.017	<1	1.0	<10	<5	22.6	<10	<10	<5	0.03	<5	<5	55.1	<1
KL 052	0.017	<1	3.1	<10	<5	22.2	<10	<10	8	0.05	<5	<5	49.5	<1
KL 053	0.025	<1	<0.5	<10	<5	12.9	<10	<10	<5	<0.01	<5	<5	9.7	<1
KL 054	0.005	<1	0.9	<10	<5	11.8	<10	<10	<5	0.07	<5	<5	25.5	<1
KL 055	0.006	<1	4.1	<10	<5	19.8	<10	<10	11	0.05	<5	<5	42.9	<1
KL 057	0.008	<1	2.4	<10	<5	16.4	<10	<10	12	0.09	<5	<5	49.4	<1
KL 058	0.011	<1	2.8	<10	<5	19.9	<10	<10	12	0.08	<5	<5	50.9	<1
KL 059	0.028	<1	1.6	<10	<5	12.0	<10	<10	<5	0.06	<5	<5	58.0	<1
KL 060	0.029	<1	2.0	<10	<5	15.0	<10	<10	6	0.07	<5	<5	54.1	<1
KL 061	0.020	<1	5.5	<10	<5	39.4	<10	<10	13	0.06	<5	<5	65.3	<1
KL 062	0.104	<1	7.7	<10	<5	59.2	<10	<10	13	0.08	5	9	92.0	<1
KL 063	0.157	<1	8.6	<10	<5	67.8	<10	<10	14	0.06	<5	15	90.7	<1
KL 064	0.085	<1	8.2	<10	<5	57.0	<10	<10	14	0.08	<5	8	95.1	<1
KL 065	0.156	<1	7.3	<10	<5	63.4	<10	<10	14	0.05	5	11	88.7	<1
KL 066	0.185	<1	7.0	<10	<5	74.2	<10	<10	11	0.05	<5	16	81.5	<1
KL 067	0.115	<1	7.7	<10	<5	60.3	<10	<10	14	0.07	<5	10	85.7	<1
KL 068	0.112	<1	7.4	<10	<5	57.5	<10	<10	12	0.07	<5	9	87.4	<1
KL 069	0.014	<1	3.8	<10	<5	22.1	<10	<10	10	0.08	<5	<5	57.8	<1
KL 070	0.017	<1	5.6	<10	<5	34.7	<10	<10	13	0.07	<5	<5	66.0	<1
KL 071	0.015	<1	5.9	<10	<5	35.2	<10	<10	14	0.07	<5	<5	68.3	<1
KL 072	0.016	<1	4.8	<10	<5	32.8	<10	<10	12	0.06	<5	<5	59.6	<1
KL 073	0.015	<1	5.4	<10	<5	44.8	<10	<10	11	0.07	<5	<5	62.2	<1

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
KL 074	0.077	<1	3.7	<10	<5	63.4	<10	<10	6	0.03	<5	<5	52.3	<1
KL 075	0.014	<1	5.3	<10	<5	37.9	<10	<10	13	0.06	<5	<5	62.2	<1
KL 076	0.083	<1	3.1	<10	<5	53.7	<10	<10	7	0.03	<5	<5	47.6	<1
KL 077	0.074	<1	3.5	<10	<5	52.0	<10	<10	5	0.02	<5	6	49.4	<1
KL 078	0.075	<1	3.4	<10	<5	51.9	<10	<10	6	0.03	<5	5	49.4	<1
KL 079	0.076	<1	3.6	<10	<5	55.7	<10	<10	6	0.02	<5	6	53.1	<1
KL 080	0.087	<1	3.3	<10	<5	59.9	<10	<10	7	0.02	<5	5	49.4	<1
KL 081	0.079	<1	3.3	<10	<5	55.3	<10	<10	6	0.02	<5	6	50.9	<1
KL 082	0.082	<1	3.0	<10	<5	55.2	<10	<10	<5	0.02	<5	6	46.6	<1
KL 083	0.075	<1	3.3	<10	<5	54.3	<10	<10	<5	0.02	<5	5	49.9	<1
KL 084	0.093	<1	3.7	<10	<5	66.8	<10	<10	5	0.03	<5	5	53.6	<1
KL 085	0.019	<1	<0.5	<10	<5	27.5	<10	<10	<5	0.02	<5	<5	28.0	<1
KL 086	0.017	<1	<0.5	<10	<5	23.3	<10	<10	<5	0.01	<5	<5	21.3	<1
KL 087	0.016	<1	<0.5	<10	<5	23.9	<10	<10	<5	0.02	<5	<5	21.0	<1
KL 088	0.018	<1	0.5	<10	<5	25.5	<10	<10	<5	0.02	<5	<5	24.7	<1
KL 089	0.014	<1	<0.5	<10	<5	22.7	<10	<10	<5	0.02	<5	<5	22.2	<1
KL 090	0.013	<1	0.9	<10	<5	26.0	<10	<10	<5	0.03	<5	<5	32.9	<1
KL 091	0.013	<1	<0.5	<10	<5	21.3	<10	<10	<5	0.02	<5	<5	21.5	<1
KL 092	0.015	<1	<0.5	<10	<5	24.8	<10	<10	<5	0.02	<5	<5	26.5	<1
KL 097	0.006	<1	4.8	<10	<5	22.3	<10	<10	12	0.09	<5	<5	52.4	<1
KL 098	0.065	<1	4.1	<10	<5	38.5	<10	<10	<5	0.10	<5	<5	58.9	<1
KL 099	0.071	<1	10.2	<10	<5	67.5	<10	<10	5	0.22	9	<5	120	<1
KL 100	0.006	<1	1.8	<10	<5	12.4	<10	<10	<5	0.08	<5	<5	46.2	<1
KL 101	0.019	<1	<0.5	<10	<5	23.3	<10	<10	<5	0.04	<5	<5	49.8	<1
KL 103	0.017	<1	7.2	<10	<5	78.2	<10	<10	8	0.19	7	<5	84.5	<1
KL 105	0.013	<1	2.9	<10	<5	40.0	<10	<10	<5	0.04	<5	<5	43.0	<1
KL 106	0.014	<1	3.0	<10	<5	29.0	<10	<10	<5	0.11	<5	<5	65.4	<1
KL 107	0.033	<1	1.0	<10	<5	30.5	<10	<10	<5	0.05	<5	<5	53.7	<1
KL 108	0.129	<1	7.2	<10	<5	70.7	<10	<10	8	0.10	5	<5	90.7	<1
KL 109	0.151	<1	5.6	<10	<5	45.9	<10	<10	<5	0.05	<5	<5	68.5	<1
KL 110	0.018	<1	3.9	<10	<5	40.8	<10	<10	<5	0.12	<5	<5	67.7	<1
KL 111	0.081	<1	1.2	<10	<5	32.1	<10	<10	<5	0.02	<5	<5	21.6	<1

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ATTENTION TO: BRANDON MACDONALD

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DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
KL 112	0.173	<1	10.0	<10	<5	139	<10	<10	<5	0.23	9	<5	169	<1
KL 113	0.011	<1	0.6	<10	<5	12.8	<10	<10	<5	0.04	<5	<5	47.9	<1
KL 114	0.069	<1	4.4	<10	<5	60.0	<10	<10	<5	0.09	<5	<5	51.8	<1
KL 115	0.110	<1	5.6	<10	<5	60.0	<10	<10	<5	0.07	<5	<5	64.3	<1
KL 116	0.014	<1	2.3	<10	<5	20.5	<10	<10	5	0.07	<5	<5	39.1	<1
KL 117	0.007	<1	<0.5	<10	<5	8.8	<10	<10	<5	0.02	<5	<5	13.5	<1
KL 118	0.012	<1	<0.5	<10	<5	16.0	<10	<10	<5	0.02	<5	<5	5.4	<1
KL 119	0.107	<1	4.4	<10	<5	70.8	<10	<10	7	0.06	<5	<5	61.9	<1
KL 120	0.015	<1	1.6	<10	<5	20.1	<10	<10	<5	0.09	<5	<5	75.8	<1
KL 122	0.083	<1	2.2	<10	<5	36.6	<10	<10	<5	0.05	<5	<5	63.1	<1
KL 123	0.176	<1	9.2	<10	<5	146	<10	<10	<5	0.27	10	<5	227	<1
KL 124	0.071	<1	6.2	<10	<5	74.5	<10	<10	7	0.13	5	<5	121	<1
KL 125	0.065	<1	8.0	<10	<5	77.0	<10	<10	<5	0.13	6	<5	88.4	<1
KL 126	0.042	<1	7.4	<10	<5	92.9	<10	<10	5	0.16	7	<5	128	<1
KL 127	0.085	<1	11.7	<10	<5	94.8	<10	<10	6	0.21	8	<5	198	<1
KL 128	0.011	<1	2.4	<10	<5	24.4	<10	<10	6	0.11	<5	<5	80.4	<1
KL 129	0.128	<1	3.5	<10	<5	51.1	<10	<10	<5	0.07	<5	<5	76.8	<1
KL 130	0.296	3	2.0	<10	<5	133	<10	<10	<5	<0.01	<5	<5	17.0	<1
KL 131	0.044	<1	2.3	<10	<5	23.1	<10	<10	<5	0.06	<5	<5	44.1	<1
KL 132	0.016	<1	2.6	<10	<5	17.2	<10	<10	<5	0.10	<5	<5	55.4	<1
KL 133	0.015	<1	0.8	<10	<5	13.5	<10	<10	<5	0.05	<5	<5	35.8	<1
KL 135	0.078	<1	8.8	<10	<5	106	<10	<10	<5	0.21	9	<5	289	<1
PE 209 + 0.10	0.016	<1	6.4	<10	<5	35.7	<10	<10	<5	0.41	14	<5	141	<1
PE 209 + 0.20	0.132	<1	6.5	<10	<5	48.1	<10	<10	6	0.03	<5	<5	62.0	<1
PE 210	0.040	<1	2.7	<10	<5	80.6	<10	<10	6	0.36	13	<5	79.7	<1
PE 210 + 0.10	0.022	<1	2.4	<10	<5	59.1	<10	<10	5	0.08	<5	<5	56.0	<1
PE 210 + 0.20	0.016	<1	4.4	<10	<5	28.8	<10	<10	9	0.06	<5	<5	90.8	<1
PE 210 + .303	0.029	<1	2.1	<10	<5	15.4	<10	<10	6	0.01	<5	<5	57.8	<1
PE 210 + 1.00	0.010	<1	5.1	<10	<5	17.7	<10	<10	12	0.04	<5	<5	65.8	<1
PE 211	<0.005	<1	6.0	<10	<5	26.9	<10	<10	14	0.06	<5	<5	56.6	<1
PE 211 + 0.10	0.026	<1	1.1	<10	<5	17.0	<10	<10	<5	0.02	<5	<5	45.6	<1
PE 211 + 0.20	0.615	3	1.9	<10	<5	134	<10	<10	<5	0.02	<5	<5	12.7	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
PE 211 + 292	0.265	2	0.5	<10	<5	78.7	<10	<10	<5	0.02	<5	<5	6.8	<1
PE 212	0.029	<1	<0.5	<10	<5	20.1	<10	<10	<5	0.03	<5	<5	7.2	<1
PE 212 + 0.10	0.037	<1	4.8	<10	<5	48.0	<10	<10	8	0.05	<5	<5	49.5	<1
PE 212 + 110	0.297	<1	5.1	<10	<5	115	<10	<10	8	0.02	<5	11	47.2	<1
PE 212 + 299	0.025	<1	3.7	<10	<5	42.6	<10	<10	10	0.07	<5	<5	42.1	<1
PE 212 + 495	0.010	<1	5.7	<10	<5	36.2	<10	<10	12	0.08	<5	<5	53.7	<1
PE 213	<0.005	<1	3.7	<10	<5	22.4	<10	<10	13	0.07	<5	<5	43.2	<1
PE 213 + 100	0.080	<1	2.1	<10	<5	55.7	<10	<10	<5	0.03	<5	<5	34.1	<1
PE 213 + 305	0.023	<1	2.6	<10	<5	25.8	<10	<10	5	0.04	<5	<5	37.1	<1
PE 214	0.098	<1	3.4	<10	<5	102	<10	<10	6	0.04	<5	<5	34.8	<1
PE CRK. SMAWK 5M@214	0.111	<1	3.8	<10	<5	89.4	<10	<10	9	0.07	<5	<5	37.6	<1
PE 215	0.042	<1	8.4	<10	<5	147	<10	<10	14	0.14	7	<5	68.7	<1
PE 216	0.119	<1	4.1	<10	<5	188	<10	<10	<5	0.06	<5	<5	51.3	<1
PE 217	0.018	<1	1.4	<10	<5	24.8	<10	<10	6	0.06	<5	<5	37.6	6
PE 218	0.008	<1	1.6	<10	<5	6.8	<10	<10	8	0.06	<5	<5	40.7	2
PE 219	0.023	<1	3.4	<10	<5	15.1	<10	<10	7	0.10	<5	<5	60.1	8
PE 220	0.028	<1	2.0	<10	<5	17.1	<10	<10	<5	0.02	<5	<5	44.4	<1
MER 1.27 4000	0.119	<1	8.0	<10	<5	57.8	<10	<10	<5	0.11	6	<5	128	<1
MER 1.27 4108	0.076	<1	5.1	<10	<5	58.8	<10	<10	5	0.12	6	<5	79.9	<1
MER 1.28 4209	0.011	<1	2.4	<10	<5	25.2	<10	<10	5	0.08	<5	<5	37.5	<1
MER 1.28 4307	0.133	<1	4.7	<10	<5	73.1	<10	<10	<5	0.16	7	<5	123	<1
MER 1.28 4405	0.054	<1	1.0	<10	<5	20.4	<10	<10	<5	0.02	<5	<5	14.9	<1
MER 1.28 4502	0.007	<1	2.2	<10	<5	14.3	<10	<10	7	0.07	<5	<5	39.4	<1
MER 1.28 4600	<0.005	<1	1.4	<10	<5	9.5	<10	<10	5	0.07	<5	<5	36.7	<1
MER 1.28 4706	0.007	<1	3.6	<10	<5	15.9	<10	<10	9	0.09	<5	<5	64.2	<1
MER 1.29 4801	0.005	<1	<0.5	<10	<5	10.6	<10	<10	<5	0.01	<5	<5	6.2	<1
MER 1.29 4900	0.014	<1	1.9	<10	<5	17.1	<10	<10	<5	0.06	<5	<5	58.3	<1
MER 1.29 5100	0.029	<1	<0.5	<10	<5	22.7	<10	<10	<5	0.02	<5	<5	11.2	<1
MER 1.30 5200	0.030	<1	1.7	<10	<5	16.2	<10	<10	<5	0.04	<5	<5	32.9	<1
MER 1.30 5300	0.343	3	0.8	<10	<5	123	<10	<10	<5	0.01	<5	<5	10.4	<1
MER 1.30 5400	0.163	2	<0.5	<10	<5	67.7	<10	<10	<5	0.02	<5	<5	8.8	<1
MER 1.30 5500	0.028	<1	4.3	<10	<5	33.1	<10	<10	10	0.07	<5	<5	51.9	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
MER 1.30 5600	0.010	<1	<0.5	<10	<5	10.2	<10	<10	<5	0.02	<5	<5	19.2	<1
MER 1.31 5700	0.055	<1	2.1	<10	<5	28.8	<10	<10	<5	0.03	<5	<5	34.4	<1
MER 1.31 5801	0.169	2	1.1	<10	<5	72.7	<10	<10	<5	0.02	<5	<5	23.2	<1
MER 1.31 5900	0.153	<1	1.4	<10	<5	40.0	<10	<10	<5	0.03	<5	<5	22.3	<1
MER 1.31 6000	0.018	<1	<0.5	<10	<5	15.5	<10	<10	<5	0.02	<5	<5	9.1	<1
MER 1.32 6100	0.131	2	0.8	<10	<5	59.7	<10	<10	<5	0.02	<5	6	15.1	<1
MER 1.32 6200	0.248	2	1.6	<10	<5	133	<10	<10	<5	0.02	<5	29	20.5	<1
MER 1.32 6300	0.242	3	<0.5	<10	<5	117	<10	<10	<5	<0.01	<5	<5	2.5	<1
MER 1.32 6400	0.193	2	<0.5	<10	<5	79.3	<10	<10	<5	0.02	<5	7	12.8	<1
MER 1.32 6500	0.435	3	0.8	<10	<5	158	<10	<10	<5	<0.01	<5	10	13.4	<1
MER 1.33 6600	0.401	4	0.8	<10	<5	182	<10	<10	<5	<0.01	<5	10	11.3	<1
MER 1.33 6700	0.220	2	<0.5	<10	<5	84.7	<10	<10	<5	0.01	<5	<5	6.9	<1
MER 1.33 6800	0.434	4	0.6	<10	<5	198	<10	<10	<5	<0.01	<5	7	4.5	<1
MER 1.33 6901	0.484	2	1.4	<10	<5	107	<10	<10	<5	0.01	<5	18	23.3	<1
MER 3.01 2506	0.211	3	0.5	<10	<5	191	<10	<10	<5	0.02	<5	<5	6.1	<1
MER 3.02 2606	0.169	3	<0.5	<10	<5	250	<10	<10	<5	0.01	<5	<5	4.8	<1
MER 3.02 2703	0.253	4	<0.5	<10	<5	295	<10	<10	<5	<0.01	<5	<5	5.4	<1
MER 3.02 2807	0.068	1	<0.5	<10	<5	73.3	<10	<10	<5	0.02	<5	<5	7.8	<1
MER 3.02 2903	0.065	<1	3.5	<10	<5	79.0	<10	<10	<5	0.03	<5	<5	40.9	<1
MER 3.02 3003	0.069	<1	3.3	<10	<5	63.0	<10	<10	5	0.04	<5	<5	42.9	<1
MER 3.03 3104	0.037	<1	<0.5	<10	<5	26.6	<10	<10	<5	0.02	<5	<5	8.6	<1
MER 3.03 3205	0.009	<1	1.8	<10	<5	13.9	<10	<10	<5	0.02	<5	<5	42.8	<1
MER 3.03 3305	0.010	<1	2.6	<10	<5	10.1	<10	<10	8	0.02	<5	<5	54.2	<1
MER 3.03 3404	0.030	<1	1.0	<10	<5	16.4	<10	<10	<5	0.02	<5	<5	53.3	<1
MER 3.04 3505	0.118	<1	7.0	<10	<5	310	<10	<10	9	0.09	<5	<5	45.4	<1
MER 3.04 3603	0.155	<1	6.4	<10	<5	308	<10	<10	7	0.13	6	<5	49.9	<1
MER 3.04 3704	0.039	<1	1.4	<10	<5	90.3	<10	<10	<5	0.05	<5	<5	22.1	<1
MER 3.04 3805	0.056	<1	9.5	<10	<5	477	<10	<10	15	0.20	10	<5	57.1	<1
MER 3.04 3905	0.062	<1	9.6	<10	<5	315	<10	<10	12	0.20	9	<5	57.0	<1
MER 3.05 4004	0.029	<1	2.7	<10	<5	49.7	<10	<10	7	0.04	<5	<5	47.9	<1
MER 3.05 4102	0.025	<1	3.5	<10	<5	32.5	<10	<10	7	0.05	<5	<5	54.1	<1
MER 3.05 4203	0.074	<1	3.9	<10	<5	78.4	<10	<10	6	0.03	<5	<5	38.0	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
MER 3.05 4307	0.006	<1	<0.5	<10	<5	10.4	<10	<10	<5	0.01	<5	<5	8.7	<1
MER 3.06 4406	0.108	<1	6.3	<10	<5	105	<10	<10	9	0.02	<5	<5	48.9	<1
MER 3.06 4504	0.118	2	0.8	<10	<5	89.1	<10	<10	<5	0.02	<5	<5	9.8	<1
MER 3.06 4604	0.017	<1	<0.5	<10	<5	24.0	<10	<10	<5	0.02	<5	<5	13.8	<1
MER 3.06 4704	0.024	<1	6.5	<10	<5	34.7	<10	<10	15	0.05	<5	<5	57.9	<1
MER 3.06 4805	0.273	3	0.9	<10	<5	160	<10	<10	<5	0.02	<5	<5	14.4	<1
MER 3.07 4903	0.051	<1	5.7	<10	<5	122	<10	<10	9	0.08	<5	<5	58.6	<1
MER 3.07 5004	0.020	<1	2.1	<10	<5	12.7	<10	<10	<5	0.05	<5	<5	65.6	<1
MER 3.07 5199	0.369	3	1.8	<10	<5	280	<10	<10	<5	<0.01	<5	10	6.6	<1
MER 3.07 5204	0.070	<1	2.0	<10	<5	76.3	<10	<10	<5	0.03	<5	<5	48.7	<1
MER 3.11 0386894	0.019	<1	1.7	<10	<5	11.9	<10	<10	<5	0.05	<5	<5	45.8	2
MER 3.11 0386996	0.083	2	1.0	<10	<5	66.7	<10	<10	<5	0.01	<5	14	5.0	<1
MER 3.12 0387093	0.015	<1	3.0	<10	<5	20.1	<10	<10	<5	0.04	<5	<5	46.5	<1
MER 3.12 0387194	0.438	1	6.1	<10	<5	147	<10	<10	<5	0.01	<5	39	17.1	<1
MER 3.12 0387294	0.017	<1	<0.5	<10	<5	8.2	<10	<10	<5	0.01	<5	<5	10.0	<1
MER 3.12 0387395	0.211	<1	2.0	<10	<5	130	<10	<10	<5	0.01	<5	62	19.7	<1
MER 3.12 0387496	0.341	2	<0.5	<10	<5	252	<10	<10	<5	<0.01	<5	<5	6.5	<1
MER 3.13 0387596	0.035	<1	2.2	<10	<5	36.0	<10	<10	<5	0.05	<5	<5	35.4	<1
MER 3.13 0387693	0.019	<1	<0.5	<10	<5	6.9	<10	<10	<5	<0.01	<5	<5	10.0	<1
MER 3.13 0387798	0.009	<1	3.5	<10	<5	20.0	<10	<10	<5	0.08	<5	<5	49.3	<1
MER 3.13 0387894	0.013	<1	<0.5	<10	<5	6.9	<10	<10	<5	<0.01	<5	<5	9.0	<1
MER 3.13 0387995	0.340	<1	<0.5	<10	<5	31.4	<10	<10	<5	<0.01	<5	60	15.7	<1
MER 3.13 0388095	0.014	<1	3.4	<10	<5	15.4	<10	<10	<5	0.06	<5	<5	51.7	<1
MER 3.14 0388193	0.227	<1	4.1	<10	<5	99.9	<10	<10	7	0.02	19	11	27.8	<1
MER 3.14 0388291	0.032	<1	<0.5	<10	<5	19.0	<10	<10	<5	0.01	<5	<5	3.6	<1
MER 3.14 0388393	0.218	1	2.5	<10	<5	213	<10	<10	<5	0.04	<5	<5	34.0	<1
MER 3.15 0388495	0.182	<1	3.1	<10	<5	167	<10	<10	<5	0.04	<5	38	48.4	<1
MER 3.15 0388592	0.037	<1	9.0	<10	<5	162	<10	<10	9	0.13	6	<5	72.4	2
MER 3.15 0388696	0.352	<1	7.1	<10	<5	167	<10	<10	<5	0.03	<5	13	44.7	16
MER 3.15 0388793	0.068	<1	4.6	<10	<5	58.9	<10	<10	<5	0.03	<5	<5	51.6	29
MER 3.15 0388895	0.197	<1	2.9	<10	<5	77.3	<10	<10	<5	<0.01	<5	15	30.4	4
MER 3.16 0388996	0.049	<1	4.9	<10	<5	34.7	<10	<10	11	<0.01	<5	<5	32.8	28

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AGAT WORK ORDER: 11Y507043

PROJECT NO:

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ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
MER 3.16 0389094	0.039	<1	<0.5	<10	<5	2.9	<10	<10	<5	0.02	<5	<5	32.6	1
MER 3.16 0389194	0.012	<1	1.1	<10	<5	9.4	<10	<10	7	0.03	<5	<5	26.8	3
MER 3.16 0389295	0.027	<1	3.3	<10	<5	31.6	<10	<10	5	0.07	<5	<5	56.1	9
MER 3.17 0389393	0.148	<1	6.8	<10	<5	45.9	<10	<10	12	<0.01	<5	40	49.8	5
MER 3.17 0389491	0.027	<1	1.8	<10	<5	9.1	<10	<10	<5	0.06	<5	<5	47.7	10
MER 3.17 0389594	0.014	<1	2.6	<10	<5	6.8	<10	<10	9	0.06	<5	<5	41.6	16
MER 3.17 0389696	0.406	<1	0.9	<10	<5	91.3	<10	<10	11	<0.01	<5	161	9.8	<1
MER 3.18 0389794	0.180	<1	1.6	<10	<5	39.3	<10	<10	<5	0.02	<5	36	48.5	4
MER 3.18 0389892	0.141	1	1.6	<10	<5	40.3	<10	<10	<5	<0.01	<5	16	25.1	2
MER 3.18 0389993	0.132	1	2.3	<10	<5	49.7	<10	<10	<5	<0.01	<5	24	29.6	9
MER 3.18 0390094	0.040	<1	1.1	<10	<5	9.7	<10	<10	<5	<0.01	<5	<5	22.2	5
MER 3.18 0390189	0.088	<1	<0.5	<10	<5	9.1	<10	<10	<5	0.01	<5	<5	23.4	14
MER 3.19 0390295	0.142	<1	2.8	<10	<5	35.3	<10	<10	<5	<0.01	<5	<5	47.9	<1
MER 3.19 0390394	0.025	<1	4.9	<10	<5	34.3	<10	<10	9	0.01	<5	<5	37.4	<1
MER 3.19 0390498	0.152	<1	2.2	<10	<5	13.8	<10	<10	<5	0.03	<5	<5	50.0	<1
MER 3.19 0390594	0.039	<1	3.0	<10	<5	15.2	<10	<10	<5	0.04	<5	<5	57.2	<1
MER 3.20 0390697	0.036	<1	10.4	<10	<5	19.5	<10	<10	<5	0.02	<5	<5	98.5	<1
MER 5.07 5051	0.010	<1	4.3	<10	<5	36.5	<10	<10	<5	0.05	<5	<5	46.8	<1
MER 5.07 5150	0.068	<1	0.7	<10	<5	23.9	<10	<10	<5	0.03	<5	8	13.9	<1
MER 5.07 5259	0.082	<1	0.8	<10	<5	14.9	<10	<10	<5	0.02	<5	23	8.1	<1
MER 5.08 5354	0.012	<1	<0.5	<10	<5	6.1	<10	<10	<5	0.01	<5	<5	12.9	<1
MER 5.08 5451	0.009	<1	2.3	<10	<5	13.4	<10	<10	15	0.05	<5	<5	30.7	<1
MER 5.08 5550	0.010	<1	2.5	<10	<5	14.3	<10	<10	12	0.06	<5	<5	32.5	<1
MER 5.08 5651	0.028	<1	<0.5	<10	<5	18.2	<10	<10	<5	0.04	<5	<5	15.1	<1
MER 5.09 5752	0.153	<1	0.7	<10	<5	22.9	<10	<10	<5	0.02	<5	25	22.0	<1
MER 5.09 5850	0.013	<1	3.8	<10	<5	36.0	<10	<10	8	0.06	<5	<5	48.5	<1
MER 5.09 5950	0.043	<1	<0.5	<10	<5	13.5	<10	<10	<5	0.02	<5	<5	14.0	<1
MER 5.09 6050	0.008	<1	4.0	<10	<5	20.4	<10	<10	13	0.09	<5	<5	40.8	2
MER 5.09 6151	0.011	<1	3.9	<10	<5	18.0	<10	<10	7	0.08	<5	<5	53.2	<1
MER 5.10 6351	0.014	<1	2.8	<10	<5	15.9	<10	<10	6	0.06	<5	<5	47.5	<1
MER 5.10 6451	0.021	<1	2.4	<10	<5	17.0	<10	<10	<5	0.06	<5	<5	43.1	<1
MER 5.10 6550	0.016	<1	3.3	<10	<5	13.6	<10	<10	<5	0.07	<5	<5	55.7	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
MER 5.11 6651	0.023	<1	3.1	<10	<5	19.7	<10	<10	6	0.05	<5	<5	49.3	<1
MER 5.11 6750	0.011	<1	3.0	<10	<5	16.7	<10	<10	9	0.06	<5	<5	46.6	<1
MER 5.11 6850	0.037	<1	0.8	<10	<5	7.6	<10	<10	<5	0.04	<5	<5	46.0	<1
MER 5.11 6951	0.010	<1	2.5	<10	<5	10.4	<10	<10	8	0.04	<5	<5	44.3	<1
MER 5.11 7049	0.021	<1	2.3	<10	<5	16.9	<10	<10	<5	0.04	<5	<5	47.7	<1
MER 5.12 7151	0.118	<1	1.7	<10	<5	31.5	<10	<10	<5	0.01	<5	15	31.7	<1
MER 5.12 7250	0.046	<1	0.7	<10	<5	21.9	<10	<10	<5	0.03	<5	<5	28.0	<1
MER 5.12 7350	0.034	<1	<0.5	<10	<5	14.5	<10	<10	<5	0.02	<5	7	7.3	<1
MER 5.12 7450	0.017	<1	<0.5	<10	<5	8.1	<10	<10	<5	0.02	<5	<5	13.0	<1
1-06	0.020	<1	4.0	<10	<5	10.5	<10	<10	<5	0.02	<5	<5	74.5	<1
1-06 + 100	0.009	<1	4.4	<10	<5	11.1	<10	<10	<5	0.03	<5	<5	56.9	<1
1-06 + 200	0.161	<1	2.1	<10	<5	24.9	<10	<10	<5	<0.01	<5	<5	42.6	<1
1-06 + 300	0.007	<1	8.7	<10	<5	14.1	<10	<10	15	0.07	<5	<5	53.9	<1
1-06 + 400	0.037	<1	6.6	<10	<5	18.9	<10	<10	10	<0.01	<5	<5	44.3	<1
1-07	0.058	<1	2.3	<10	<5	14.7	<10	<10	<5	0.02	<5	<5	35.4	<1
1-07 + 50 4902	0.008	<1	6.2	<10	<5	11.6	<10	<10	16	<0.01	<5	<5	40.1	<1
1-07 LOC.5002	0.041	<1	0.8	<10	<5	13.4	<10	<10	<5	0.02	<5	<5	55.1	<1
1-07 + 5101	0.010	<1	7.5	<10	<5	18.1	<10	<10	7	0.03	<5	<5	70.5	<1
1-07 + 5200	0.022	<1	6.8	<10	<5	21.4	<10	<10	7	0.02	<5	<5	65.2	<1
1-07 + 5300	0.237	1	3.0	<10	<5	60.9	<10	<10	<5	0.01	<5	<5	34.4	<1
1-07 + 5401	0.139	<1	10.0	<10	<5	32.7	<10	<10	6	<0.01	<5	<5	41.6	<1
1-07 + 5501	0.167	<1	5.9	<10	<5	83.7	<10	<10	<5	<0.01	<5	<5	47.3	<1
1-07 + 5600	0.043	<1	8.1	<10	<5	28.1	<10	<10	7	<0.01	<5	<5	72.7	<1
1-07 + 5701	0.121	<1	1.8	<10	<5	35.7	<10	<10	<5	<0.01	<5	<5	34.7	<1
1-07 + 5803	0.161	<1	4.1	<10	<5	73.4	<10	<10	<5	<0.01	<5	<5	54.6	<1
1-08	0.181	<1	6.7	<10	<5	60.0	<10	<10	<5	<0.01	<5	<5	52.8	<1
1-08 5903	0.014	<1	6.0	<10	<5	17.6	<10	<10	13	<0.01	<5	<5	51.5	<1
1-09	0.037	<1	6.8	<10	<5	25.4	<10	<10	5	<0.01	<5	<5	61.8	<1
1-09 + 100 5871	0.040	<1	5.0	<10	<5	23.9	<10	<10	5	<0.01	<5	<5	50.9	<1
1-09 + 0.13 5987	0.010	<1	7.1	<10	<5	18.4	<10	<10	11	<0.01	<5	<5	65.1	<1
1-09 + 6110	0.012	<1	3.3	<10	<5	10.6	<10	<10	13	<0.01	<5	<5	31.2	<1
1-10 6199	0.016	<1	4.9	<10	<5	30.6	<10	<10	7	0.02	<5	<5	54.4	<1

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
1-11	0.047	<1	6.3	<10	<5	27.9	<10	<10	<5	0.01	<5	<5	67.6	<1
1-11 TO STATION 108	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss	nss
1-11 + 6801	0.030	<1	5.1	<10	<5	31.8	<10	<10	<5	0.02	<5	<5	62.5	<1
1-11 + 6936	0.022	<1	8.0	<10	<5	50.3	<10	<10	5	0.04	<5	<5	84.7	<1
1-11 + 7021	0.012	<1	7.2	<10	<5	26.0	<10	<10	7	0.02	<5	<5	72.6	<1
1-12	0.023	<1	<0.5	<10	<5	11.8	<10	<10	<5	0.02	<5	<5	9.3	<1
1-13	0.010	<1	5.3	<10	<5	27.2	<10	<10	<5	0.02	<5	<5	66.4	<1
1-13 + 50	0.031	<1	1.0	<10	<5	9.7	<10	<10	<5	0.01	<5	<5	29.0	<1
1-13 + 150	0.011	<1	6.1	<10	<5	24.5	<10	<10	8	0.04	<5	<5	65.3	<1
1-13 + 251	0.008	<1	5.1	<10	<5	19.4	<10	<10	7	0.03	<5	<5	61.1	<1
1-13 + 349	0.013	<1	4.2	<10	<5	19.7	<10	<10	<5	0.03	<5	<5	62.8	<1
1-14 + 99	0.020	<1	<0.5	<10	<5	6.2	<10	<10	<5	0.01	<5	<5	20.1	<1
1-14 + 197	0.007	<1	3.1	<10	<5	16.8	<10	<10	<5	0.03	<5	<5	47.9	<1
1-14 + 297	0.013	<1	3.8	<10	<5	20.5	<10	<10	<5	0.03	<5	<5	54.1	<1
1-14 + 400	0.048	<1	3.5	<10	<5	20.8	<10	<10	<5	0.02	<5	<5	55.7	<1
1-15 + 00	0.008	<1	2.4	<10	<5	17.0	<10	<10	<5	0.04	<5	<5	35.9	<1
1-15 + 51	0.031	<1	3.4	<10	<5	41.4	<10	<10	6	0.01	<5	<5	42.7	<1
1-15 + 149	0.218	<1	0.6	<10	<5	170	<10	<10	16	<0.01	<5	<5	9.2	<1
1-15 + 248	0.030	<1	3.7	<10	<5	29.3	<10	<10	<5	0.02	<5	<5	51.4	<1
1-15 + 349	0.023	<1	4.4	<10	<5	30.1	<10	<10	<5	0.02	<5	<5	54.2	<1
1-16 + 00	0.035	<1	4.1	<10	<5	44.8	<10	<10	<5	0.03	<5	6	56.9	<1
1-16 + 400	0.580	3	2.0	<10	<5	102	<10	<10	8	0.02	<5	98	29.4	<1
1-17 + 50	0.019	<1	5.6	<10	<5	33.7	<10	<10	<5	0.11	<5	<5	61.5	12
1-17 + 100	0.071	<1	2.5	<10	<5	31.9	<10	<10	<5	0.03	<5	<5	45.5	<1
1-17 + 149	0.009	<1	3.3	<10	<5	21.6	<10	<10	<5	0.08	<5	<5	41.5	4
1-17 + 198	0.100	<1	4.2	<10	<5	72.9	<10	<10	<5	0.02	<5	<5	47.3	<1
1-17 + 248	0.056	<1	4.3	<10	<5	59.2	<10	<10	<5	0.04	<5	32	39.0	<1
1-17 + 302	0.188	<1	2.8	<10	<5	117	<10	<10	<5	0.03	<5	<5	31.1	<1
1-17 + 348	0.015	<1	<0.5	<10	<5	5.4	<10	<10	<5	0.01	<5	<5	9.0	<1
1-18 + 49	0.013	<1	1.8	<10	<5	11.9	<10	<10	<5	0.06	<5	<5	45.9	2
1-18 + 149	0.020	<1	<0.5	<10	<5	11.0	<10	<10	<5	0.02	<5	<5	19.6	<1
1-18 + 251	0.012	<1	3.0	<10	<5	35.0	<10	<10	<5	0.12	<5	<5	50.5	61

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
1-18 + 298	0.089	<1	9.1	<10	<5	116	<10	<10	15	0.02	<5	108	65.2	11
1-18 + 398	0.044	<1	3.6	<10	<5	33.7	<10	<10	<5	0.06	<5	8	55.0	15
1-19 + 101	0.010	<1	4.6	<10	<5	17.8	<10	<10	8	0.07	<5	<5	63.7	<1
1-19 + 200	0.020	<1	4.3	<10	<5	19.7	<10	<10	5	0.11	<5	<5	58.1	1
1-19 + 300	0.027	<1	4.0	<10	<5	17.9	<10	<10	6	0.11	<5	<5	50.2	8
1-19 + 399	0.013	<1	3.1	<10	<5	11.3	<10	<10	<5	0.12	<5	<5	73.3	17
1-20 + 00	0.016	<1	1.2	<10	<5	16.0	<10	<10	<5	0.06	<5	<5	49.7	<1
1-20 + 51	0.024	<1	3.7	<10	<5	17.5	<10	<10	5	0.06	<5	<5	59.1	1
1-20 + 149	0.014	<1	3.0	<10	<5	20.9	<10	<10	<5	0.05	<5	<5	54.2	<1
1-20 + 250	0.033	<1	5.8	<10	5	16.9	<10	<10	6	0.18	6	<5	70.5	<1
1-20 + 348	0.008	<1	3.9	<10	<5	19.7	<10	<10	<5	0.10	<5	<5	56.1	<1
1-21 + 99	0.056	<1	2.6	<10	<5	13.4	<10	<10	<5	0.06	<5	<5	63.4	6
1-21 + 200	0.032	<1	4.4	<10	<5	23.8	<10	<10	6	0.09	<5	<5	61.5	<1
1-21 + 300	0.033	<1	4.9	<10	<5	20.3	<10	<10	5	0.06	<5	<5	74.6	<1
1-21 + 403	0.028	<1	2.6	<10	<5	11.9	<10	<10	6	0.05	<5	<5	60.1	2
1-22 + 00	0.027	<1	1.3	<10	<5	7.8	<10	<10	<5	0.04	<5	<5	45.1	<1
1-22 + 49	0.017	<1	2.7	<10	<5	15.4	<10	<10	<5	0.06	<5	<5	57.3	<1
1-22 + 146	0.011	<1	<0.5	<10	<5	9.8	<10	<10	<5	0.01	<5	<5	11.0	<1
1-22 + 250	0.018	<1	3.1	<10	<5	13.1	<10	<10	<5	0.07	<5	<5	61.6	<1
1-22 + 350	0.034	<1	2.1	<10	<5	10.8	<10	<10	<5	0.04	<5	<5	45.1	<1
1-23 + 100	0.065	<1	1.9	<10	<5	22.7	<10	<10	<5	0.04	<5	<5	61.3	<1
1-23 + 199	0.274	<1	0.8	<10	<5	39.3	<10	<10	<5	0.02	<5	<5	31.0	<1
1-23 + 299	0.011	<1	2.6	<10	<5	14.8	<10	<10	<5	0.05	<5	<5	52.1	<1
1-23 + 349	0.059	<1	0.7	<10	<5	12.6	<10	<10	<5	0.02	<5	<5	54.3	<1
1-23 + 400	0.028	<1	2.4	<10	<5	17.2	<10	<10	<5	0.04	<5	<5	50.5	<1
1-24 + 00	0.011	<1	2.2	<10	<5	11.0	<10	<10	<5	0.07	<5	<5	56.1	<1
1-24 + 99	0.130	<1	5.6	<10	<5	81.8	<10	<10	<5	0.13	<5	<5	82.1	<1
1-24 + 249	0.063	<1	3.6	<10	<5	35.6	<10	<10	<5	0.05	<5	<5	53.6	<1
1-24 + 388	0.021	<1	3.2	<10	<5	32.5	<10	<10	<5	0.06	<5	<5	54.9	<1
1-25 + 00	0.174	<1	5.8	<10	<5	90.1	<10	<10	<5	0.11	<5	<5	101	<1
1-25 + 48	0.059	<1	8.0	<10	<5	67.5	<10	<10	<5	0.17	6	<5	172	<1
1-25 + 149	0.119	<1	5.6	<10	<5	38.5	<10	<10	<5	0.34	9	<5	170	<1

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AGAT WORK ORDER: 11Y507043
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ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
1-25 + 251	0.055	<1	5.3	<10	<5	41.8	<10	<10	<5	0.25	7	<5	163	<1
1-25 + 345	0.186	1	4.1	<10	<5	56.5	<10	<10	<5	0.06	<5	<5	47.8	<1
1-26 + 97	0.057	<1	5.0	<10	<5	44.6	<10	<10	<5	0.10	<5	<5	67.4	<1
1-26 + 199	0.129	<1	5.9	<10	<5	61.6	<10	<10	<5	0.14	5	<5	116	<1
1-26 + 298	0.119	<1	8.6	<10	<5	99.2	<10	<10	<5	0.28	9	<5	206	<1
1-26 + 401	0.029	<1	6.4	<10	<5	70.4	<10	<10	<5	0.20	7	<5	149	<1
1-27 + 00	0.127	<1	6.7	<10	<5	54.7	<10	<10	<5	0.16	6	<5	125	<1
1-27 + 302	0.039	<1	3.9	<10	<5	29.6	<10	<10	<5	0.07	<5	<5	57.7	<1
JB-001	<0.005	<1	1.2	<10	<5	6.0	<10	<10	6	0.02	<5	<5	5.9	<1
JB-002	0.013	<1	0.8	<10	<5	14.3	<10	<10	<5	<0.01	<5	<5	4.4	<1
105G11-003	<0.005	<1	<0.5	<10	<5	1.0	<10	<10	<5	<0.01	<5	<5	2.1	17
RB11-01 32.5-34.5	1.55	<1	18.0	<10	<5	12.0	<10	<10	<5	0.05	<5	<5	208	<1
RB11-01 34.5-35.5	2.18	<1	21.1	<10	<5	11.5	<10	<10	<5	0.06	<5	<5	199	<1
RB11-01 219-220	8.39	<1	7.6	<10	<5	31.6	<10	<10	<5	0.10	<5	<5	121	<1
RB11-01 220-221	4.55	<1	8.9	<10	<5	74.6	<10	<10	<5	0.11	<5	<5	127	<1
RB11-01 221-222	17.0	<1	10.7	<10	<5	16.0	<10	<10	<5	0.08	<5	<5	106	<1
RB11-01 222-223	13.7	<1	13.5	<10	<5	13.2	<10	<10	<5	0.05	<5	<5	120	<1
RB11-02 199.5-200.25	0.378	<1	20.6	<10	<5	92.1	<10	<10	<5	0.20	7	<5	219	<1
RB11-02 200.25-201	0.093	<1	18.4	<10	<5	86.5	<10	<10	<5	0.20	8	<5	193	<1
RB11-04 159.5-160.25	1.08	2	9.4	<10	<5	28.0	<10	<10	<5	0.22	<5	<5	217	<1
RB11-04 160.25-161	0.946	3	8.2	<10	<5	29.7	<10	<10	<5	0.24	<5	<5	203	<1
1-27 + 348	0.067	<1	5.9	<10	<5	36.4	<10	<10	<5	0.12	5	<5	82.0	<1

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Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
BM-002	11	111	<5	0.014
BM-003	8	119	<5	0.01
105G11-001	14	134	<5	0.14
105G11-002	23	89.9	<5	0.29
105G11-003	14	74.5	<5	0.18
105G11-100	10	75.6	<5	0.04
105G11-101	10	63.8	<5	0.02
105G11-102	8	74.5	<5	0.05
105G11-103	11	64.7	<5	<0.01
JB-001	12	78.0	<5	0.30
JB-002	17	44.2	<5	0.21
JB-003	10	85.3	<5	0.04
JB-004	9	83.4	<5	0.04
JB-005	10	164	<5	0.04
JB-006	18	141	<5	0.02
JB-007	19	117	<5	<0.01
JB-008	13	121	<5	0.02
JB-009	7	150	<5	0.02
JB-010	<1	9.2	<5	0.01
JB-011	4	68.1	<5	0.02
JB-012	1	21.7	<5	0.03
KL 023	11	138	<5	0.23
KL 024	3	11.2	<5	0.02
KL 025	5	13.1	<5	0.02
KL 030	<1	12.9	<5	0.03
KL 031	3	6.7	<5	0.01
KL 032	4	20.7	<5	0.03
KL035	1	8.5	<5	0.01
KL 036	<1	6.2	<5	<0.01
KL 037	5	36.8	<5	0.14
KL 038	<1	6.9	<5	0.02
KL 039	<1	5.4	<5	0.01

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
KL 040	2	20.6	<5	0.04
KL 041	<1	7.4	<5	0.01
KL 042	6	58.8	<5	0.19
KL 043	13	40.1	<5	0.11
KL 044	3	20.6	<5	0.04
KL 045	2	40.3	<5	0.04
KL 047	3	16.0	<5	0.07
KL 048	<1	3.7	<5	0.02
KL 049	<1	4.1	<5	0.02
KL 050	13	70.8	<5	0.28
KL 051	5	70.4	<5	0.10
KL 052	7	78.0	<5	0.03
KL 053	2	7.6	<5	0.03
KL 054	3	22.5	<5	0.03
KL 055	10	79.8	<5	0.13
KL 057	8	71.4	<5	0.05
KL 058	10	79.4	<5	0.05
KL 059	5	66.6	<5	0.07
KL 060	5	60.8	<5	0.07
KL 061	15	98.8	<5	0.04
KL 062	27	171	<5	0.16
KL 063	40	196	<5	0.23
KL 064	26	171	<5	0.16
KL 065	33	192	<5	0.22
KL 066	43	174	<5	0.22
KL 067	30	168	<5	0.16
KL 068	28	171	<5	0.20
KL 069	9	67.5	<5	0.03
KL 070	14	96.0	<5	0.04
KL 071	14	102	<5	0.03
KL 072	11	83.8	<5	0.04
KL 073	13	92.9	<5	0.03

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
KL 074	10	91.5	<5	0.05
KL 075	12	91.9	<5	0.03
KL 076	10	79.2	<5	0.05
KL 077	11	83.7	<5	0.05
KL 078	10	81.2	<5	0.05
KL 079	11	83.5	<5	0.05
KL 080	11	83.4	<5	0.05
KL 081	11	81.9	<5	0.05
KL 082	10	75.3	<5	0.05
KL 083	10	82.3	<5	0.05
KL 084	11	94.5	<5	0.06
KL 085	3	30.2	<5	0.02
KL 086	2	17.4	<5	0.02
KL 087	2	19.8	<5	0.02
KL 088	3	27.8	<5	0.02
KL 089	2	16.8	<5	0.02
KL 090	4	36.6	<5	0.03
KL 091	2	15.8	<5	0.02
KL 092	3	21.1	<5	0.02
KL 097	16	86.5	<5	0.02
KL 098	6	53.9	<5	0.05
KL 099	9	58.5	<5	0.04
KL 100	3	35.7	<5	0.02
KL 101	3	33.8	<5	0.04
KL 103	11	70.3	<5	0.02
KL 105	4	26.5	<5	0.01
KL 106	7	80.1	<5	0.03
KL 107	5	49.5	<5	0.04
KL 108	14	66.6	<5	0.06
KL 109	17	70.8	<5	0.15
KL 110	6	43.4	<5	0.02
KL 111	5	8.6	<5	0.04

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
KL 112	10	81.8	<5	0.06
KL 113	1	21.8	<5	0.01
KL 114	8	78.5	<5	0.04
KL 115	14	83.0	<5	0.07
KL 116	3	45.4	<5	0.03
KL 117	<1	6.9	<5	0.01
KL 118	<1	2.6	<5	<0.01
KL 119	11	69.8	<5	0.09
KL 120	1	16.7	<5	0.02
KL 122	2	27.1	<5	0.04
KL 123	10	69.6	<5	0.04
KL 124	9	62.3	<5	0.05
KL 125	12	79.3	<5	0.05
KL 126	8	59.8	<5	0.02
KL 127	10	87.2	<5	0.04
KL 128	5	50.3	<5	0.02
KL 129	8	65.8	<5	0.04
KL 130	18	19.3	<5	0.08
KL 131	2	30.6	<5	0.03
KL 132	5	56.4	<5	0.04
KL 133	4	34.6	<5	0.02
KL 135	7	69.2	<5	0.03
PE 209 + 0.10	9	86.5	<5	<0.01
PE 209 + 0.20	42	224	<5	0.07
PE 210	8	82.2	<5	0.02
PE 210 + 0.10	6	48.6	<5	0.02
PE 210 + 0.20	7	95.6	<5	0.03
PE 210 + .303	8	64.3	<5	0.03
PE 210 + 1.00	13	90.1	<5	0.03
PE 211	17	94.0	<5	0.03
PE 211 + 0.10	9	64.1	<5	0.02
PE 211 + 0.20	10	59.7	<5	0.08

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
PE 211 + 292	3	7.2	<5	0.01
PE 212	<1	5.1	<5	0.01
PE 212 + 0.10	13	87.5	<5	0.09
PE 212 + 110	22	101	<5	0.13
PE 212 + 299	14	79.3	<5	0.07
PE 212 + 495	17	103	<5	0.04
PE 213	12	69.7	<5	0.05
PE 213 + 100	7	71.8	<5	0.05
PE 213 + 305	9	62.7	<5	0.04
PE 214	12	142	<5	0.06
PE CRK. SMAWK 5M@214	14	131	<5	0.07
PE 215	21	88.8	<5	0.06
PE 216	21	75.2	<5	0.06
PE 217	3	30.4	<5	0.27
PE 218	4	30.5	<5	0.14
PE 219	7	87.8	<5	0.37
PE 220	9	70.3	<5	0.11
MER 1.27 4000	11	53.1	<5	0.07
MER 1.27 4108	9	59.4	<5	0.04
MER 1.28 4209	7	47.3	<5	0.03
MER 1.28 4307	6	46.5	<5	0.04
MER 1.28 4405	2	12.7	<5	0.05
MER 1.28 4502	6	46.6	<5	0.03
MER 1.28 4600	3	29.8	<5	0.05
MER 1.28 4706	6	69.5	<5	0.03
MER 1.29 4801	<1	3.7	<5	<0.01
MER 1.29 4900	4	32.6	<5	0.02
MER 1.29 5100	1	5.9	<5	0.02
MER 1.30 5200	5	38.3	<5	0.05
MER 1.30 5300	3	14.8	<5	0.12
MER 1.30 5400	3	9.0	<5	0.04
MER 1.30 5500	10	86.6	<5	0.05

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
MER 1.30 5600	2	23.7	<5	0.03
MER 1.31 5700	4	62.7	<5	0.03
MER 1.31 5801	5	40.1	<5	0.06
MER 1.31 5900	5	28.7	<5	0.06
MER 1.31 6000	<1	4.6	<5	0.02
MER 1.32 6100	7	8.6	<5	0.06
MER 1.32 6200	26	21.0	<5	0.13
MER 1.32 6300	<1	40.3	<5	0.12
MER 1.32 6400	3	17.3	<5	0.04
MER 1.32 6500	9	46.0	<5	0.09
MER 1.33 6600	4	44.7	<5	0.09
MER 1.33 6700	5	10.3	<5	0.07
MER 1.33 6800	5	30.6	<5	0.11
MER 1.33 6901	13	46.8	<5	0.07
MER 3.01 2506	3	14.6	<5	0.05
MER 3.02 2606	3	11.0	<5	0.04
MER 3.02 2703	3	47.5	<5	0.09
MER 3.02 2807	2	4.7	<5	0.01
MER 3.02 2903	10	62.3	<5	0.06
MER 3.02 3003	10	80.0	<5	0.06
MER 3.03 3104	4	4.3	<5	0.03
MER 3.03 3205	4	47.4	<5	0.06
MER 3.03 3305	5	70.7	<5	0.05
MER 3.03 3404	4	55.8	<5	0.03
MER 3.04 3505	23	152	<5	0.04
MER 3.04 3603	19	91.4	<5	0.05
MER 3.04 3704	4	30.1	<5	0.03
MER 3.04 3805	38	87.4	<5	0.04
MER 3.04 3905	36	72.4	<5	0.05
MER 3.05 4004	5	62.9	<5	0.03
MER 3.05 4102	7	159	<5	0.03
MER 3.05 4203	6	79.9	<5	0.02

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
MER 3.05 4307	<1	4.6	<5	0.01
MER 3.06 4406	14	87.1	<5	0.05
MER 3.06 4504	5	48.7	<5	0.04
MER 3.06 4604	<1	10.7	<5	0.01
MER 3.06 4704	15	104	<5	0.07
MER 3.06 4805	5	74.8	<5	0.07
MER 3.07 4903	11	129	<5	0.07
MER 3.07 5004	4	61.8	<5	0.05
MER 3.07 5199	60	63.6	<5	0.15
MER 3.07 5204	5	67.9	<5	0.04
MER 3.11 0386894	4	41.7	<5	0.09
MER 3.11 0386996	30	7.9	<5	0.03
MER 3.12 0387093	7	61.2	<5	0.07
MER 3.12 0387194	161	86.5	<5	0.23
MER 3.12 0387294	1	7.1	<5	0.03
MER 3.12 0387395	31	35.2	<5	0.23
MER 3.12 0387496	3	100	<5	0.11
MER 3.13 0387596	6	57.5	<5	0.05
MER 3.13 0387693	2	7.2	<5	0.03
MER 3.13 0387798	12	72.0	<5	0.08
MER 3.13 0387894	<1	5.3	<5	0.02
MER 3.13 0387995	14	31.6	<5	0.25
MER 3.13 0388095	8	62.0	<5	0.08
MER 3.14 0388193	32	314	<5	0.19
MER 3.14 0388291	<1	3.5	<5	0.01
MER 3.14 0388393	12	57.8	<5	0.11
MER 3.15 0388495	22	62.4	<5	0.11
MER 3.15 0388592	24	143	<5	0.19
MER 3.15 0388696	51	141	<5	0.64
MER 3.15 0388793	25	158	<5	1.00
MER 3.15 0388895	47	69.8	<5	0.29
MER 3.16 0388996	24	77.0	<5	0.82

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
MER 3.16 0389094	3	25.2	<5	0.11
MER 3.16 0389194	3	24.4	<5	0.10
MER 3.16 0389295	6	149	<5	0.26
MER 3.17 0389393	60	88.1	<5	0.33
MER 3.17 0389491	4	56.2	<5	0.28
MER 3.17 0389594	4	49.6	<5	0.43
MER 3.17 0389696	152	15.3	<5	0.26
MER 3.18 0389794	25	73.4	<5	0.19
MER 3.18 0389892	20	71.3	<5	0.16
MER 3.18 0389993	26	49.5	<5	0.42
MER 3.18 0390094	5	64.2	<5	0.18
MER 3.18 0390189	5	37.7	<5	0.34
MER 3.19 0390295	21	89.6	<5	0.20
MER 3.19 0390394	15	89.7	<5	0.13
MER 3.19 0390498	12	94.0	<5	0.25
MER 3.19 0390594	9	103	<5	0.12
MER 3.20 0390697	24	133	<5	0.09
MER 5.07 5051	15	69.1	<5	0.05
MER 5.07 5150	5	25.5	<5	0.05
MER 5.07 5259	8	7.6	<5	0.07
MER 5.08 5354	2	7.5	<5	0.03
MER 5.08 5451	15	60.6	<5	0.05
MER 5.08 5550	17	50.8	<5	0.05
MER 5.08 5651	4	8.9	<5	0.02
MER 5.09 5752	16	28.7	<5	0.16
MER 5.09 5850	13	74.9	<5	0.05
MER 5.09 5950	5	15.2	<5	0.04
MER 5.09 6050	15	53.8	5	0.08
MER 5.09 6151	12	74.4	<5	0.11
MER 5.10 6351	9	72.4	<5	0.09
MER 5.10 6451	12	63.2	<5	0.08
MER 5.10 6550	9	82.0	<5	0.07

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MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
http://www.agatlabs.com

Certificate of Analysis

AGAT WORK ORDER: 11Y507043

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
MER 5.11 6651	8	71.2	<5	0.13
MER 5.11 6750	10	79.4	<5	0.04
MER 5.11 6850	4	45.5	<5	0.06
MER 5.11 6951	8	59.9	<5	0.03
MER 5.11 7049	12	69.2	<5	0.06
MER 5.12 7151	19	55.7	<5	0.11
MER 5.12 7250	5	32.4	<5	0.05
MER 5.12 7350	3	6.8	<5	0.02
MER 5.12 7450	1	10.8	<5	0.03
1-06	6	109	<5	0.03
1-06 + 100	11	85.7	<5	0.02
1-06 + 200	14	59.1	<5	0.03
1-06 + 300	25	104	<5	0.02
1-06 + 400	24	103	<5	0.03
1-07	26	49.8	<5	0.08
1-07 + 50 4902	26	99.2	<5	0.02
1-07 LOC.5002	8	74.0	<5	0.02
1-07 + 5101	23	111	<5	0.02
1-07 + 5200	24	148	<5	0.02
1-07 + 5300	19	52.3	<5	0.10
1-07 + 5401	12	102	<5	0.04
1-07 + 5501	11	75.6	<5	0.04
1-07 + 5600	15	121	<5	0.02
1-07 + 5701	6	39.1	<5	0.02
1-07 + 5803	17	93.2	<5	0.04
1-08	18	95.1	<5	0.04
1-08 5903	21	144	<5	0.02
1-09	17	126	<5	0.02
1-09 + 100 5871	18	126	<5	0.02
1-09 + 0.13 5987	16	123	<5	0.02
1-09 + 6110	17	137	<5	0.02
1-10 6199	13	94.3	<5	0.02

Certified By: Ron Cardinall

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
1-11	12	119	<5	0.04
1-11 TO STATION 108	nss	nss	nss	nss
1-11 + 6801	9	114	<5	0.02
1-11 + 6936	16	129	<5	0.02
1-11 + 7021	18	113	<5	0.02
1-12	2	7.6	<5	<0.01
1-13	13	99.6	<5	0.02
1-13 + 50	4	42.9	<5	0.02
1-13 + 150	21	141	<5	0.03
1-13 + 251	14	98.3	<5	0.02
1-13 + 349	10	96.9	<5	0.02
1-14 + 99	2	20.2	<5	0.02
1-14 + 197	8	72.9	<5	0.02
1-14 + 297	9	79.5	<5	0.02
1-14 + 400	10	91.4	<5	0.03
1-15 + 00	8	56.4	<5	0.01
1-15 + 51	9	110	<5	0.01
1-15 + 149	3	117	<5	0.05
1-15 + 248	13	84.9	<5	0.02
1-15 + 349	12	98.8	<5	0.02
1-16 + 00	9	106	<5	0.02
1-16 + 400	10	71.0	<5	0.08
1-17 + 50	11	114	<5	0.02
1-17 + 100	15	96.7	<5	0.06
1-17 + 149	7	70.8	<5	0.01
1-17 + 198	20	205	<5	0.08
1-17 + 248	16	81.3	<5	0.06
1-17 + 302	16	130	<5	0.06
1-17 + 348	<1	5.9	<5	0.02
1-18 + 49	4	52.5	<5	0.02
1-18 + 149	5	28.0	<5	0.02
1-18 + 251	6	65.6	<5	0.04

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DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
1-18 + 298	95	139	<5	0.09
1-18 + 398	10	123	<5	0.03
1-19 + 101	7	85.6	<5	0.02
1-19 + 200	9	69.5	<5	0.04
1-19 + 300	8	52.8	<5	0.06
1-19 + 399	4	55.8	<5	0.03
1-20 + 00	6	32.8	<5	0.01
1-20 + 51	9	85.3	<5	<0.01
1-20 + 149	8	86.3	<5	0.03
1-20 + 250	16	106	<5	0.02
1-20 + 348	9	68.4	<5	0.02
1-21 + 99	8	96.0	<5	0.05
1-21 + 200	12	87.8	<5	0.01
1-21 + 300	9	88.8	<5	0.04
1-21 + 403	8	79.4	<5	0.02
1-22 + 00	4	59.4	<5	0.02
1-22 + 49	8	80.1	<5	0.02
1-22 + 146	<1	5.5	<5	<0.01
1-22 + 250	7	82.6	<5	0.01
1-22 + 350	5	64.5	<5	0.02
1-23 + 100	5	82.6	<5	0.04
1-23 + 199	12	59.3	<5	0.12
1-23 + 299	6	75.0	<5	0.02
1-23 + 349	6	103	<5	0.04
1-23 + 400	6	74.3	<5	0.02
1-24 + 00	4	45.9	<5	0.01
1-24 + 99	7	128	<5	0.05
1-24 + 249	22	126	<5	0.05
1-24 + 388	9	87.3	<5	0.03
1-25 + 00	9	65.4	<5	0.06
1-25 + 48	7	82.2	<5	0.03
1-25 + 149	1	39.5	<5	0.01

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Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
1-25 + 251	3	46.8	<5	<0.01
1-25 + 345	5	55.8	<5	0.04
1-26 + 97	9	82.4	<5	0.02
1-26 + 199	6	54.2	<5	0.04
1-26 + 298	9	76.4	<5	0.05
1-26 + 401	8	79.2	<5	0.02
1-27 + 00	7	74.9	<5	0.04
1-27 + 302	6	58.9	<5	0.04
JB-001	3	29.3	<5	<0.01
JB-002	3	12.9	<5	<0.01
105G11-003	<1	5.3	<5	0.02
RB11-01 32.5-34.5	3	182	<5	0.01
RB11-01 34.5-35.5	3	257	<5	<0.01
RB11-01 219-220	2	2480	<5	0.36
RB11-01 220-221	4	1890	<5	0.28
RB11-01 221-222	6	1160	<5	0.17
RB11-01 222-223	5	4420	<5	0.82
RB11-02 199.5-200.25	10	303	<5	0.04
RB11-02 200.25-201	5	145	<5	0.01
RB11-04 159.5-160.25	4	167	<5	0.01
RB11-04 160.25-161	5	193	<5	0.02
1-27 + 348	6	59.4	<5	0.04

Comments: RDL - Reported Detection Limit
Aug. 15, 2011 - Corrected copy

Certified By: Ron Cardinall

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ATTENTION TO: BRANDON MACDONALD

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jul 05, 2011 | DATE RECEIVED: Jun 30, 2011 | DATE REPORTED: Aug 15, 2011 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
JB-001	<0.001
JB-002	0.005
105G11-003	<0.001
RB11-01 32.5-34.5	0.314
RB11-01 34.5-35.5	0.062
RB11-01 219-220	0.089
RB11-01 220-221	0.086
RB11-01 221-222	0.433
RB11-01 222-223	0.413
RB11-02 199.5-200.25	0.021
RB11-02 200.25-201	0.005
RB11-04 159.5-160.25	0.027
RB11-04 160.25-161	0.033

Comments: RDL - Reported Detection Limit
Aug. 15, 2011 - Corrected copy

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2517798	0.033	0.040	19.2%	< 0.001	0.428	0.417	103%	80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517421	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2517421	1.96	1.90	3.1%	< 0.01				80%	120%
As	1	2517421	12	12	0.0%	< 1	21.8	22.0	99%	80%	120%
B	1	2517421	< 5	< 5	0.0%	< 5	5.93	7.00	84%	80%	120%
Ba	1	2517421	114	116	1.7%	< 1				80%	120%
Be	1	2517421	0.7	0.7	0.0%	< 0.5				80%	120%
Bi	1	2517421	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517421	0.15	0.15	0.0%	< 0.01				80%	120%
Cd	1	2517421	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517421	110	107	2.8%	< 1	40	35	116%	80%	120%
Co	1	2517421	21.9	22.1	0.9%	< 0.5				80%	120%
Cr	1	2517421	43.2	42.4	1.9%	< 0.5	28.6	34.0	84%	80%	120%
Cu	1	2517421	39.1	39.4	0.8%	< 0.5				80%	120%
Fe	1	2517421	5.26	5.24	0.4%	< 0.01				80%	120%
Ga	1	2517421	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517421	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517421	0.06	0.06	0.0%	< 0.01				80%	120%
La	1	2517421	50	49	2.0%	< 1	18	17	107%	80%	120%
Li	1	2517421	23	23	0.0%	< 1				80%	120%
Mg	1	2517421	0.75	0.76	1.3%	< 0.01				80%	120%
Mn	1	2517421	874	873	0.1%	< 1				80%	120%
Mo	1	2517421	1.07	0.92	15.1%	< 0.5				80%	120%
Na	1	2517421	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2517421	43.8	43.6	0.5%	< 0.5	24.5	25.0	98%	80%	120%
P	1	2517421	508	520	2.3%	< 10				80%	120%
Pb	1	2517421	10.1	10.1	0.0%	< 0.5				80%	120%
Rb	1	2517421	18	16	11.8%	< 10				80%	120%
S	1	2517421	0.0104	0.0106	1.9%	< 0.005				80%	120%
Sb	1	2517421	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517421	3.6	3.6	0.0%	< 0.5				80%	120%
Se	1	2517421	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517421	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517421	11.0	11.4	3.6%	0.9				80%	120%
Ta	1	2517421	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517421	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517421	15	14	6.9%	< 5				80%	120%
Ti	1	2517421	< 0.01	< 0.01	0.0%	< 0.01	0.06	0.07	91%	80%	120%
Tl	1	2517421	< 5	< 5	0.0%	< 5	0.3	0.3	95%	80%	120%
U	1	2517421	< 5	< 5	0.0%	< 5	9.20	10.5	87%	80%	120%
V	1	2517421	40.2	39.8	1.0%	< 0.5				80%	120%
W	1	2517421	< 1	< 1	0.0%	< 1				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Y	1	2517421	11	11	0.0%	< 1				80%	120%
Zn	1	2517421	111	110	0.9%	0.9	205	204	100%	80%	120%
Zr	1	2517421	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517446	0.2	0.2	0.0%	< 0.2	8	7	117%	80%	120%
Al	1	2517446	0.321	0.331	3.1%	< 0.01	0.36	0.359	100%	80%	120%
As	1	2517446	1	1	0.0%	< 1				80%	120%
B	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517446	31	32	3.2%	< 1				80%	120%
Be	1	2517446	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517446	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517446	0.12	0.12	0.0%	< 0.01	0.701	0.635	110%	80%	120%
Cd	1	2517446	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517446	6	7	15.4%	< 1				80%	120%
Co	1	2517446	0.65	0.73	11.6%	< 0.5	2.5	2.2	113%	80%	120%
Cr	1	2517446	1.8	1.7	5.7%	< 0.5				80%	120%
Cu	1	2517446	4.7	4.8	2.1%	< 0.5	4889	4700	104%	80%	120%
Fe	1	2517446	0.353	0.361	2.2%	< 0.01	1.34	1.31	102%	80%	120%
Ga	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517446	< 1	< 1	0.0%	< 1				80%	120%
La	1	2517446	4	4	0.0%	< 1				80%	120%
Li	1	2517446	1	1	0.0%	< 1				80%	120%
Mg	1	2517446	0.05	0.05	0.0%	< 0.01	0.112	0.098	115%	80%	120%
Mn	1	2517446	48	49	2.1%	< 1				80%	120%
Mo	1	2517446	< 0.5	< 0.5	0.0%	< 0.5	7.50	7.00	107%	80%	120%
Na	1	2517446	0.05	0.05	0.0%	< 0.01	0.037	0.038	96%	80%	120%
Ni	1	2517446	1.1	1.1	0.0%	< 0.5	7	7	100%	80%	120%
P	1	2517446	358	390	8.6%	< 10				80%	120%
Pb	1	2517446	2.5	2.6	3.9%	< 0.5	34.5	40.0	86%	80%	120%
Rb	1	2517446	< 10	< 10	0.0%	< 10				80%	120%
S	1	2517446	0.032	0.032	0.0%	< 0.005	0.666	0.621	107%	80%	120%
Sb	1	2517446	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517446	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Se	1	2517446	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517446	14.6	14.7	0.7%	< 0.5				80%	120%
Ta	1	2517446	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517446	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2517446	0.02	0.02	0.0%	< 0.01	0.014	0.011	129%	80%	120%
Tl	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517446	8.7	8.9	2.3%	< 0.5				80%	120%
W	1	2517446	< 1	< 1	0.0%	< 1				80%	120%

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ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Y	1	2517446	3	3	0.0%	< 1				80%	120%
Zn	1	2517446	6.7	7.1	5.8%	< 0.5	75.0	67.0	111%	80%	120%
Zr	1	2517446	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517471	< 0.2	< 0.2	0.0%	< 0.2	9	7	121%	80%	120%
Al	1	2517471	1.28	1.32	3.1%	< 0.01				80%	120%
As	1	2517471	8	8	0.0%	< 1				80%	120%
B	1	2517471	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517471	168	164	2.4%	< 1				80%	120%
Be	1	2517471	0.7	0.7	0.0%	< 0.5				80%	120%
Bi	1	2517471	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517471	0.15	0.15	0.0%	< 0.01	0.712	0.635	112%	80%	120%
Cd	1	2517471	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517471	45	44	2.2%	< 1	44	35	126%	80%	120%
Co	1	2517471	3.53	3.61	2.2%	< 0.5	6	5.0	120%	80%	120%
Cr	1	2517471	21.7	21.6	0.5%	< 0.5				80%	120%
Cu	1	2517471	10.4	10.2	1.9%	< 0.5	5057	4700	108%	80%	120%
Fe	1	2517471	2.49	2.53	1.6%	< 0.01	1.37	1.31	105%	80%	120%
Ga	1	2517471	7	7	0.0%	< 5	7	10	72%	80%	120%
In	1	2517471	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517471	0.12	0.12	0.0%	< 0.01				80%	120%
La	1	2517471	20	20	0.0%	< 1	20	17	116%	80%	120%
Li	1	2517471	30	29	3.4%	< 1				80%	120%
Mg	1	2517471	0.318	0.310	2.5%	< 0.01	0.116	0.098	118%	80%	120%
Mn	1	2517471	261	251	3.9%	< 1				80%	120%
Mo	1	2517471	1.4	1.2	15.4%	< 0.5	446	400	111%	80%	120%
Na	1	2517471	< 0.01	< 0.01	0.0%	< 0.01	0.042	0.038	110%	80%	120%
Ni	1	2517471	12.9	13.0	0.8%	< 0.5	7	7	100%	80%	120%
P	1	2517471	359	352	2.0%	< 10				80%	120%
Pb	1	2517471	12.0	12.0	0.0%	< 0.5	17	21	80%	80%	120%
Rb	1	2517471	65	68	4.5%	< 10				80%	120%
S	1	2517471	0.029	0.028	3.5%	< 0.005	0.681	0.621	110%	80%	120%
Sb	1	2517471	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517471	2.0	2.0	0.0%	< 0.5				80%	120%
Se	1	2517471	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517471	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517471	15.0	16.1	7.1%	< 0.5	286	390	73%	80%	120%
Ta	1	2517471	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517471	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517471	6	6	0.0%	< 5				80%	120%
Ti	1	2517471	0.065	0.064	1.6%	< 0.01				80%	120%
Tl	1	2517471	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517471	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517471	54.1	55.3	2.2%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
W	1	2517471	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517471	5	5	0.0%	< 1				80%	120%
Zn	1	2517471	60.8	61.3	0.8%	< 0.5	194	204	95%	80%	120%
Zr	1	2517471	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517496	< 0.2	< 0.2	0.0%	< 0.2	8	7	115%	80%	120%
Al	1	2517496	0.77	0.80	3.8%	< 0.01	0.426	0.359	119%	80%	120%
As	1	2517496	5	5	0.0%	< 1				80%	120%
B	1	2517496	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517496	67	72	7.2%	< 1				80%	120%
Be	1	2517496	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517496	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517496	0.36	0.36	0.0%	< 0.01	0.687	0.635	108%	80%	120%
Cd	1	2517496	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517496	25	27	7.7%	< 1				80%	120%
Co	1	2517496	4.03	4.30	6.5%	< 0.5	5.9	5.0	118%	80%	120%
Cr	1	2517496	18.4	20.3	9.8%	< 0.5				80%	120%
Cu	1	2517496	8.4	8.7	3.5%	< 0.5	4731	4700	101%	80%	120%
Fe	1	2517496	1.39	1.40	0.7%	< 0.01	1.33	1.31	102%	80%	120%
Ga	1	2517496	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517496	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517496	0.05	0.06	18.2%	< 0.01	0.2	0.18	112%	80%	120%
La	1	2517496	11	12	8.7%	< 1				80%	120%
Li	1	2517496	7	8	13.3%	< 1				80%	120%
Mg	1	2517496	0.279	0.296	5.9%	< 0.01	0.11	0.098	112%	80%	120%
Mn	1	2517496	129	136	5.3%	< 1				80%	120%
Mo	1	2517496	< 0.5	< 0.5	0.0%	< 0.5	334	280	119%	80%	120%
Na	1	2517496	0.032	0.037	14.5%	< 0.01	0.034	0.038	90%	80%	120%
Ni	1	2517496	12.5	13.1	4.7%	< 0.5	7	7	103%	80%	120%
P	1	2517496	388	422	8.4%	< 10				80%	120%
Pb	1	2517496	4.04	3.84	5.1%	< 0.5				80%	120%
Rb	1	2517496	13	16	20.7%	< 10				80%	120%
S	1	2517496	0.0194	0.0197	1.5%	< 0.005	0.688	0.621	111%	80%	120%
Sb	1	2517496	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517496	0.5	0.6	18.2%	< 0.5				80%	120%
Se	1	2517496	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517496	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517496	27.5	29.1	5.7%	< 0.5				80%	120%
Ta	1	2517496	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517496	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517496	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2517496	0.02	0.02	0.0%	< 0.01	0.06	0.07	88%	80%	120%
Tl	1	2517496	< 5	< 5	0.0%	< 5	0.3	0.3	101%	80%	120%
U	1	2517496	< 5	< 5	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
V	1	2517496	28.0	30.3	7.9%	< 0.5				80%	120%
W	1	2517496	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517496	3	3	0.0%	< 1				80%	120%
Zn	1	2517496	30.2	32.4	7.0%	< 0.5	180	204	88%	80%	120%
Zr	1	2517496	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517501	< 0.2	< 0.2	0.0%	< 0.2	8	7	112%	80%	120%
Al	1	2517501	0.89	0.91	2.2%	< 0.01	0.39	0.359	109%	80%	120%
As	1	2517501	6	6	0.0%	< 1				80%	120%
B	1	2517501	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517501	74	76	2.7%	< 1				80%	120%
Be	1	2517501	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517501	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517501	0.33	0.33	0.0%	< 0.01	0.636	0.635	100%	80%	120%
Cd	1	2517501	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517501	30	29	3.4%	< 1				80%	120%
Co	1	2517501	4.9	4.9	0.0%	< 0.5	5.5	5.0	109%	80%	120%
Cr	1	2517501	23.4	23.3	0.4%	< 0.5				80%	120%
Cu	1	2517501	10.2	9.73	4.7%	< 0.5	4838	4700	103%	80%	120%
Fe	1	2517501	1.64	1.65	0.6%	< 0.01	1.21	1.31	92%	80%	120%
Ga	1	2517501	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517501	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517501	0.050	0.058	14.8%	< 0.01	0.19	0.18	104%	80%	120%
La	1	2517501	13	13	0.0%	< 1				80%	120%
Li	1	2517501	9	9	0.0%	< 1				80%	120%
Mg	1	2517501	0.36	0.36	0.0%	< 0.01	0.1	0.098	102%	80%	120%
Mn	1	2517501	152	149	2.0%	< 1				80%	120%
Mo	1	2517501	0.6	0.7	15.4%	< 0.5	308	280	110%	80%	120%
Na	1	2517501	0.03	0.03	0.0%	< 0.01	0.037	0.038	97%	80%	120%
Ni	1	2517501	16.0	15.9	0.6%	< 0.5	6	7	90%	80%	120%
P	1	2517501	460	446	3.1%	< 10				80%	120%
Pb	1	2517501	4.9	4.5	8.5%	< 0.5	36	30	121%	80%	120%
Rb	1	2517501	16	17	6.1%	< 10				80%	120%
S	1	2517501	0.013	0.013	0.0%	< 0.005	0.624	0.621	100%	80%	120%
Sb	1	2517501	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517501	0.9	0.9	0.0%	< 0.5				80%	120%
Se	1	2517501	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517501	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517501	26.0	24.4	6.3%	< 0.5	273	390	70%	80%	120%
Ta	1	2517501	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517501	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517501	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2517501	0.03	0.03	0.0%	< 0.01	0.012	0.011	105%	80%	120%
Tl	1	2517501	< 5	< 5	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
U	1	2517501	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517501	32.9	32.9	0.0%	< 0.5				80%	120%
W	1	2517501	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517501	4	4	0.0%	< 1				80%	120%
Zn	1	2517501	36.6	37.1	1.4%	< 0.5				80%	120%
Zr	1	2517501	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517521	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2517521	1.08	1.14	5.4%	< 0.01				80%	120%
As	1	2517521	10	10	0.0%	< 1				80%	120%
B	1	2517521	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517521	129	134	3.8%	< 1				80%	120%
Be	1	2517521	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517521	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517521	0.28	0.29	3.5%	< 0.01				80%	120%
Cd	1	2517521	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517521	18	19	5.4%	< 1				80%	120%
Co	1	2517521	4.52	4.58	1.3%	< 0.5				80%	120%
Cr	1	2517521	25.0	26.1	4.3%	< 0.5				80%	120%
Cu	1	2517521	24.1	24.2	0.4%	< 0.5				80%	120%
Fe	1	2517521	1.78	1.80	1.1%	< 0.01				80%	120%
Ga	1	2517521	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517521	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517521	0.15	0.16	6.5%	< 0.01				80%	120%
La	1	2517521	7	8	13.3%	< 1				80%	120%
Li	1	2517521	14	14	0.0%	< 1				80%	120%
Mg	1	2517521	0.48	0.48	0.0%	< 0.01				80%	120%
Mn	1	2517521	189	197	4.1%	< 1				80%	120%
Mo	1	2517521	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Na	1	2517521	0.034	0.040	16.2%	< 0.01				80%	120%
Ni	1	2517521	16.2	16.4	1.2%	< 0.5				80%	120%
P	1	2517521	223	222	0.4%	< 10				80%	120%
Pb	1	2517521	7.7	8.1	5.1%	< 0.5				80%	120%
Rb	1	2517521	39	41	5.0%	< 10				80%	120%
S	1	2517521	0.0141	0.0148	4.8%	< 0.005				80%	120%
Sb	1	2517521	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517521	2.3	2.4	4.3%	< 0.5				80%	120%
Se	1	2517521	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517521	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517521	20.5	22.6	9.7%	< 0.5				80%	120%
Ta	1	2517521	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517521	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517521	5	4	22.2%	< 5				80%	120%
Ti	1	2517521	0.07	0.07	0.0%	< 0.01				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Tl	1	2517521	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517521	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517521	39.1	40.4	3.3%	< 0.5				80%	120%
W	1	2517521	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517521	3	4	28.6%	< 1				80%	120%
Zn	1	2517521	45.4	45.8	0.9%	< 0.5				80%	120%
Zr	1	2517521	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517547	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2517547	2.29	2.29	0.0%	< 0.01				80%	120%
As	1	2517547	18	18	0.0%	< 1				80%	120%
B	1	2517547	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517547	129	132	2.3%	< 1				80%	120%
Be	1	2517547	0.5	0.5	0.0%	< 0.5				80%	120%
Bi	1	2517547	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517547	0.45	0.45	0.0%	< 0.01				80%	120%
Cd	1	2517547	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517547	83	85	2.4%	< 1				80%	120%
Co	1	2517547	23.2	22.6	2.6%	< 0.5				80%	120%
Cr	1	2517547	55.7	55.4	0.5%	< 0.5				80%	120%
Cu	1	2517547	39.6	39.6	0.0%	< 0.5				80%	120%
Fe	1	2517547	4.54	4.48	1.3%	< 0.01				80%	120%
Ga	1	2517547	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517547	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517547	0.13	0.13	0.0%	< 0.01				80%	120%
La	1	2517547	37	38	2.7%	< 1				80%	120%
Li	1	2517547	32	31	3.2%	< 1				80%	120%
Mg	1	2517547	1.17	1.15	1.7%	< 0.01				80%	120%
Mn	1	2517547	939	928	1.2%	< 1				80%	120%
Mo	1	2517751	2.69	2.13	23.2%	< 0.5				80%	120%
Na	1	2517547	0.01	0.01	0.0%	< 0.01				80%	120%
Ni	1	2517547	44.3	44.0	0.7%	< 0.5				80%	120%
P	1	2517547	1060	1060	0.0%	< 10				80%	120%
Pb	1	2517547	12.3	12.5	1.6%	< 0.5				80%	120%
Rb	1	2517547	31	32	3.2%	< 10				80%	120%
S	1	2517547	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Sb	1	2517547	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517547	6.0	6.0	0.0%	< 0.5				80%	120%
Se	1	2517547	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517547	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517547	26.9	28.3	5.1%	< 0.5				80%	120%
Ta	1	2517547	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517547	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517547	14	14	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ti	1	2517547	0.06	0.06	0.0%	< 0.01				80%	120%
Tl	1	2517547	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517547	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517547	56.6	58.0	2.4%	< 0.5				80%	120%
W	1	2517547	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517547	17	17	0.0%	< 1				80%	120%
Zn	1	2517547	94.0	93.6	0.4%	< 0.5				80%	120%
Zr	1	2517547	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517572	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2517572	1.42	1.41	0.7%	< 0.01				80%	120%
As	1	2517572	17	17	0.0%	< 1				80%	120%
B	1	2517572	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517572	64	63	1.6%	< 1				80%	120%
Be	1	2517572	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517572	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517572	0.215	0.208	3.3%	< 0.01				80%	120%
Cd	1	2517572	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517572	31	30	3.3%	< 1				80%	120%
Co	1	2517572	5.4	5.3	1.9%	< 0.5				80%	120%
Cr	1	2517572	26.4	26.1	1.1%	< 0.5				80%	120%
Cu	1	2517572	12.7	13.0	2.3%	< 0.5				80%	120%
Fe	1	2517572	2.18	2.19	0.5%	< 0.01				80%	120%
Ga	1	2517572	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517572	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517572	0.07	0.07	0.0%	< 0.01				80%	120%
La	1	2517572	13	13	0.0%	< 1				80%	120%
Li	1	2517572	21	21	0.0%	< 1				80%	120%
Mg	1	2517572	0.537	0.518	3.6%	< 0.01				80%	120%
Mn	1	2517572	258	262	1.5%	< 1				80%	120%
Mo	1	2517572	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Na	1	2517572	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2517572	16.4	16.9	3.0%	< 0.5				80%	120%
P	1	2517572	619	613	1.0%	< 10				80%	120%
Pb	1	2517572	12.6	12.2	3.2%	< 0.5				80%	120%
Rb	1	2517572	18	19	5.4%	< 10				80%	120%
S	1	2517572	0.007	0.007	0.0%	< 0.005				80%	120%
Sb	1	2517572	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517572	2.25	2.27	0.9%	< 0.5				80%	120%
Se	1	2517572	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517572	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517572	14.3	11.7	20.0%	< 0.5				80%	120%
Ta	1	2517572	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517572	< 10	< 10	0.0%	< 10				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Th	1	2517572	7	7	0.0%	< 5				80%	120%
Ti	1	2517572	0.07	0.07	0.0%	< 0.01				80%	120%
Tl	1	2517572	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517572	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517572	39.4	40.8	3.5%	< 0.5				80%	120%
W	1	2517572	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517572	6	6	0.0%	< 1				80%	120%
Zn	1	2517572	46.6	48.4	3.8%	< 0.5				80%	120%
Zr	1	2517572	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517598	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2517598	0.42	0.43	2.4%	< 0.01				80%	120%
As	1	2517598	4	4	0.0%	< 1				80%	120%
B	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517598	127	130	2.3%	< 1				80%	120%
Be	1	2517598	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517598	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517598	4.28	4.30	0.5%	< 0.01				80%	120%
Cd	1	2517598	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517598	6	6	0.0%	< 1				80%	120%
Co	1	2517598	0.8	0.8	0.0%	< 0.5				80%	120%
Cr	1	2517598	1.50	1.57	4.6%	< 0.5				80%	120%
Cu	1	2517598	19.5	20.2	3.5%	< 0.5				80%	120%
Fe	1	2517598	0.259	0.251	3.1%	< 0.01				80%	120%
Ga	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517598	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517598	0.02	0.02	0.0%	< 0.01				80%	120%
La	1	2517598	3	3	0.0%	< 1				80%	120%
Li	1	2517598	< 1	< 1	0.0%	< 1				80%	120%
Mg	1	2517598	0.05	0.05	0.0%	< 0.01				80%	120%
Mn	1	2517598	253	259	2.3%	< 1				80%	120%
Mo	1	2517598	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Na	1	2517598	0.04	0.04	0.0%	< 0.01				80%	120%
Ni	1	2517598	4.7	4.9	4.2%	< 0.5				80%	120%
P	1	2517598	594	613	3.1%	< 10				80%	120%
Pb	1	2517598	2.7	1.4		< 0.5				80%	120%
Rb	1	2517598	< 10	< 10	0.0%	< 10				80%	120%
S	1	2517598	0.169	0.172	1.8%	< 0.005				80%	120%
Sb	1	2517598	3	3	0.0%	< 1				80%	120%
Sc	1	2517598	0.4	0.5	22.2%	< 0.5				80%	120%
Se	1	2517598	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517598	250	258	3.1%	< 0.5				80%	120%
Ta	1	2517598	< 10	< 10	0.0%	< 10				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Te	1	2517598	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2517598	0.01	0.01	0.0%	< 0.01				80%	120%
Tl	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517598	4.77	4.28	10.8%	< 0.5				80%	120%
W	1	2517598	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517598	3	3	0.0%	< 1				80%	120%
Zn	1	2517598	11.0	11.1	0.9%	< 0.5				80%	120%
Zr	1	2517598	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2517605	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2517605	1.65	1.64	0.6%	< 0.01				80%	120%
As	1	2517605	12	13	8.0%	< 1				80%	120%
B	1	2517605	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2517605	158	157	0.6%	< 1				80%	120%
Be	1	2517605	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2517605	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2517605	0.08	0.08	0.0%	< 0.01				80%	120%
Cd	1	2517605	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2517605	44	44	0.0%	< 1				80%	120%
Co	1	2517605	14.7	14.9	1.4%	< 0.5				80%	120%
Cr	1	2517605	47.5	46.7	1.7%	< 0.5				80%	120%
Cu	1	2517605	20.3	20.3	0.0%	< 0.5				80%	120%
Fe	1	2517605	3.74	3.72	0.5%	< 0.01				80%	120%
Ga	1	2517605	< 5	< 5	0.0%	< 5				80%	120%
In	1	2517605	< 1	< 1	0.0%	< 1				80%	120%
K	1	2517605	0.06	0.06	0.0%	< 0.01				80%	120%
La	1	2517605	19	19	0.0%	< 1				80%	120%
Li	1	2517605	24	25	4.1%	< 1				80%	120%
Mg	1	2517605	0.70	0.70	0.0%	< 0.01				80%	120%
Mn	1	2517605	406	403	0.7%	< 1				80%	120%
Mo	1	2517605	1.4	1.2	15.4%	< 0.5				80%	120%
Na	1	2517605	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2517605	33.8	32.5	3.9%	< 0.5				80%	120%
P	1	2517605	364	364	0.0%	< 10				80%	120%
Pb	1	2517605	10.5	9.71	7.8%	< 0.5				80%	120%
Rb	1	2517605	27	27	0.0%	< 10				80%	120%
S	1	2517605	0.010	0.010	0.0%	< 0.005				80%	120%
Sb	1	2517605	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2517605	2.6	2.6	0.0%	< 0.5				80%	120%
Se	1	2517605	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2517605	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2517605	10.1	11.6	13.8%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y507043
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Aug 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ta	1	2517605	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2517605	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2517605	8	7	13.3%	< 5				80%	120%
Ti	1	2517605	0.02	0.02	0.0%	< 0.01				80%	120%
Tl	1	2517605	< 5	< 5	0.0%	< 5				80%	120%
U	1	2517605	< 5	< 5	0.0%	< 5				80%	120%
V	1	2517605	54.2	53.0	2.2%	< 0.5				80%	120%
W	1	2517605	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2517605	5	5	0.0%	< 1				80%	120%
Zn	1	2517605	70.7	69.2	2.1%	< 0.5				80%	120%
Zr	1	2517605	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517623	0.00446	0.00400	10.9%	< 0.00005	0.036	0.031	116%	70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517649	0.00092	0.00116	23.1%	0.00048	0.029	0.031	93%	70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517674	0.00087	0.00087	0.0%	0.00028				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517699	0.00236	0.00202	15.5%	< 0.00005				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517501	0.00035	0.00025		0.00035				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517521	0.00051	0.00045	12.5%	< 0.00005				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517547	0.00187	0.00273		< 0.00005				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517572	0.00045	0.00084		< 0.00005				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517598	0.00099	0.00074	28.9%	< 0.00005				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2517605	0.00083	0.00129		< 0.00005				70%	130%

Certified By: Ron Cardinall

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Method Summary

CLIENT NAME: ARCTURUS VENTURES

AGAT WORK ORDER: 11Y507043

PROJECT NO:

ATTENTION TO: BRANDON MACDONALD

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Au			ICP-MS
Au-check			ICP/OES
Sample Login Weight	MIN-12009		BALANCE
Ag	MIN-200-12020		ICP/OES
Al	MIN-200-12020		ICP/OES
As	MIN-200-12020		ICP/OES
B	MIN-200-12020		ICP/OES
Ba	MIN-200-12020		ICP/OES
Be	MIN-200-12020		ICP/OES
Bi	MIN-200-12020		ICP/OES
Ca	MIN-200-12020		ICP/OES
Cd	MIN-200-12020		ICP/OES
Ce	MIN-200-12020		ICP/OES
Co	MIN-200-12020		ICP/OES
Cr	MIN-200-12020		ICP/OES
Cu	MIN-200-12020		ICP/OES
Fe	MIN-200-12020		ICP/OES
Ga	MIN-200-12020		ICP/OES
In	MIN-200-12020		ICP/OES
K	MIN-200-12020		ICP/OES
La	MIN-200-12020		ICP/OES
Li	MIN-200-12020		ICP/OES
Mg	MIN-200-12020		ICP/OES
Mn	MIN-200-12020		ICP/OES
Mo	MIN-200-12020		ICP/OES
Na	MIN-200-12020		ICP/OES
Ni	MIN-200-12020		ICP/OES
P	MIN-200-12020		ICP/OES
Pb	MIN-200-12020		ICP/OES
Rb	MIN-200-12020		ICP/OES
S	MIN-200-12020		ICP/OES
Sb	MIN-200-12020		ICP/OES
Sc	MIN-200-12020		ICP/OES
Se	MIN-200-12020		ICP/OES
Sn	MIN-200-12020		ICP/OES
Sr	MIN-200-12020		ICP/OES
Ta	MIN-200-12020		ICP/OES
Te	MIN-200-12020		ICP/OES
Th	MIN-200-12020		ICP/OES
Ti	MIN-200-12020		ICP/OES
Tl	MIN-200-12020		ICP/OES
U	MIN-200-12020		ICP/OES
V	MIN-200-12020		ICP/OES
W	MIN-200-12020		ICP/OES
Y	MIN-200-12020		ICP/OES
Zn	MIN-200-12020		ICP/OES
Zr	MIN-200-12020		ICP/OES
Hg-CVAA	MIN-200-12022		CVAAS

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Method Summary

CLIENT NAME: ARCTURUS VENTURES

AGAT WORK ORDER: 11Y507043

PROJECT NO:

ATTENTION TO: BRANDON MACDONALD

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

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CLIENT NAME: ARCTURUS VENTURES
P.O. Box 696, 141-757 WEST HASTINGS ST
VANCOUVER, BC V6C1A1

ATTENTION TO: BRANDON MACDINALD

PROJECT NO:

AGAT WORK ORDER: 11Y509846

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Jul 29, 2011

PAGES (INCLUDING COVER): 24

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.00005
SS400 (-)	0.00388
SS401(-)	<0.00005
SS402(-)	0.00153
SS403(-)	0.00253
SS404(-)	0.00488
SS405(-)	0.00176
SS406(-)	0.00176
SS407(-)	0.00184
SS408(-)	0.00305
SS409(-)	0.00297
SS410(-)	0.00150
SS411(-)	0.0106
SS412(-)	0.00049
SS413(-)	0.00230
SS414(-)	0.00186
SS415(-)	0.00077
SS416(-)	0.00146
SS417(-)	0.00199
SS418(-)	0.00152
SS419(-)	0.00111
SS420(-)	0.00312
SS421(-)	0.00073
SS422(-)	0.00408
SS423(-)	0.0115
SS424(-)	0.00871
SS425(-)	0.00081
SS426(-)	0.00021
SS427(-)	0.00179
SS428(-)	0.00461
SS429(-)	0.00018
SS430(-)	0.00730
SS431(-)	0.00087

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.00005
SS432(-)	0.00265
105G 904(-)	0.00144
105G 905(-)	0.00085
105G 906(-)	0.00589
105G11 201(-)	0.00012
105G11 202(-)	0.00050
105G11 203(-)	0.00087
105G11 205(-)	0.00151
105G11 206(-)	<0.00005
105G11 208(-)	0.00405
105G11 209(-)	0.00135
105G11 210(-)	-

Comments: RDL - Reported Detection Limit
NSS = insufficient sample

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
SS400 (-)	0.248	<0.2	1.43	14	<5	95	0.5	<1	0.29	<0.5	56	8.4	33.2	13.6
SS401(-)	0.168	<0.2	0.15	<1	<5	<1	<0.5	<1	0.18	<0.5	<1	<0.5	<0.5	<0.5
SS402(-)	0.078	<0.2	0.96	2	<5	24	<0.5	<1	0.13	<0.5	30	8.8	43.0	12.1
SS403(-)	0.162	<0.2	3.59	17	<5	428	0.9	<1	1.36	<0.5	52	42.2	368	41.2
SS404(-)	0.208	<0.2	1.39	15	<5	140	<0.5	<1	0.32	<0.5	81	10.9	49.7	23.7
SS405(-)	0.184	<0.2	1.82	11	<5	95	<0.5	<1	0.15	<0.5	72	16.0	43.9	46.1
SS406(-)	0.224	<0.2	1.65	36	<5	180	<0.5	<1	0.13	<0.5	61	9.5	43.7	30.7
SS407(-)	0.246	<0.2	1.77	6	<5	93	<0.5	<1	0.24	<0.5	94	18.1	48.6	53.8
SS408(-)	0.292	<0.2	2.06	6	<5	186	<0.5	<1	0.24	<0.5	90	20.8	56.1	44.5
SS409(-)	0.286	<0.2	2.21	6	<5	215	<0.5	<1	0.23	<0.5	95	21.5	69.7	40.1
SS410(-)	0.240	<0.2	2.16	10	<5	213	<0.5	<1	0.28	<0.5	75	20.5	71.2	27.3
SS411(-)	0.310	<0.2	2.08	10	<5	168	<0.5	<1	0.34	<0.5	72	22.9	70.6	29.5
SS412(-)	0.164	<0.2	0.78	4	<5	122	<0.5	<1	0.41	<0.5	25	6.7	21.7	28.2
SS413(-)	0.140	0.3	1.09	6	<5	314	<0.5	<1	1.34	0.6	43	7.1	32.8	84.9
SS414(-)	0.176	0.4	1.04	8	<5	142	<0.5	<1	0.85	<0.5	35	9.6	34.0	77.3
SS415(-)	0.136	<0.2	0.64	2	<5	96	0.5	<1	0.16	<0.5	16	4.5	2.9	13.1
SS416(-)	0.150	<0.2	1.70	17	<5	222	0.6	<1	0.49	<0.5	68	9.6	37.4	21.2
SS417(-)	0.212	0.2	2.21	25	<5	286	0.7	<1	0.44	<0.5	46	9.2	43.2	22.5
SS418(-)	0.110	0.3	0.40	3	<5	46	<0.5	<1	0.10	<0.5	7	2.1	5.0	9.9
SS419(-)	0.172	<0.2	0.95	6	<5	108	0.6	<1	1.18	<0.5	26	3.1	8.5	21.0
SS420(-)	0.138	0.3	1.86	27	<5	109	0.9	<1	1.19	<0.5	64	13.0	38.7	35.0
SS421(-)	0.122	<0.2	0.96	45	<5	106	<0.5	<1	2.31	0.8	27	5.7	17.7	26.1
SS422(-)	0.174	<0.2	2.06	23	<5	64	1.4	<1	0.97	<0.5	53	29.5	31.7	90.6
SS423(-)	0.118	0.9	3.18	12	<5	236	5.3	<1	0.85	0.6	250	22.3	30.4	80.9
SS424(-)	0.142	0.3	2.57	17	<5	99	1.7	<1	1.11	<0.5	62	10.1	50.5	51.2
SS425(-)	0.114	<0.2	0.69	4	<5	43	<0.5	<1	0.10	<0.5	5	2.8	9.2	14.2
SS426(-)	0.116	<0.2	0.47	<1	<5	5	<0.5	<1	0.10	<0.5	<1	<0.5	<0.5	0.9
SS427(-)	0.106	<0.2	1.01	18	<5	374	0.6	<1	1.35	0.7	17	17.4	11.8	23.9
SS428(-)	0.190	0.3	2.78	14	<5	270	1.3	<1	0.57	<0.5	92	18.7	36.9	28.2
SS429(-)	0.164	<0.2	0.41	4	<5	34	<0.5	<1	0.11	<0.5	13	1.7	6.2	7.6
SS430(-)	0.070	0.4	1.40	12	<5	73	1.6	<1	1.25	0.6	40	8.0	20.5	64.9
SS431(-)	0.222	<0.2	2.31	12	<5	185	0.7	<1	0.34	<0.5	58	10.8	44.3	16.1

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
SS432(-)	0.144	0.3	1.10	5	<5	148	0.9	<1	0.20	<0.5	46	3.2	10.4	23.6
105G 904(-)	0.266	<0.2	1.93	20	<5	162	<0.5	<1	0.90	<0.5	65	21.8	48.1	24.2
105G 905(-)	0.526	<0.2	2.08	18	<5	99	<0.5	<1	0.61	<0.5	71	23.6	51.9	20.9
105G 906(-)	0.416	0.4	0.91	149	<5	162	<0.5	<1	0.60	0.7	75	22.6	78.2	47.3
105G11 201(-)	0.110	<0.2	1.36	5	<5	30	<0.5	<1	0.92	<0.5	3	1.2	2.9	2.5
105G11 202(-)	0.126	<0.2	1.43	8	<5	281	<0.5	<1	1.11	<0.5	27	15.1	75.9	100
105G11 203(-)	0.108	<0.2	1.44	11	<5	364	<0.5	<1	0.81	<0.5	30	26.9	76.6	73.8
105G11 205(-)	0.070	<0.2	1.49	17	<5	280	<0.5	<1	1.11	0.8	41	15.4	97.6	29.8
105G11 206(-)	0.028	<0.2	1.55	<1	<5	<1	<0.5	<1	0.79	<0.5	<1	<0.5	<0.5	<0.5
105G11 208(-)	0.034	0.2	1.16	177	<5	554	<0.5	<1	1.21	1.2	50	22.8	38.3	29.6
105G11 209(-)	0.112	0.3	2.38	7	<5	208	1.3	1	0.48	<0.5	43	2.7	10.7	10.8
105G11 210(-)	NSS	-	-	-	-	-	-	-	-	-	-	-	-	-
BM025	0.39	0.2	0.31	2	<5	27	<0.5	<1	10.9	<0.5	42	29.2	41.4	125
BM026	0.59	<0.2	0.60	<1	<5	35	<0.5	<1	21.4	<0.5	27	17.0	191	134
5238061	0.37	0.2	0.35	6	<5	143	<0.5	<1	0.02	<0.5	98	1.1	156	22.4
5238062	0.56	0.4	0.85	244	<5	251	0.9	<1	<0.01	<0.5	119	1.3	98.8	61.7
5238063	0.85	<0.2	1.13	5	<5	188	1.0	<1	0.18	2.4	134	5.2	98.6	17.1
5238064	0.84	<0.2	0.91	3	<5	149	0.9	<1	0.16	1.2	171	3.1	89.2	14.1
5238065	0.73	0.7	1.31	2	<5	216	1.0	1	0.14	2.6	125	4.6	116	73.2
5238066	0.75	<0.2	0.78	3	<5	295	<0.5	<1	0.17	0.8	120	2.4	145	52.5
5238067	0.99	0.3	0.56	3	<5	340	<0.5	<1	1.64	<0.5	98	2.5	151	22.5
5238068	1.10	0.2	0.79	2	<5	245	<0.5	<1	0.48	1.5	126	2.5	128	20.0
5238069	0.86	<0.2	0.94	7	<5	137	<0.5	<1	0.79	<0.5	122	2.3	88.1	14.5
5238070	0.57	<0.2	0.79	6	<5	143	<0.5	<1	1.43	<0.5	82	3.6	103	12.6
5238071	1.05	<0.2	0.91	1	<5	146	<0.5	<1	1.44	<0.5	106	4.9	113	11.8
5238072	1.02	<0.2	1.13	2	<5	230	<0.5	<1	2.07	<0.5	129	3.6	175	1.9
5238073	0.73	<0.2	1.84	5	<5	323	<0.5	<1	0.11	<0.5	59	6.0	150	133
5237074	0.91	<0.2	2.99	2	<5	673	0.8	<1	0.79	<0.5	96	10.8	181	48.2
5238075	0.77	<0.2	1.54	3	<5	700	0.6	<1	2.74	<0.5	104	9.8	165	89.4
5238076	0.75	<0.2	1.26	6	<5	279	<0.5	<1	1.29	<0.5	77	9.3	139	134
5238077	1.00	<0.2	1.01	1	<5	346	<0.5	<1	0.64	<0.5	105	5.2	219	102
5238078	0.89	<0.2	1.39	3	10	92	0.7	<1	2.57	0.8	78	16.4	127	36.2

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu
Unit:	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5
5238079	0.86	<0.2	2.57	8	<5	208	0.5	<1	0.90	1.0	106	12.1	231	48.4
5238080	1.02	<0.2	4.37	5	<5	874	1.0	<1	7.50	<0.5	30	25.5	166	17.0
5238081	0.81	4.7	2.47	8	<5	893	0.7	<1	1.60	<0.5	62	9.4	208	38.5
5238082	0.95	<0.2	3.61	<1	<5	538	0.7	<1	2.10	<0.5	60	16.2	109	10.3
5238083	0.99	<0.2	1.39	<1	<5	267	<0.5	<1	3.74	<0.5	84	5.4	83.6	2.2
5238084	1.07	<0.2	2.07	1	<5	508	<0.5	<1	0.74	<0.5	41	7.4	74.8	65.6
5238085	0.88	<0.2	0.70	208	8	60	0.6	<1	0.54	<0.5	92	1.4	98.1	15.5
5238086	0.82	<0.2	0.73	6	<5	65	0.6	<1	0.08	<0.5	80	2.7	113	14.8
5238087	1.00	<0.2	0.62	49	<5	50	0.6	<1	0.34	<0.5	133	2.0	120	20.1
5238088	0.67	<0.2	5.20	7	<5	818	0.9	<1	3.01	<0.5	44	23.5	231	5.4
5238089	0.97	<0.2	2.80	<1	<5	761	0.6	<1	3.56	<0.5	30	27.8	158	22.8
5238090	1.07	<0.2	2.88	48	<5	74	0.5	<1	5.43	<0.5	62	14.7	96.7	22.3
5238091	0.85	<0.2	2.87	4	<5	89	0.7	<1	1.64	<0.5	67	14.5	119	20.7
5238092	0.91	<0.2	4.49	2	<5	313	0.6	<1	3.98	<0.5	20	33.9	274	24.6

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ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
SS400 (-)	2.44	6	<1	0.09	28	20	0.62	349	0.9	<0.01	22.5	745	15.2	19
SS401(-)	0.19	<5	<1	0.03	<1	<1	0.03	59	<0.5	0.06	<0.5	<10	<0.5	<10
SS402(-)	2.02	5	<1	0.04	14	7	0.69	331	0.8	0.02	21.7	329	7.8	<10
SS403(-)	5.92	16	<1	0.17	27	30	4.33	1420	0.7	<0.01	177	1430	16.0	18
SS404(-)	3.43	7	<1	0.10	41	11	0.61	768	2.0	<0.01	25.4	539	20.9	19
SS405(-)	4.23	7	<1	0.06	32	18	0.83	821	1.3	<0.01	28.6	581	17.9	<10
SS406(-)	3.26	10	<1	0.08	30	15	0.56	502	1.6	<0.01	26.4	343	13.5	20
SS407(-)	4.69	6	<1	0.06	46	19	0.95	860	0.8	<0.01	36.3	643	11.4	<10
SS408(-)	4.63	11	<1	0.05	48	18	1.09	1110	0.7	<0.01	39.2	567	10.1	<10
SS409(-)	5.06	12	<1	0.06	51	20	1.22	1050	0.7	<0.01	43.8	532	11.3	11
SS410(-)	4.51	12	<1	0.06	36	20	1.12	855	1.1	<0.01	49.4	760	8.9	10
SS411(-)	4.97	10	<1	0.07	38	19	1.11	1130	1.4	<0.01	53.4	717	9.3	<10
SS412(-)	1.68	<5	<1	0.04	20	6	0.28	562	0.8	0.04	18.0	702	5.0	<10
SS413(-)	1.93	10	<1	0.04	68	5	0.26	982	1.7	0.03	31.1	1830	7.3	<10
SS414(-)	2.23	<5	<1	0.04	45	6	0.25	628	1.3	0.03	29.2	671	7.8	<10
SS415(-)	0.67	<5	<1	0.02	8	2	0.04	1140	2.0	0.05	5.4	565	1.8	<10
SS416(-)	2.66	11	<1	0.15	35	24	0.69	460	0.9	0.01	25.6	833	14.1	26
SS417(-)	3.06	15	<1	0.25	23	27	0.70	374	1.4	0.01	28.2	703	18.0	49
SS418(-)	0.79	<5	<1	0.04	5	3	0.07	41	<0.5	0.05	5.8	203	3.0	<10
SS419(-)	0.84	<5	<1	0.06	33	10	0.13	149	<0.5	0.05	16.7	460	4.3	<10
SS420(-)	2.78	6	<1	0.13	42	32	0.65	530	1.0	0.02	32.6	958	16.7	33
SS421(-)	1.32	<5	<1	0.07	12	13	0.31	389	1.1	0.02	15.1	717	7.8	11
SS422(-)	4.71	7	<1	0.18	44	42	0.66	639	1.7	0.02	61.5	537	12.4	35
SS423(-)	2.08	11	<1	0.12	183	33	0.30	1990	2.9	0.03	47.0	1280	12.0	29
SS424(-)	2.92	8	<1	0.20	72	60	0.67	210	1.4	0.02	39.6	679	13.1	54
SS425(-)	1.07	<5	<1	0.06	3	7	0.10	67	0.6	0.04	7.7	296	3.6	13
SS426(-)	0.58	<5	<1	0.04	<1	<1	0.07	130	<0.5	0.04	0.5	28	<0.5	<10
SS427(-)	3.83	12	<1	0.06	7	13	0.20	5670	6.5	0.04	18.4	646	5.0	<10
SS428(-)	4.13	14	<1	0.18	53	61	0.70	596	2.4	0.03	32.9	622	17.8	38
SS429(-)	0.61	<5	<1	0.04	6	4	0.12	48	<0.5	0.03	3.9	266	3.6	<10
SS430(-)	1.52	<5	<1	0.11	52	24	0.28	1010	1.1	0.04	23.2	766	7.5	21
SS431(-)	3.11	12	<1	0.14	29	36	0.73	401	1.4	0.01	24.8	480	12.0	41

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Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
SS432(-)	1.24	<5	<1	0.05	24	6	0.08	263	2.3	0.04	8.3	1160	3.7	<10
105G 904(-)	4.70	7	<1	0.08	36	20	0.99	2800	1.4	0.01	37.0	1040	12.3	12
105G 905(-)	4.94	7	<1	0.06	35	23	1.13	1680	1.3	<0.01	40.3	1190	12.7	<10
105G 906(-)	4.18	<5	<1	0.09	41	10	1.07	818	3.2	<0.01	106	854	30.1	<10
105G11 201(-)	3.78	<5	<1	0.15	2	<1	1.23	2720	<0.5	0.02	4.9	54	0.8	<10
105G11 202(-)	2.72	11	<1	0.36	13	8	1.30	340	<0.5	0.04	23.2	2520	8.5	40
105G11 203(-)	2.42	13	<1	0.39	14	10	1.21	594	<0.5	0.03	21.8	1470	9.5	51
105G11 205(-)	2.83	11	<1	0.14	21	19	1.03	1710	0.7	0.02	45.1	1330	9.2	27
105G11 206(-)	3.70	<5	<1	0.14	<1	<1	0.87	1550	<0.5	0.02	<0.5	<10	<0.5	<10
105G11 208(-)	9.13	14	<1	0.08	33	10	0.66	6070	1.8	0.01	52.8	650	17.2	<10
105G11 209(-)	2.62	<5	<1	0.17	30	15	0.41	242	1.2	0.02	10.1	397	10.3	24
105G11 210(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BM025	6.65	<5	<1	0.05	22	3	3.40	2820	4.4	0.03	9.2	509	16.3	<10
BM026	2.42	<5	<1	0.04	10	3	1.05	1370	1.3	<0.01	95.2	131	4.4	<10
5238061	0.62	<5	<1	0.36	51	2	<0.01	18	3.4	<0.01	4.3	129	20.8	<10
5238062	1.71	10	<1	0.68	78	9	0.08	53	5.9	<0.01	2.4	211	175	32
5238063	1.20	5	<1	0.80	95	13	0.28	803	2.7	<0.01	3.5	224	44.1	53
5238064	1.07	5	<1	0.69	87	13	0.17	588	1.9	<0.01	2.7	243	30.1	37
5238065	1.18	10	<1	0.92	70	17	0.35	990	2.6	<0.01	3.6	86	281	58
5238066	1.10	10	<1	0.38	60	9	0.10	304	4.5	0.01	3.2	161	10.2	18
5238067	0.84	11	<1	0.38	50	4	0.05	334	3.5	0.04	3.7	168	6.1	14
5238068	0.91	<5	<1	0.41	72	9	0.17	875	2.9	0.05	4.0	306	4.0	19
5238069	1.21	<5	<1	0.46	62	17	0.43	499	4.4	0.03	4.3	146	3.9	18
5238070	1.10	<5	<1	0.41	38	7	0.34	518	5.7	0.02	6.5	171	3.4	29
5238071	1.11	<5	<1	0.47	54	7	0.37	575	5.2	0.02	8.9	161	4.9	19
5238072	0.64	10	<1	0.78	65	4	0.11	376	3.3	0.02	4.5	261	8.6	26
5238073	2.48	15	<1	1.11	23	27	0.94	440	6.0	0.09	11.7	328	7.2	54
5237074	3.32	12	<1	1.96	50	36	2.07	956	5.2	0.12	13.4	505	5.8	67
5238075	2.05	26	<1	0.85	53	19	0.64	1950	3.9	0.06	11.1	218	8.8	26
5238076	2.12	12	<1	0.65	38	18	0.64	442	1.7	0.09	10.3	211	4.3	22
5238077	0.99	14	<1	0.44	52	9	0.22	197	3.4	0.20	4.5	159	4.7	11
5238078	4.60	<5	<1	0.48	39	54	1.42	1540	4.1	0.05	21.8	488	5.7	26

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Fe	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Unit:	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10
5238079	3.55	11	<1	0.37	51	52	2.04	665	2.1	0.17	29.0	376	4.6	13
5238080	5.60	14	<1	3.27	15	41	2.86	2240	2.5	0.05	29.6	409	12.8	114
5238081	2.87	11	<1	1.31	32	39	1.68	701	4.4	0.18	21.0	468	13.7	117
5238082	5.59	15	<1	3.06	30	37	2.17	979	3.0	0.03	15.6	896	5.3	126
5238083	1.87	12	<1	0.98	45	14	0.72	1030	0.7	0.02	15.6	370	8.8	39
5238084	4.32	11	<1	1.16	20	17	1.44	701	1.8	0.11	20.2	455	5.2	38
5238085	0.89	<5	<1	0.47	47	8	0.33	169	4.6	0.03	1.8	131	6.5	24
5238086	1.83	<5	<1	0.47	38	12	0.12	78	4.0	0.01	2.3	199	2.6	21
5238087	1.36	<5	<1	0.40	65	9	0.20	153	3.7	<0.01	2.3	260	19.4	19
5238088	6.53	18	<1	2.93	21	72	3.57	1180	1.8	0.03	43.2	442	5.5	210
5238089	5.13	13	<1	1.40	15	54	2.53	971	0.8	0.13	42.4	673	6.9	79
5238090	3.50	11	<1	0.44	35	56	1.94	1160	1.3	0.02	29.8	427	21.9	40
5238091	4.16	11	<1	1.43	33	44	1.34	789	2.5	0.05	23.4	601	5.5	124
5238092	4.85	12	<1	2.41	9	62	3.76	1080	0.9	0.08	66.4	495	8.9	134

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DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
SS400 (-)	0.013	<1	2.6	<10	<5	19.4	<10	<10	<5	0.06	<5	<5	35.8	2
SS401(-)	0.023	<1	<0.5	<10	<5	<0.5	<10	<10	<5	0.01	<5	<5	<0.5	<1
SS402(-)	0.011	<1	2.4	<10	<5	7.5	<10	<10	<5	0.06	<5	<5	36.8	<1
SS403(-)	0.059	2	7.7	<10	<5	73.2	<10	<10	<5	0.34	<5	<5	101	<1
SS404(-)	0.032	<1	2.0	<10	5	23.3	<10	<10	<5	0.04	<5	<5	53.2	<1
SS405(-)	0.026	<1	4.3	<10	<5	11.4	<10	<10	<5	0.04	<5	<5	55.4	<1
SS406(-)	0.014	1	3.2	<10	<5	11.7	<10	<10	<5	0.05	<5	<5	56.5	<1
SS407(-)	0.011	<1	4.2	<10	<5	15.8	<10	<10	6	0.11	<5	<5	55.7	<1
SS408(-)	0.008	<1	5.5	<10	<5	15.8	<10	<10	7	0.06	<5	<5	53.1	<1
SS409(-)	0.018	<1	6.8	<10	<5	15.5	<10	<10	6	0.06	<5	<5	59.9	<1
SS410(-)	0.014	<1	4.9	<10	<5	17.2	<10	<10	<5	0.04	<5	<5	54.5	<1
SS411(-)	0.009	<1	5.2	<10	<5	18.8	<10	<10	8	0.07	<5	<5	56.3	<1
SS412(-)	0.069	<1	1.3	<10	<5	28.1	<10	<10	<5	0.03	<5	<5	30.6	<1
SS413(-)	0.254	<1	3.0	<10	<5	66.4	<10	<10	<5	0.01	<5	13	21.6	<1
SS414(-)	0.099	<1	2.6	<10	<5	37.0	<10	<10	<5	0.02	<5	<5	26.7	<1
SS415(-)	0.042	<1	<0.5	<10	<5	16.5	<10	<10	<5	0.02	<5	6	8.2	<1
SS416(-)	0.044	<1	2.9	<10	<5	35.5	<10	<10	<5	0.05	<5	<5	35.1	<1
SS417(-)	0.027	<1	3.2	<10	<5	32.6	<10	<10	<5	0.05	<5	<5	46.6	1
SS418(-)	0.023	<1	<0.5	<10	<5	13.4	<10	<10	<5	0.01	<5	<5	19.0	<1
SS419(-)	0.102	<1	1.3	<10	<5	80.1	<10	<10	<5	0.02	<5	<5	14.9	<1
SS420(-)	0.162	<1	3.1	<10	<5	103	<10	<10	<5	0.03	<5	10	30.4	<1
SS421(-)	0.220	<1	1.3	<10	<5	165	<10	<10	<5	0.02	<5	<5	15.5	<1
SS422(-)	0.071	<1	7.4	<10	<5	70.3	<10	<10	6	0.03	<5	<5	29.9	2
SS423(-)	0.194	<1	4.9	<10	<5	94.5	<10	<10	<5	0.01	<5	217	25.4	2
SS424(-)	0.219	<1	6.7	<10	<5	97.1	<10	<10	<5	0.02	<5	150	40.9	2
SS425(-)	0.031	<1	0.7	<10	<5	14.4	<10	<10	<5	0.03	<5	<5	25.1	<1
SS426(-)	0.026	<1	<0.5	<10	<5	2.0	<10	<10	<5	0.01	<5	<5	1.5	<1
SS427(-)	0.179	<1	1.2	<10	<5	132	<10	<10	<5	0.02	<5	9	15.0	1
SS428(-)	0.064	<1	5.2	<10	<5	60.2	<10	<10	10	0.03	<5	30	35.9	1
SS429(-)	0.022	<1	<0.5	<10	<5	11.7	<10	<10	<5	0.01	<5	<5	12.5	1
SS430(-)	0.179	<1	4.3	<10	<5	82.0	<10	<10	<5	0.02	<5	16	21.9	1
SS431(-)	0.025	<1	4.0	<10	<5	31.9	<10	<10	<5	0.05	<5	<5	45.4	3

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DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
SS432(-)	0.097	<1	0.8	<10	<5	22.2	<10	<10	<5	0.02	<5	23	16.3	<1
105G 904(-)	0.072	<1	3.7	<10	<5	53.0	<10	<10	<5	0.03	<5	<5	40.2	<1
105G 905(-)	0.025	<1	3.8	<10	<5	38.1	<10	<10	7	0.05	<5	<5	45.0	<1
105G 906(-)	0.079	3	3.7	<10	<5	33.1	<10	<10	8	<0.01	<5	<5	28.5	<1
105G11 201(-)	0.068	<1	<0.5	<10	<5	1.9	<10	<10	<5	0.09	<5	<5	2.1	<1
105G11 202(-)	0.076	<1	4.8	<10	<5	64.7	<10	<10	<5	0.13	<5	<5	76.1	<1
105G11 203(-)	0.041	<1	4.9	<10	<5	45.9	<10	<10	<5	0.11	<5	<5	61.5	<1
105G11 205(-)	0.078	<1	4.0	<10	<5	55.4	<10	<10	<5	0.07	<5	<5	50.6	<1
105G11 206(-)	0.073	<1	<0.5	<10	<5	<0.5	<10	<10	<5	0.06	<5	<5	<0.5	<1
105G11 208(-)	0.108	1	2.8	<10	<5	92.1	<10	<10	5	0.01	<5	<5	25.7	<1
105G11 209(-)	0.055	<1	1.7	<10	<5	19.9	<10	<10	<5	0.01	<5	11	12.2	6
105G11 210(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BM025	0.647	<1	2.0	<10	<5	1060	<10	<10	<5	0.01	<5	<5	11.8	<1
BM026	0.348	<1	10.5	<10	<5	689	<10	<10	<5	<0.01	<5	<5	20.0	<1
5238061	0.079	<1	<0.5	<10	<5	23.0	<10	<10	19	<0.01	<5	<5	3.1	<1
5238062	0.119	1	1.1	<10	<5	16.6	<10	<10	38	0.01	<5	<5	4.2	<1
5238063	0.008	<1	1.0	<10	<5	8.5	<10	<10	26	0.04	<5	<5	3.9	<1
5238064	<0.005	<1	1.2	<10	<5	7.1	<10	<10	34	0.02	<5	<5	4.8	<1
5238065	0.053	<1	1.0	<10	<5	6.4	<10	<10	26	0.04	<5	<5	3.8	<1
5238066	0.080	<1	0.6	<10	<5	8.6	<10	<10	29	<0.01	<5	<5	2.7	<1
5238067	0.107	<1	0.8	<10	<5	20.0	<10	<10	26	<0.01	<5	<5	3.0	<1
5238068	0.010	<1	1.0	<10	<5	13.2	<10	<10	26	0.02	<5	<5	4.1	<1
5238069	0.148	<1	1.1	<10	<5	17.1	<10	<10	31	0.02	<5	<5	5.4	<1
5238070	0.205	2	3.6	<10	<5	36.0	<10	<10	21	0.02	<5	<5	8.0	<1
5238071	0.213	<1	0.9	<10	<5	38.2	<10	<10	30	0.01	<5	<5	4.2	<1
5238072	0.156	<1	1.6	<10	<5	44.9	<10	<10	28	0.02	<5	<5	8.7	<1
5238073	0.207	<1	1.9	<10	<5	9.6	<10	<10	30	0.11	<5	<5	8.7	<1
5237074	0.299	<1	6.3	<10	<5	34.6	<10	<10	25	0.25	<5	<5	38.7	<1
5238075	0.971	<1	3.0	<10	<5	80.1	<10	<10	21	0.05	<5	<5	24.1	<1
5238076	0.655	<1	2.6	<10	<5	27.6	<10	<10	26	0.10	<5	5	17.3	<1
5238077	0.189	<1	2.1	<10	<5	24.0	<10	<10	29	0.03	<5	6	6.0	<1
5238078	0.265	<1	6.4	<10	<5	94.7	<10	<10	15	<0.01	<5	<5	29.0	<1

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DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Unit:	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Sample Description RDL:	0.005	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1
5238079	0.084	<1	7.2	<10	<5	36.1	<10	<10	21	0.05	<5	<5	62.6	<1
5238080	0.226	<1	12.3	<10	<5	201	<10	<10	<5	0.54	<5	<5	123	<1
5238081	0.163	<1	8.8	<10	<5	137	<10	<10	20	0.24	<5	7	87.2	26
5238082	0.293	<1	8.7	<10	<5	50.4	<10	<10	11	0.61	<5	<5	95.8	<1
5238083	0.102	<1	3.5	<10	<5	98.7	<10	<10	24	0.17	<5	<5	30.4	<1
5238084	0.654	<1	4.2	<10	<5	41.3	<10	<10	5	0.26	<5	<5	24.7	<1
5238085	0.078	<1	0.9	<10	<5	26.8	<10	<10	28	0.01	<5	<5	3.4	<1
5238086	0.772	2	1.2	<10	<5	5.9	<10	<10	20	<0.01	<5	<5	3.4	<1
5238087	0.413	<1	1.6	<10	<5	13.4	<10	<10	21	<0.01	<5	<5	3.3	<1
5238088	0.088	<1	13.6	<10	<5	133	<10	<10	8	0.41	<5	<5	124	<1
5238089	0.339	<1	12.9	<10	<5	236	<10	<10	6	0.61	<5	<5	153	<1
5238090	0.144	<1	4.1	<10	<5	105	<10	<10	12	0.01	<5	<5	53.7	<1
5238091	0.265	<1	7.7	<10	<5	53.7	<10	<10	18	0.40	<5	<5	109	<1
5238092	0.156	<1	15.2	<10	<5	110	<10	<10	<5	0.54	<5	<5	130	<1

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DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
SS400 (-)	10	65.4	<5	0.033
SS401(-)	<1	<0.5	<5	<0.01
SS402(-)	4	40.5	<5	0.01
SS403(-)	8	96.4	<5	0.03
SS404(-)	6	63.1	<5	0.02
SS405(-)	9	71.9	<5	0.03
SS406(-)	5	58.2	<5	0.03
SS407(-)	11	81.2	<5	0.01
SS408(-)	16	77.1	<5	0.01
SS409(-)	16	78.7	<5	0.02
SS410(-)	12	82.8	<5	0.02
SS411(-)	14	83.8	<5	0.02
SS412(-)	11	37.5	<5	0.02
SS413(-)	53	45.4	<5	0.07
SS414(-)	29	38.1	<5	0.06
SS415(-)	5	10.5	<5	0.04
SS416(-)	13	79.5	<5	0.04
SS417(-)	10	89.8	<5	0.03
SS418(-)	2	17.6	<5	0.03
SS419(-)	18	23.5	<5	0.04
SS420(-)	26	97.5	<5	0.081
SS421(-)	5	57.2	<5	0.070
SS422(-)	36	122	<5	0.03
SS423(-)	169	226	<5	0.15
SS424(-)	59	120	<5	0.09
SS425(-)	1	30.3	<5	0.03
SS426(-)	<1	2.4	<5	<0.01
SS427(-)	6	52.7	<5	0.06
SS428(-)	26	87.3	<5	0.06
SS429(-)	2	15.3	<5	0.03
SS430(-)	62	81.5	<5	0.08
SS431(-)	7	60.2	<5	0.02

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Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
SS432(-)	16	20.8	<5	0.11
105G 904(-)	15	103	<5	0.03
105G 905(-)	14	90.2	<5	0.02
105G 906(-)	14	145	<5	0.04
105G11 201(-)	<1	4.0	<5	<0.01
105G11 202(-)	6	46.4	<5	0.04
105G11 203(-)	7	56.4	<5	0.03
105G11 205(-)	10	105	<5	0.04
105G11 206(-)	<1	<0.5	<5	<0.01
105G11 208(-)	16	121	<5	0.067
105G11 209(-)	13	44.3	<5	0.065
105G11 210(-)	-	-	-	-
BM025	11	56.2	<5	0.01
BM026	23	17.1	<5	<0.01
5238061	6	36.6	<5	0.04
5238062	5	182	14	0.027
5238063	25	447	29	0.01
5238064	16	358	39	0.01
5238065	14	529	20	0.01
5238066	19	268	9	<0.01
5238067	15	42.9	15	<0.01
5238068	20	303	15	<0.01
5238069	12	83.5	10	<0.01
5238070	10	27.0	18	<0.01
5238071	9	34.1	18	<0.01
5238072	28	28.1	25	<0.01
5238073	9	251	54	<0.01
5237074	25	133	14	<0.01
5238075	23	210	8	0.03
5238076	26	144	15	0.01
5238077	27	49.8	10	<0.01
5238078	19	329	<5	0.02

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Soil

Analyte:	Y	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	5	0.01
5238079	21	264	<5	<0.01
5238080	19	88.3	<5	<0.01
5238081	15	180	36	0.02
5238082	18	101	<5	<0.01
5238083	23	57.7	5	<0.01
5238084	25	63.6	<5	<0.01
5238085	8	38.6	8	<0.01
5238086	7	50.2	<5	<0.01
5238087	12	74.6	<5	<0.01
5238088	19	78.7	<5	<0.01
5238089	24	78.9	<5	<0.01
5238090	14	200	<5	<0.01
5238091	23	62.3	<5	<0.01
5238092	15	66.8	<5	<0.01

Comments: RDL - Reported Detection Limit
NSS = insufficient sample

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
BM025	0.003
BM026	<0.001
5238061	<0.001
5238062	0.001
5238063	<0.001
5238064	<0.001
5238065	0.004
5238066	<0.001
5238067	<0.001
5238068	<0.001
5238069	<0.001
5238070	0.003
5238071	<0.001
5238072	<0.001
5238073	0.001
5237074	0.001
5238075	<0.001
5238076	<0.001
5238077	<0.001
5238078	<0.001
5238079	<0.001
5238080	<0.001
5238081	0.001
5238082	<0.001
5238083	<0.001
5238084	0.001
5238085	<0.001
5238086	<0.001
5238087	<0.001
5238088	<0.001
5238089	<0.001
5238090	<0.001

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y509846
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDINALD

Fire Assay - Trace Au, ICP-OES finish (202052)

DATE SAMPLED: Jul 13, 2011 | DATE RECEIVED: Jul 12, 2011 | DATE REPORTED: Jul 29, 2011 | SAMPLE TYPE: Rock

Analyte:	Au
Unit:	ppm
Sample Description RDL:	0.001
5238091	<0.001
5238092	<0.001

Comments: RDL - Reported Detection Limit
NSS = insufficient sample

Certified By: Ron Cardinall

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y509846
PROJECT NO:
ATTENTION TO: BRANDON MACDINALD

Solid Analysis

RPT Date: Jul 29, 2011

PARAMETER	Batch	REPLICATE				Method Blank	REFERENCE MATERIAL				
		Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2537606	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2537606	1.43	1.49	4.1%	< 0.01				80%	120%
As	1	2537606	14	14	0.0%	< 1	20.9	22.0	95%	80%	120%
B	1	2537606	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2537606	95	99	4.1%	< 1				80%	120%
Be	1	2537606	0.54	0.58	7.1%	< 0.5				80%	120%
Bi	1	2537606	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2537606	0.294	0.312	5.9%	< 0.01				80%	120%
Cd	1	2537606	< 0.5	< 0.5	0.0%	< 0.5	0.915	1.00	91%	80%	120%
Ce	1	2537606	56	58	3.5%	< 1				80%	120%
Co	1	2537606	8.45	8.90	5.2%	< 0.5				80%	120%
Cr	1	2537606	33.2	36.7	10.0%	< 0.5	31.8	34.0	93%	80%	120%
Cu	1	2537606	13.6	14.2	4.3%	< 0.5				80%	120%
Fe	1	2537606	2.44	2.48	1.6%	< 0.01	3.27	3.40	96%	80%	120%
Ga	1	2537606	6	6	0.0%	< 5				80%	120%
In	1	2537606	< 1	< 1	0.0%	< 1				80%	120%
K	1	2537606	0.092	0.102	10.3%	< 0.01				80%	120%
La	1	2537606	28	29	3.5%	< 1	20	17	119%	80%	120%
Li	1	2537606	20	21	4.9%	< 1				80%	120%
Mg	1	2537606	0.62	0.63	1.6%	< 0.01				80%	120%
Mn	1	2537606	349	367	5.0%	< 1	2763	2630	105%	80%	120%
Mo	1	2537606	0.9	0.9	0.0%	< 0.5				80%	120%
Na	1	2537606	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Ni	1	2537606	22.5	23.5	4.3%	< 0.5				80%	120%
P	1	2537606	745	787	5.5%	< 10				80%	120%
Pb	1	2537606	15.2	16.4	7.6%	< 0.5	31.6	39.0	81%	80%	120%
Rb	1	2537606	19	20	5.1%	< 10				80%	120%
S	1	2537606	0.0131	0.0136	3.7%	< 0.005				80%	120%
Sb	1	2537606	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2537606	2.6	2.6	0.0%	< 0.5				80%	120%
Se	1	2537606	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2537606	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2537606	19.4	20.9	7.4%	< 0.5				80%	120%
Ta	1	2537606	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2537606	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2537606	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2537606	0.061	0.067	9.4%	< 0.01	0.06	0.07	86%	80%	120%
Tl	1	2537606	< 5	< 5	0.0%	< 5	0.3	0.3	109%	80%	120%
U	1	2537606	< 5	< 5	0.0%	< 5				80%	120%
V	1	2537606	35.8	38.5	7.3%	< 0.5				80%	120%
W	1	2537606	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2537606	10	10	0.0%	< 1				80%	120%
Zn	1	2537606	65.4	68.5	4.6%	10.1	192	204	94%	80%	120%
Zr	1	2537606	< 5	< 5	0.0%	< 5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES

AGAT WORK ORDER: 11Y509846

PROJECT NO:

ATTENTION TO: BRANDON MACDINALD

Solid Analysis (Continued)

RPT Date: Jul 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2537626	0.3	0.3	0.0%	< 0.2	7	7	102%	80%	120%
Al	1	2537626	1.86	1.88	1.1%	< 0.01	0.425	0.359	118%	80%	120%
As	1	2537626	27	27	0.0%	< 1				80%	120%
B	1	2537626	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2537626	109	105	3.7%	< 1				80%	120%
Be	1	2537626	0.89	0.83	7.0%	< 0.5				80%	120%
Bi	1	2537626	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2537626	1.19	1.19	0.0%	< 0.01	0.612	0.635	96%	80%	120%
Cd	1	2537626	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2537626	64	62	3.2%	< 1				80%	120%
Co	1	2537626	13.0	12.7	2.3%	< 0.5	5	5.0	101%	80%	120%
Cr	1	2537626	38.7	37.7	2.6%	< 0.5				80%	120%
Cu	1	2537626	35.0	34.6	1.1%	< 0.5	4694	4700	100%	80%	120%
Fe	1	2537626	2.78	2.80	0.7%	< 0.01	1.21	1.31	93%	80%	120%
Ga	1	2537626	6	6	0.0%	< 5				80%	120%
In	1	2537626	< 1	< 1	0.0%	< 1				80%	120%
K	1	2537626	0.13	0.13	0.0%	< 0.01	0.21	0.18	116%	80%	120%
La	1	2537626	42	42	0.0%	< 1				80%	120%
Li	1	2537626	32	28	13.3%	< 1				80%	120%
Mg	1	2537626	0.65	0.65	0.0%	< 0.01	0.104	0.098	106%	80%	120%
Mn	1	2537626	530	530	0.0%	< 1				80%	120%
Mo	1	2537626	1.0	1.0	0.0%	< 0.5	294	280	105%	80%	120%
Na	1	2537626	0.015	0.015	0.0%	< 0.01	0.034	0.038	90%	80%	120%
Ni	1	2537626	32.6	31.8	2.5%	< 0.5	7	7	98%	80%	120%
P	1	2537626	958	891	7.2%	< 10				80%	120%
Pb	1	2537626	16.7	15.9	4.9%	< 0.5	28	30	92%	80%	120%
Rb	1	2537626	33	32	3.1%	< 10				80%	120%
S	1	2537626	0.162	0.164	1.2%	< 0.005	0.635	0.621	102%	80%	120%
Sb	1	2537626	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2537626	3.1	3.1	0.0%	< 0.5				80%	120%
Se	1	2537626	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2537626	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2537626	103	101	2.0%	< 0.5	274	390	70%	80%	120%
Ta	1	2537626	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2537626	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2537626	< 5	< 5	0.0%	< 5				80%	120%
Ti	1	2537626	0.03	0.03	0.0%	< 0.01	0.013	0.011	120%	80%	120%
Tl	1	2537626	< 5	< 5	0.0%	< 5				80%	120%
U	1	2537626	10	9	10.5%	< 5				80%	120%
V	1	2537626	30.4	31.2	2.6%	< 0.5				80%	120%
W	1	2537626	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2537626	26	25	3.9%	< 1				80%	120%
Zn	1	2537626	97.5	95.3	2.3%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y509846
PROJECT NO:
ATTENTION TO: BRANDON MACDINALD

Solid Analysis (Continued)

RPT Date: Jul 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Zr	1	2537626	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2537652	0.2	0.2	0.0%	< 0.2	8	7	118%	80%	120%
Al	1	2537652	0.35	0.34	2.9%	< 0.01	0.356	0.359	99%	80%	120%
As	1	2537652	6	6	0.0%	< 1				80%	120%
B	1	2537652	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2537652	143	171	17.8%	< 1				80%	120%
Be	1	2537652	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Bi	1	2537652	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2537652	0.02	0.02	0.0%	< 0.01	0.668	0.635	105%	80%	120%
Cd	1	2537652	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2537652	98	94	4.2%	< 1				80%	120%
Co	1	2537652	1.07	0.92	15.1%	< 0.5	5.8	5.0	117%	80%	120%
Cr	1	2537652	156	168	7.4%	< 0.5				80%	120%
Cu	1	2537652	22.4	21.4	4.6%	< 0.5	4884	4700	104%	80%	120%
Fe	1	2537652	0.618	0.592	4.3%	< 0.01	1.28	1.31	98%	80%	120%
Ga	1	2537652	< 5	< 5	0.0%	< 5				80%	120%
In	1	2537652	< 1	< 1	0.0%	< 1				80%	120%
K	1	2537652	0.36	0.35	2.8%	< 0.01	0.17	0.18	95%	80%	120%
La	1	2537652	51	49	4.0%	< 1				80%	120%
Li	1	2537652	2	2	0.0%	< 1				80%	120%
Mg	1	2537652	< 0.01	< 0.01	0.0%	< 0.01	0.105	0.098	107%	80%	120%
Mn	1	2537652	18	18	0.0%	< 1				80%	120%
Mo	1	2537652	3.42	3.68	7.3%	< 0.5	305	280	109%	80%	120%
Na	1	2537652	< 0.01	< 0.01	0.0%	< 0.01	0.032	0.038	85%	80%	120%
Ni	1	2537652	4.3	3.2	29.3%	< 0.5	7	7	101%	80%	120%
P	1	2537652	129	122	5.6%	< 10				80%	120%
Pb	1	2537652	20.8	21.8	4.7%	< 0.5	38	30	128%	80%	120%
Rb	1	2537652	< 10	< 10	0.0%	< 10				80%	120%
S	1	2537652	0.079	0.074	6.5%	< 0.005	0.637	0.621	103%	80%	120%
Sb	1	2537652	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2537652	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Se	1	2537652	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2537652	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2537652	23.0	17.9	24.9%	< 0.5				80%	120%
Ta	1	2537652	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2537652	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2537652	19	19	0.0%	< 5				80%	120%
Ti	1	2537652	< 0.01	< 0.01	0.0%	< 0.01	0.011	0.011	100%	80%	120%
Tl	1	2537652	< 5	< 5	0.0%	< 5				80%	120%
U	1	2537652	< 5	< 5	0.0%	< 5				80%	120%
V	1	2537652	1.77	1.68	5.2%	< 0.5				80%	120%
W	1	2537652	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2537652	6	6	0.0%	< 1				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y509846
PROJECT NO:
ATTENTION TO: BRANDON MACDINALD

Solid Analysis (Continued)

RPT Date: Jul 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Zn	1	2537652	36.6	36.3	0.8%	< 0.5				80%	120%
Zr	1	2537652	5	5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2537677	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2537677	0.73	0.74	1.4%	< 0.01				80%	120%
As	1	2537677	6	6	0.0%	< 1				80%	120%
B	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2537677	65	66	1.5%	< 1				80%	120%
Be	1	2537677	0.6	0.6	0.0%	< 0.5				80%	120%
Bi	1	2537677	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2537677	0.08	0.08	0.0%	< 0.01				80%	120%
Cd	1	2537677	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2537677	80	75	6.5%	< 1				80%	120%
Co	1	2537677	2.7	2.7	0.0%	< 0.5				80%	120%
Cr	1	2537677	113	119	5.2%	< 0.5				80%	120%
Cu	1	2537677	14.8	14.9	0.7%	< 0.5				80%	120%
Fe	1	2537677	1.83	1.86	1.6%	< 0.01				80%	120%
Ga	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
In	1	2537677	< 1	< 1	0.0%	< 1				80%	120%
K	1	2537677	0.469	0.476	1.5%	< 0.01				80%	120%
La	1	2537677	38	36	5.4%	< 1				80%	120%
Li	1	2537677	12	12	0.0%	< 1				80%	120%
Mg	1	2537677	0.12	0.12	0.0%	< 0.01				80%	120%
Mn	1	2537677	78	75	3.9%	< 1				80%	120%
Mo	1	2537677	4.0	3.9	2.5%	< 0.5				80%	120%
Na	1	2537677	0.01	0.01	0.0%	< 0.01				80%	120%
Ni	1	2537677	2.35	2.39	1.7%	< 0.5				80%	120%
P	1	2537677	199	199	0.0%	< 10				80%	120%
Pb	1	2537677	2.62	2.80	6.6%	< 0.5				80%	120%
Rb	1	2537677	21	22	4.7%	< 10				80%	120%
S	1	2537677	0.772	0.764	1.0%	< 0.005				80%	120%
Sb	1	2537677	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2537677	1.18	1.27	7.3%	< 0.5				80%	120%
Se	1	2537677	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2537677	5.9	5.9	0.0%	< 0.5				80%	120%
Ta	1	2537677	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2537677	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2537677	20	20	0.0%	< 5				80%	120%
Ti	1	2537677	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Tl	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
U	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
V	1	2537677	3.4	3.4	0.0%	< 0.5				80%	120%
W	1	2537677	< 1	< 1	0.0%	< 1				80%	120%

Results relate only to the items tested

AGAT Laboratories
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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y509846
PROJECT NO:
ATTENTION TO: BRANDON MACDINALD

Solid Analysis (Continued)

RPT Date: Jul 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Y	1	2537677	7	7	0.0%	< 1				80%	120%
Zn	1	2537677	50.2	54.2	7.7%	< 0.5				80%	120%
Zr	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - ICP-OES finish with Hg-CVAA (201090)											
Ag	1	2537677	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Al	1	2537677	0.73	0.74	1.4%	< 0.01				80%	120%
As	1	2537677	7	6	15.4%	< 1				80%	120%
B	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2537677	69	68	1.5%	< 1				80%	120%
Be	1	2537677	0.69	0.65	6.0%	< 0.5				80%	120%
Bi	1	2537677	< 1	< 1	0.0%	< 1				80%	120%
Ca	1	2537677	0.08	0.08	0.0%	< 0.01				80%	120%
Cd	1	2537677	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Ce	1	2537677	74	67	9.9%	< 1				80%	120%
Co	1	2537677	2.3	2.3	0.0%	< 0.5				80%	120%
Cr	1	2537677	118	115	2.6%	< 0.5				80%	120%
Cu	1	2537677	18.3	17.2	6.2%	< 0.5				80%	120%
Fe	1	2537677	1.83	1.86	1.6%	< 0.01				80%	120%
Ga	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
In	1	2537677	< 1	1		< 1				80%	120%
K	1	2537677	0.469	0.476	1.5%	< 0.01				80%	120%
La	1	2537677	32	29	9.8%	< 1				80%	120%
Li	1	2537677	12	12	0.0%	< 1				80%	120%
Mg	1	2537677	0.12	0.12	0.0%	< 0.01				80%	120%
Mn	1	2537677	78	75	3.9%	< 1				80%	120%
Mo	1	2537677	4.70	4.52	3.9%	< 0.5				80%	120%
Na	1	2537677	0.01	0.01	0.0%	< 0.01				80%	120%
Ni	1	2537677	2.18	2.36	7.9%	< 0.5				80%	120%
P	1	2537677	217	209	3.8%	< 10				80%	120%
Pb	1	2537677	2.4	2.5	4.1%	< 0.5				80%	120%
Rb	1	2537677	35	34	2.9%	< 10				80%	120%
S	1	2537677	0.772	0.764	1.0%	< 0.005				80%	120%
Sb	1	2537677	< 1	< 1	0.0%	< 1				80%	120%
Sc	1	2537677	1.77	1.71	3.4%	< 0.5				80%	120%
Se	1	2537677	< 10	< 10	0.0%	< 10				80%	120%
Sn	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
Sr	1	2537677	5.68	5.64	0.7%	< 0.5				80%	120%
Ta	1	2537677	< 10	< 10	0.0%	< 10				80%	120%
Te	1	2537677	< 10	< 10	0.0%	< 10				80%	120%
Th	1	2537677	19	16	17.1%	< 5				80%	120%
Ti	1	2537677	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Tl	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
U	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
V	1	2537677	4.88	4.83	1.0%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y509846
PROJECT NO:
ATTENTION TO: BRANDON MACDINALD

Solid Analysis (Continued)

RPT Date: Jul 29, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
W	1	2537677	< 1	< 1	0.0%	< 1				80%	120%
Y	1	2537677	8	7	13.3%	< 1				80%	120%
Zn	1	2537677	55.3	55.6	0.5%	< 0.5				80%	120%
Zr	1	2537677	< 5	< 5	0.0%	< 5				80%	120%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2537606	0.00388	0.00400	3.0%	0.00016				70%	130%
Aqua Regia Digest - Au, ICP-MS finish (202054)											
Au	1	2537626	0.00312	0.00466		< 0.00005				70%	130%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2537652	0.002	0.002	0.0%	< 0.001	0.199	0.203	98%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2537677	< 0.001	< 0.001	0.0%	< 0.001	0.0842	0.0849	99%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2537674	0.002	0.002	0.0%	< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2537677	0.002	0.002	0.0%	< 0.001				80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested

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CLIENT NAME: ARCTURUS VENTURES
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ATTENTION TO: BRANDON MACDONALD

PROJECT NO:

AGAT WORK ORDER: 11Y523648

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Sep 15, 2011

PAGES (INCLUDING COVER): 39

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
G1-L2 S-1 (-)	0.11	0.03	8.5	<0.01	<5	14	0.91	0.63	0.05	0.21	55.3	13.0	<0.5	3.29
G1-L2 S-2 (-)	0.14	1.63	3.6	<0.01	<5	254	0.71	0.55	0.53	0.42	45.1	11.3	38.5	3.26
G1-L2 S-3 (-)	0.14	1.77	41.3	<0.01	<5	214	0.86	0.76	0.39	0.43	63.4	18.3	56.7	4.05
G1-L2 S-4 (-)	0.12	2.18	15.9	<0.01	<5	324	0.73	0.63	0.57	0.27	62.7	15.2	58.0	3.28
G1-L2 S-5 (-)	0.05	0.34	13.9	<0.01	<5	74	0.13	0.05	0.65	0.10	9.59	4.3	2.2	0.16
G1-L2 S-6 (-)	0.23	1.51	21.7	<0.01	<5	220	0.48	0.51	0.66	0.57	41.9	18.7	43.0	1.91
G1-L2 S-7 (-)	0.26	1.57	70.3	<0.01	<5	291	0.83	0.54	0.71	0.42	54.2	14.5	41.6	2.02
G1-L2 S-8 (-)	0.17	1.16	28.5	<0.01	<5	186	0.63	0.40	1.23	0.90	34.2	10.3	27.7	1.38
G1-L2 S-9 (-)	0.30	1.76	14.0	<0.01	<5	280	0.95	0.70	1.00	1.78	64.7	12.7	50.9	2.42
G1-L2 S-10 (-)	0.14	1.33	37.5	<0.01	<5	175	0.68	0.53	0.81	0.56	47.3	12.1	37.4	1.82
G1-L2 S-11 (-)	0.16	2.00	7.4	<0.01	<5	318	0.72	0.54	1.31	0.50	41.0	10.2	36.3	2.02
G1-L2 S-12 (-)	0.14	1.60	10.3	<0.01	<5	183	0.70	0.61	0.75	0.47	50.8	12.7	42.4	2.54
G1-L2 S-13 (-)	0.11	1.44	3.8	<0.01	<5	203	0.65	0.32	1.50	0.65	44.8	10.3	25.7	1.54
G1-L2 S-14 (-)	0.11	1.54	12.7	<0.01	<5	162	0.64	0.56	0.47	0.25	60.9	15.7	41.7	2.19
G1-L2 S-15 (-)	0.10	1.34	19.2	<0.01	<5	219	0.62	0.48	0.34	0.25	34.1	9.6	26.6	2.29
G1-L2 S-16 (-)	0.09	1.61	21.2	<0.01	<5	141	0.65	0.61	0.24	0.16	54.1	11.3	42.0	2.78
G1-L2 S-17 (-)	1.14	1.13	13.6	<0.01	<5	182	0.95	0.48	0.06	1.09	65.4	8.3	23.5	2.44
G1-L3 S-1 (-)	0.32	1.55	143	<0.01	<5	740	0.83	0.56	2.11	2.81	111	103	16.6	2.18
G1-L3 S-2 (-)	0.26	0.61	31.0	<0.01	<5	211	0.54	0.66	1.59	0.93	43.1	26.4	18.4	2.72
G1-L3 S-3 (-)	0.19	1.25	15.2	<0.01	<5	124	0.63	0.43	0.91	0.24	58.3	14.7	51.5	2.14
G1-L3 S-4 (-)	0.26	1.77	20.6	<0.01	<5	254	0.72	0.66	1.10	0.15	33.8	10.4	32.6	3.28
G1-L3 S-5 (-)	0.07	1.16	15.9	<0.01	<5	82	0.62	0.57	0.31	0.17	55.6	11.9	37.5	2.22
G1-L3 S-6 (-)	0.05	1.12	16.2	<0.01	<5	56	0.39	0.40	0.24	0.14	35.6	8.6	32.7	1.79
G1-L3 S-7 (-)	0.06	1.31	16.4	<0.01	<5	71	0.43	0.41	0.27	0.14	44.4	9.0	38.1	1.74
G1-L3 S-8 (-)	0.06	1.49	16.8	<0.01	<5	76	0.49	0.43	0.23	0.12	55.4	10.1	41.1	1.93
G1-L3 S-9 new sample (-)	0.08	1.32	13.3	<0.01	<5	128	0.53	0.58	0.27	0.12	34.5	9.1	30.8	2.75
G1-L3 S-9 (-)	0.13	1.53	16.1	<0.01	<5	231	0.78	0.61	0.37	0.18	56.5	11.5	43.3	2.36
G1-L3 S-10 (-)	0.10	1.02	13.8	<0.01	<5	128	0.53	0.47	0.64	0.26	30.5	7.9	25.6	1.73
G1-L3 S-11 (-)	0.11	1.14	15.8	<0.01	<5	107	0.53	0.38	0.43	0.09	39.7	9.4	34.9	1.94
G1-L3 S-12 (-)	0.12	1.19	14.9	<0.01	<5	151	0.53	0.50	0.95	0.35	31.3	10.0	29.5	1.66
G1-L3 S-13 (-)	0.04	1.26	18.5	<0.01	<5	86	0.56	0.54	0.27	0.11	50.6	12.9	38.5	2.38
G1-L3 S-14 (-)	0.05	1.39	15.0	<0.01	<5	84	0.49	0.46	0.28	0.13	63.6	11.5	36.0	2.23

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
G1-L3 S-15 (-)	0.04	1.43	15.1	<0.01	<5	93	0.54	0.46	0.26	0.08	65.9	11.8	36.4	2.11
G1-L3 S-16 (-)	0.07	1.83	18.2	<0.01	<5	150	0.67	0.54	0.33	0.11	72.9	13.8	39.6	2.38
G1-L3 S-17 (-)	0.05	1.49	18.1	<0.01	<5	49	0.42	0.37	0.24	0.19	42.0	11.8	39.0	1.45
G1-L4 S-1 (-)	0.08	1.49	30.2	<0.01	<5	108	0.66	0.62	0.34	0.17	71.4	15.9	41.8	2.81
G1-L4 S-2 (-)	0.18	1.76	12.2	<0.01	<5	159	0.79	0.53	0.98	0.28	75.6	17.0	42.2	2.55
G1-L4 S-3 (-)	0.09	1.22	16.5	<0.01	<5	96	0.67	0.60	0.35	0.27	70.3	17.3	40.0	3.06
G1-L4 S-4 (-)	0.15	2.23	29.8	<0.01	<5	250	1.07	0.84	0.53	0.40	74.3	21.7	62.4	5.55
G1-L4 S-5 (-)	0.09	0.98	18.7	<0.01	<5	81	0.38	0.44	0.41	0.12	31.7	8.9	27.3	1.93
G1-L4 S-6 (-)	0.08	1.16	22.3	<0.01	<5	51	0.51	0.55	0.26	0.19	39.0	13.3	33.5	2.21
G1-L4 S-7 (-)	0.07	1.32	25.9	<0.01	<5	61	0.44	0.62	0.12	0.16	33.9	10.3	33.0	2.79
G1-L4 S-8 (-)	0.04	1.42	12.1	<0.01	<5	82	0.45	0.44	0.38	0.16	30.7	8.5	36.3	2.68
G1-L4 S-9 (-)	0.07	1.39	13.0	<0.01	<5	94	0.52	0.40	0.44	0.11	45.3	9.6	36.1	1.69
G1-L4 S-10 (-)	0.14	0.86	7.2	<0.01	<5	132	0.29	0.19	1.30	0.14	14.8	4.2	14.4	1.23
G1-L4 S-11 (-)	0.04	1.17	12.3	<0.01	<5	81	0.50	0.43	0.32	0.11	55.8	12.1	33.6	1.69
G1-L4 S-12 (-)	0.07	1.68	9.4	<0.01	<5	129	0.66	0.42	0.25	0.07	45.5	11.4	38.2	2.54
G1-L4 S-13 (-)	0.18	1.09	10.2	<0.01	<5	166	0.60	0.29	1.27	0.14	27.9	5.3	17.8	1.06
G1-L4 S-14 (-)	0.05	0.94	6.8	<0.01	<5	116	0.26	0.22	0.57	0.14	20.0	6.4	22.4	1.24
G1-L4 S-15 (-)	0.11	1.04	4.4	<0.01	<5	151	0.47	0.19	1.28	0.27	22.6	4.2	11.9	1.07
G1-L4 S-16 (-)	0.09	1.36	11.6	<0.01	<5	121	0.54	0.40	0.52	0.19	40.6	10.3	33.5	1.66
G1-L4 S-17 (-)	0.25	1.58	14.8	<0.01	<5	156	0.75	0.53	0.43	0.20	41.7	9.0	37.7	2.47
G1-L5 S-1 (-)	0.05	1.62	18.6	<0.01	<5	99	0.74	0.51	0.27	0.11	56.6	16.1	42.3	2.15
G1-L5 S-2 (-)	0.03	1.56	15.8	<0.01	<5	102	0.63	0.48	0.29	0.10	62.8	14.8	41.1	1.78
G1-L5 S-3 (-)	0.07	1.18	12.9	<0.01	<5	74	0.19	0.47	0.17	0.07	37.9	5.5	27.1	2.22
G1-L5 S-4 (-)	0.14	1.48	19.4	<0.01	<5	70	0.54	0.47	0.32	0.13	39.5	9.2	36.7	2.05
G1-L5 S-5 (-)	0.48	0.67	20.0	<0.01	<5	210	1.43	0.62	1.65	0.19	55.4	12.2	18.9	3.47
G1-L5 S-6 (-)	0.20	2.19	17.0	<0.01	<5	198	1.28	0.89	0.75	0.28	120	22.3	62.2	4.62
G1-L5 S-7 (-)	0.08	1.58	13.0	<0.01	<5	92	0.61	0.47	0.46	0.10	48.3	12.8	47.2	2.97
G1-L5 S-8 (-)	0.06	0.65	4.9	<0.01	<5	63	0.20	0.21	0.26	0.08	12.8	3.5	12.4	1.34
G1-L5 S-9 (-)	0.06	0.89	7.2	<0.01	<5	85	0.38	0.39	1.07	0.27	18.0	8.3	20.5	2.13
G1-L5 S-10 (-)	0.22	1.70	7.7	<0.01	<5	239	1.20	0.54	2.22	0.31	48.8	8.6	39.3	2.18
G1-L5 S-11 (-)	0.10	1.07	8.7	<0.01	<5	163	0.36	0.31	0.68	0.07	19.4	4.9	19.0	1.45
G1-L5 S-12 (-)	0.06	1.52	10.3	<0.01	<5	134	0.56	0.45	0.51	0.10	42.5	12.2	34.8	2.17

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
G1-L5 S-13 (-)	0.13	1.35	16.3	<0.01	<5	171	0.45	0.49	0.98	0.22	31.8	10.7	33.7	1.82
G1-L5 S-14 (-)	0.07	1.34	14.9	<0.01	<5	180	0.41	0.46	0.61	0.07	32.7	9.0	33.2	1.82
G1-L5 S-15 (-)	0.05	1.13	7.6	<0.01	<5	99	0.41	0.33	0.38	0.06	27.7	7.3	24.4	1.52
G1-L5 S-16 (-)	0.08	0.55	2.8	<0.01	<5	156	0.21	0.07	2.16	0.63	7.58	4.0	3.8	0.26
G1-L5 S-17 (-)	0.12	1.61	9.3	<0.01	<5	184	0.85	0.55	0.74	0.24	40.3	7.5	36.1	2.98
G2-L1 S-1 (-)	0.08	1.17	24.6	<0.01	<5	130	0.41	0.48	0.20	0.21	33.2	7.4	31.9	2.23
G2-L1 S-2 (-)	0.19	1.39	25.6	<0.01	<5	220	0.83	0.53	0.30	0.44	37.9	14.9	38.5	1.89
G2-L1 S-3 (-)	0.12	1.43	16.4	<0.01	<5	239	0.66	0.31	0.41	0.34	44.3	9.8	40.6	1.45
G2-L1 S-4 (-)	0.23	0.64	4.1	<0.01	<5	184	0.44	0.21	0.16	0.94	33.4	3.0	18.4	1.18
G2-L1 S-5 (-)	0.06	1.33	16.0	<0.01	<5	160	0.60	0.28	0.44	0.18	39.6	9.4	38.6	1.49
G2-L1 S-6 (-)	0.11	1.41	19.4	<0.01	<5	159	0.73	0.37	0.34	0.28	39.2	10.0	39.5	1.80
G1-L2 S-7 (-)	0.08	0.98	15.7	<0.01	<5	118	0.34	0.47	0.13	0.65	23.0	6.2	27.2	2.05
G2-L1 S-8 (-)	0.24	0.82	5.7	<0.01	<5	128	0.36	0.14	0.18	0.09	15.2	3.8	23.0	0.93
G2-L1 S-9 (-)	0.07	1.26	27.0	<0.01	<5	103	0.35	0.54	0.22	0.47	33.2	9.0	44.0	2.45
G2-L1 S-10 (-)	0.16	1.32	189	<0.01	<5	247	0.41	0.84	0.25	0.44	32.1	10.2	35.8	2.49
G2-L1 S-11 (-)	0.26	0.83	10.6	<0.01	<5	182	0.37	0.23	0.13	0.23	15.9	4.7	19.6	1.27
G2-L1 S-12 (-)	0.09	0.14	1.1	<0.01	<5	44	0.07	0.02	0.06	0.03	2.75	0.7	1.7	0.20
G2-L1 S-13 (-)	0.13	1.49	23.8	<0.01	<5	387	0.44	0.53	0.21	0.11	35.0	10.2	45.5	2.96
G2-L1 S-14 (-)	0.22	1.78	35.1	<0.01	<5	215	0.55	0.63	0.26	0.18	39.4	11.8	45.7	3.18
G2-L1 S-15 (-)	0.20	1.19	68.4	<0.01	<5	95	0.30	0.58	0.13	0.17	30.0	6.0	28.5	2.54
G2-L1 S-16 (-)	0.06	1.26	17.8	<0.01	<5	97	0.46	0.36	0.34	0.10	40.8	10.0	35.1	1.91
G2-L1 S-17 (-)	0.07	1.43	11.1	<0.01	<5	163	0.52	0.20	0.85	0.22	34.9	11.8	39.8	1.15
G2-L2 S-1 (-)	0.09	0.90	9.4	<0.01	<5	144	0.33	0.19	0.40	0.46	30.5	6.6	32.9	1.03
G2-L2 S-2 (-)	0.07	1.21	9.7	<0.01	<5	123	0.48	0.20	0.45	0.15	44.5	8.8	34.5	1.22
G2-L2 S-3 (-)	0.07	1.29	10.2	<0.01	<5	159	0.50	0.20	0.59	0.18	43.8	9.9	36.1	1.11
G2-L2 S-4 (-)	0.13	1.57	15.1	<0.01	<5	284	0.61	0.31	0.40	0.18	45.4	10.6	41.4	1.78
G2-L2 S-5 (-)	0.09	1.51	21.9	<0.01	<5	178	0.53	0.41	0.32	0.19	38.5	9.6	39.9	2.20
G2-L2 S-6 (-)	0.08	1.60	19.2	<0.01	<5	135	0.62	0.40	0.44	0.14	44.7	8.7	38.7	2.17
G2-L2 S-7 (-)	0.13	1.33	15.0	<0.01	<5	181	0.43	0.45	0.24	0.25	35.8	7.0	33.0	2.69
G2-L2 S-8 (-)	0.07	0.96	6.2	<0.01	<5	146	0.37	0.40	0.09	0.25	34.7	6.8	17.0	2.03
G2-L2 S-9 (-)	0.14	1.00	13.1	<0.01	<5	156	0.39	0.39	0.08	0.38	25.2	16.3	20.7	1.92
G2-L2 S-10 (-)	0.24	1.24	13.0	<0.01	<5	236	0.44	0.25	0.26	0.18	30.9	13.6	28.5	1.58

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
G2-L2 S-11 (-)	0.17	1.50	28.8	<0.01	<5	298	0.68	0.59	0.15	0.22	39.0	9.3	34.5	3.25
G2-L2 S-12 (-)	0.10	0.84	17.7	<0.01	<5	192	0.53	0.38	1.14	0.19	26.6	6.5	16.9	3.05
G2-L2 S-13 (-)	0.21	1.42	27.5	<0.01	<5	169	0.41	0.63	0.13	0.22	39.0	8.6	34.0	3.20
G2-L2 S-14 (-)	0.24	1.61	28.3	<0.01	<5	447	0.62	0.62	0.32	0.17	38.1	10.9	38.7	3.36
G2-L2 S-15 (-)	0.22	1.61	23.7	<0.01	<5	252	0.60	0.60	0.23	0.15	38.3	7.7	36.1	3.35
G2-L2 S-16 (-)	0.23	1.03	13.8	<0.01	<5	185	0.27	0.49	0.19	0.17	24.8	4.0	23.0	2.31
G2-L2 S-17 (-)	0.11	1.80	41.3	<0.01	<5	171	0.70	0.68	0.32	0.23	52.3	13.0	40.6	3.40
G2-L3 S-1 (-)	0.21	1.61	29.2	<0.01	<5	115	0.52	0.66	0.14	0.40	37.7	10.3	42.1	3.11
G2-L3 S-2 (-)	0.17	1.47	19.9	<0.01	<5	123	0.51	0.44	0.33	0.39	37.4	11.2	44.3	2.13
G2-L3 S-3 (-)	0.05	1.50	15.0	<0.01	<5	146	0.61	0.28	0.46	0.23	45.4	10.5	38.3	1.52
G2-L3 S-4 (-)	0.13	1.05	9.9	<0.01	<5	97	0.31	0.20	0.21	0.33	37.1	6.1	27.8	1.02
G2-L3 S-5 (-)	0.08	1.65	14.3	<0.01	<5	284	0.67	0.26	0.56	0.32	52.2	12.5	40.1	1.36
G2-L3 S-6 (-)	0.14	1.06	14.7	<0.01	<5	107	0.29	0.36	0.21	0.29	28.7	6.7	44.0	1.55
G2-L3 S-7 (-)	0.08	0.24	0.6	<0.01	<5	52	0.09	0.03	0.10	0.10	4.92	4.0	7.4	0.31
G2-L3 S-8 (-)	0.07	1.21	23.0	<0.01	<5	102	0.31	0.54	0.10	0.28	33.4	6.8	29.4	1.96
G2-L3 S-9 (-)	0.12	0.81	11.3	<0.01	<5	75	0.26	0.43	0.10	0.20	28.6	4.3	27.7	1.42
G2-L3 S-10 (-)	0.12	2.48	6.3	<0.01	<5	459	0.43	0.14	1.21	0.15	33.4	36.8	176	1.94
G2-L3 S-11 (-)	0.28	0.78	8.9	<0.01	<5	158	0.53	0.23	0.11	0.14	22.7	4.3	18.3	1.48
G2-L3 S-12 (-)	0.06	1.47	25.8	<0.01	<5	122	0.40	0.41	0.36	0.26	36.5	10.4	42.2	1.95
G2-L3 S-13 (-)	0.12	0.97	14.0	<0.01	<5	202	0.36	0.31	0.15	0.14	30.3	7.6	28.4	1.57
G2-L3 S-14 (-)	0.12	0.62	24.0	<0.01	<5	208	0.35	0.54	1.66	0.23	31.8	6.4	18.8	2.43
G2-L3 S-15 (-)	0.16	1.19	12.0	<0.01	<5	144	0.38	0.25	0.36	0.09	29.5	7.8	26.6	1.38
G2-L3 S-16 (-)	0.33	1.62	22.3	<0.01	<5	355	0.64	0.47	0.36	0.18	37.1	10.9	38.8	2.59
G2-L3 S-17 (-)	0.15	0.96	8.6	<0.01	<5	166	0.32	0.26	0.14	0.08	18.2	4.6	19.2	1.51
G2-L4 S-1 (-)	0.18	1.39	17.7	<0.01	<5	323	0.50	0.41	0.25	0.43	39.7	9.7	39.5	1.90
G2-L4 S-2 (-)	0.10	1.96	17.3	<0.01	<5	264	0.68	0.35	0.55	0.28	46.9	14.4	48.5	1.74
G2-L4 S-3 (-)	0.11	1.42	16.4	<0.01	<5	153	0.39	0.26	0.40	0.61	36.0	9.4	38.6	1.18
G2-L4 S-4 (-)	0.14	1.61	14.7	<0.01	<5	278	0.55	0.35	0.41	0.27	41.2	10.0	43.6	1.68
G2-L4 S-5 (-)	0.09	1.50	15.0	<0.01	<5	217	0.56	0.35	0.32	0.29	43.2	9.2	38.0	1.69
G2-L4 S-6 (-)	0.09	1.66	17.8	<0.01	<5	201	0.76	0.35	0.34	0.26	50.4	10.9	40.6	1.80
G2-L4 S-7 (-)	0.13	1.92	17.5	<0.01	<5	324	0.73	0.34	0.42	0.20	47.1	11.7	46.0	1.75
G2-L4 S-8 (-)	0.14	1.72	18.6	<0.01	<5	245	0.63	0.35	0.40	0.18	45.7	10.8	42.7	1.80

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
G2-L4 S-9 (-)	0.08	1.35	14.6	<0.01	<5	156	0.54	0.24	0.43	0.33	44.8	9.3	36.1	1.33
G2-L4 S-10 (-)	0.10	1.37	27.0	<0.01	<5	100	0.38	0.53	0.14	0.23	36.3	7.7	32.2	2.30
G2-L4 S-11 (-)	0.11	1.35	13.1	<0.01	<5	214	0.61	0.31	0.17	0.14	31.8	11.6	27.5	1.56
G2-L4 S-12 (-)	0.22	1.89	2.0	<0.01	<5	516	0.26	0.10	1.43	0.21	26.1	39.3	102	1.98
G2-L4 S-13 (-)	0.21	1.66	6.6	<0.01	<5	360	0.60	0.18	0.88	0.11	28.5	21.6	149	2.52
G2-L4 S-14 (-)	0.09	1.17	6.8	<0.01	<5	162	0.40	0.23	0.50	0.19	33.5	9.9	46.4	1.51
G2-L4 S-15 (-)	0.07	0.21	0.6	<0.01	<5	31	0.07	0.02	0.09	<0.01	3.49	1.1	1.9	0.07
G2-L4 S-16 (-)	0.05	1.20	7.7	<0.01	<5	161	0.42	0.14	0.70	0.19	41.8	10.4	45.3	1.08
G2-L4 S-17 (-)	0.19	1.86	15.5	<0.01	<5	354	0.85	0.36	0.56	0.31	61.4	14.7	47.4	2.06
G2-L5 S-1 (-)	0.11	1.53	11.0	<0.01	<5	204	0.56	0.21	0.37	0.23	43.3	8.1	37.9	1.24
G2-L5 S-2 (-)	0.06	1.31	7.4	<0.01	<5	247	0.47	0.16	0.65	0.20	42.3	10.2	39.3	0.99
G2-L5 S-3 (-)	0.09	0.99	12.6	<0.01	<5	203	0.38	0.28	0.26	0.12	30.0	6.6	31.5	1.08
G2-L5 S-4 (-)	0.21	1.97	16.4	<0.01	<5	383	0.73	0.34	0.29	0.10	41.1	11.6	45.2	1.82
G2-L5 S-5 (-)	0.31	1.32	17.6	0.07	<5	321	0.62	0.33	0.28	0.20	40.0	10.9	35.9	1.50
G2-L5 S-6 (-)	0.05	1.47	21.3	<0.01	<5	143	0.72	0.36	0.30	0.35	44.1	10.9	37.5	1.73
G2-L5 S-7 (-)	0.15	0.85	6.4	<0.01	<5	103	0.31	0.15	0.18	0.17	30.7	4.3	24.9	0.78
G2-L5 S-8 (-)	0.10	0.79	12.0	<0.01	<5	65	0.18	0.49	0.07	0.15	29.3	4.1	17.9	2.09
G2-L5 S-9 (-)	0.08	1.37	10.5	<0.01	<5	290	0.75	0.17	0.69	0.25	59.3	13.0	35.9	0.99
G2-L5 S-10 (-)	0.12	1.72	17.2	<0.01	<5	323	0.73	0.40	0.38	0.35	52.8	13.2	42.1	1.76
G2-L5 S-11 (-)	0.10	1.06	12.0	<0.01	<5	301	0.66	0.27	0.32	0.32	46.1	8.6	34.3	1.35
G2-L5 S-12 (-)	0.08	1.37	8.2	0.01	<5	223	0.45	0.13	0.52	0.20	39.5	21.6	73.3	1.34
G2-L5 S-13 (-)	0.09	0.37	1.3	<0.01	<5	51	0.19	0.05	0.07	0.04	8.34	1.7	5.6	0.30
G2-L5 S-14 (-)	0.08	0.56	7.7	<0.01	<5	91	0.19	0.28	0.08	0.13	15.5	4.2	14.2	1.27
G2-L5 S-15 (-)	0.16	0.72	4.5	<0.01	<5	153	0.44	0.15	0.07	0.13	18.3	2.5	9.3	1.17
G2-L5 S-16 (-)	0.14	1.63	3.7	<0.01	<5	275	0.30	0.13	1.53	0.08	31.1	34.4	84.4	1.66
G2-L5 S-17 (-)	0.10	2.02	5.7	<0.01	<5	371	0.32	0.13	0.75	0.12	26.5	36.8	111	2.29

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
G1-L2 S-1 (-)	0.9	0.16	6.07	0.06	0.06	0.02	0.029	0.01	27.3	25.5	0.03	14	0.66	<0.01
G1-L2 S-2 (-)	25.3	2.55	5.20	<0.05	0.04	0.03	0.025	0.05	23.7	25.5	0.70	261	0.45	0.01
G1-L2 S-3 (-)	40.4	3.58	7.44	0.08	0.06	0.07	0.035	0.07	31.5	35.3	0.87	377	1.53	<0.01
G1-L2 S-4 (-)	29.4	4.15	7.32	0.06	0.06	0.03	0.035	0.06	30.7	33.0	1.06	370	0.89	<0.01
G1-L2 S-5 (-)	13.2	0.94	1.75	<0.05	0.05	0.03	<0.005	0.02	4.8	1.8	0.09	458	0.41	0.03
G1-L2 S-6 (-)	33.4	2.64	5.17	<0.05	0.03	0.09	0.025	0.05	21.6	20.3	0.73	276	0.83	0.01
G1-L2 S-7 (-)	50.4	2.98	4.88	0.05	0.06	0.08	0.026	0.05	29.1	22.7	0.58	934	2.69	0.01
G1-L2 S-8 (-)	33.6	2.56	3.66	<0.05	0.07	0.07	0.017	0.04	18.3	15.1	0.40	218	1.24	0.02
G1-L2 S-9 (-)	53.0	2.45	5.47	0.05	0.08	0.08	0.033	0.11	34.7	33.9	0.71	245	2.50	<0.01
G1-L2 S-10 (-)	35.1	3.82	4.93	0.05	0.07	0.07	0.025	0.10	22.9	23.7	0.65	376	1.29	<0.01
G1-L2 S-11 (-)	29.3	3.01	5.07	<0.05	0.08	0.07	0.024	0.12	19.9	27.3	0.86	231	0.53	0.02
G1-L2 S-12 (-)	27.6	2.63	5.70	<0.05	0.06	0.03	0.030	0.11	24.5	30.8	0.74	298	0.36	<0.01
G1-L2 S-13 (-)	48.8	2.26	4.93	<0.05	0.09	0.05	0.029	0.05	25.5	20.9	0.55	431	0.56	0.02
G1-L2 S-14 (-)	39.1	3.28	5.47	<0.05	0.05	0.03	0.027	0.08	29.4	28.5	0.75	436	1.13	<0.01
G1-L2 S-15 (-)	28.7	2.57	4.45	<0.05	0.03	0.03	0.019	0.08	19.1	18.0	0.39	1010	0.70	0.02
G1-L2 S-16 (-)	21.8	3.01	5.85	<0.05	0.02	0.02	0.028	0.08	25.5	24.9	0.66	496	0.92	<0.01
G1-L2 S-17 (-)	47.5	2.15	4.35	<0.05	0.03	0.08	0.026	0.05	32.6	6.9	0.20	467	1.09	0.02
G1-L3 S-1 (-)	82.9	10.9	4.15	0.06	0.08	0.12	0.034	0.09	33.9	8.5	0.30	10000	6.52	0.02
G1-L3 S-2 (-)	3900	2.08	5.90	<0.05	0.04	0.06	0.036	0.20	18.0	23.4	0.15	511	1.54	0.05
G1-L3 S-3 (-)	46.2	2.48	5.50	<0.05	0.05	0.05	0.032	0.07	38.7	22.8	0.68	653	0.93	<0.01
G1-L3 S-4 (-)	27.9	2.87	6.10	<0.05	0.04	0.02	0.029	0.11	16.8	21.0	0.52	630	1.30	0.02
G1-L3 S-5 (-)	23.2	2.38	4.92	<0.05	0.03	<0.01	0.022	0.07	25.8	24.9	0.61	538	0.76	<0.01
G1-L3 S-6 (-)	11.4	2.22	4.57	<0.05	<0.02	0.03	0.018	0.05	17.4	20.0	0.55	311	0.67	<0.01
G1-L3 S-7 (-)	14.5	2.58	4.78	<0.05	<0.02	0.02	0.019	0.06	22.0	22.2	0.66	312	0.68	<0.01
G1-L3 S-8 (-)	17.9	2.86	5.47	<0.05	0.03	0.02	0.023	0.06	26.4	22.4	0.72	351	0.69	<0.01
G1-L3 S-9 new sample (-)	14.3	2.46	5.32	<0.05	<0.02	0.02	0.021	0.06	17.0	21.2	0.54	464	0.88	<0.01
G1-L3 S-9 (-)	49.9	3.01	5.24	0.06	0.06	0.06	0.025	0.10	29.4	23.9	0.69	528	1.19	<0.01
G1-L3 S-10 (-)	23.0	1.87	4.28	<0.05	0.06	0.04	0.020	0.05	15.0	17.2	0.39	409	0.96	<0.01
G1-L3 S-11 (-)	10.9	2.10	4.66	<0.05	0.04	0.03	0.019	0.04	18.1	21.1	0.50	276	0.63	<0.01
G1-L3 S-12 (-)	21.5	2.10	4.42	<0.05	0.06	0.03	0.022	0.06	13.7	22.6	0.48	574	0.77	0.01
G1-L3 S-13 (-)	22.9	2.73	5.29	<0.05	<0.02	<0.01	0.022	0.06	23.5	23.7	0.58	585	0.75	<0.01
G1-L3 S-14 (-)	21.5	2.91	5.00	<0.05	0.02	0.02	0.026	0.07	30.6	21.3	0.65	474	0.70	<0.01

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
G1-L3 S-15 (-)	23.2	3.10	5.16	<0.05	<0.02	0.01	0.026	0.07	32.0	22.7	0.68	450	0.64	<0.01
G1-L3 S-16 (-)	24.9	3.95	5.35	<0.05	<0.02	0.02	0.025	0.09	35.2	24.7	0.87	609	0.72	<0.01
G1-L3 S-17 (-)	19.0	3.23	5.09	<0.05	<0.02	<0.01	0.030	0.05	20.2	25.0	0.70	434	0.66	<0.01
G1-L4 S-1 (-)	27.7	3.13	5.68	0.06	0.06	<0.01	0.024	0.11	38.6	27.6	0.80	480	0.58	<0.01
G1-L4 S-2 (-)	64.7	3.52	7.18	<0.05	0.05	0.05	0.050	0.06	39.1	28.4	0.76	657	1.55	<0.01
G1-L4 S-3 (-)	33.0	2.54	5.91	0.05	0.05	0.02	0.028	0.11	38.8	27.3	0.65	689	0.74	<0.01
G1-L4 S-4 (-)	105	4.29	8.77	0.06	0.13	0.04	0.044	0.29	38.2	38.7	0.99	1040	1.94	0.02
G1-L4 S-5 (-)	14.7	2.14	4.76	<0.05	0.02	0.02	0.023	0.03	15.2	17.9	0.41	248	0.90	<0.01
G1-L4 S-6 (-)	23.2	2.49	4.71	<0.05	0.02	0.03	0.028	0.04	18.1	21.8	0.50	328	1.24	<0.01
G1-L4 S-7 (-)	32.9	3.79	7.02	<0.05	<0.02	<0.01	0.025	0.08	16.2	16.1	0.52	332	1.99	<0.01
G1-L4 S-8 (-)	14.1	2.93	5.77	<0.05	0.03	<0.01	0.024	0.05	15.3	26.1	0.68	254	0.77	<0.01
G1-L4 S-9 (-)	17.9	2.62	4.76	<0.05	0.04	0.02	0.020	0.05	21.3	26.8	0.74	345	0.51	<0.01
G1-L4 S-10 (-)	16.9	1.38	3.08	<0.05	0.10	0.03	0.013	0.03	7.8	7.2	0.24	250	0.78	0.02
G1-L4 S-11 (-)	22.8	2.99	4.32	<0.05	0.02	<0.01	0.024	0.05	25.1	20.5	0.62	533	0.73	<0.01
G1-L4 S-12 (-)	15.5	3.11	5.80	<0.05	0.03	<0.01	0.028	0.06	21.2	29.1	0.85	358	0.67	<0.01
G1-L4 S-13 (-)	15.0	1.81	4.04	<0.05	0.07	0.03	0.015	0.02	14.8	12.3	0.33	291	0.75	0.01
G1-L4 S-14 (-)	9.0	1.99	3.69	<0.05	0.07	<0.01	0.015	0.03	10.0	11.7	0.34	560	0.75	0.02
G1-L4 S-15 (-)	20.8	1.16	3.45	<0.05	0.15	0.04	0.015	0.02	11.2	9.8	0.20	451	0.74	0.02
G1-L4 S-16 (-)	17.8	2.46	4.76	<0.05	0.05	0.02	0.023	0.05	18.8	25.8	0.63	441	0.54	0.01
G1-L4 S-17 (-)	13.7	2.49	5.56	<0.05	0.04	0.01	0.026	0.05	20.3	28.5	0.64	318	0.60	<0.01
G1-L5 S-1 (-)	26.8	3.25	5.89	<0.05	0.02	0.01	0.025	0.07	26.6	30.6	0.81	634	0.83	<0.01
G1-L5 S-2 (-)	21.2	3.08	5.54	<0.05	<0.02	<0.01	0.024	0.06	29.9	27.1	0.81	656	0.69	<0.01
G1-L5 S-3 (-)	8.0	2.23	5.97	<0.05	<0.02	<0.01	0.016	0.04	18.9	13.3	0.41	155	1.01	<0.01
G1-L5 S-4 (-)	14.1	3.03	4.87	<0.05	0.02	0.01	0.024	0.05	18.9	21.8	0.56	317	1.20	<0.01
G1-L5 S-5 (-)	4000	2.18	5.91	<0.05	0.04	0.08	0.041	0.21	60.8	27.3	0.16	471	1.14	0.05
G1-L5 S-6 (-)	43.0	4.78	8.40	<0.05	0.03	0.04	0.048	0.11	56.1	43.5	1.12	1570	1.07	0.02
G1-L5 S-7 (-)	30.9	3.43	5.60	<0.05	0.04	<0.01	0.025	0.08	26.5	28.1	0.93	455	0.73	0.01
G1-L5 S-8 (-)	9.5	1.15	3.20	<0.05	<0.02	<0.01	0.010	0.05	6.4	7.3	0.22	134	0.57	0.02
G1-L5 S-9 (-)	22.6	1.71	3.32	<0.05	0.05	0.03	0.019	0.07	7.8	10.6	0.32	486	0.83	0.02
G1-L5 S-10 (-)	47.2	2.14	5.99	<0.05	0.09	0.06	0.037	0.04	23.9	24.9	0.58	186	0.55	0.01
G1-L5 S-11 (-)	14.3	1.57	4.08	<0.05	0.06	0.03	0.014	0.03	10.0	14.2	0.33	223	0.74	0.02
G1-L5 S-12 (-)	16.6	2.76	5.53	<0.05	0.04	0.01	0.025	0.05	19.0	27.0	0.68	578	0.71	<0.01

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
G1-L5 S-13 (-)	18.2	2.63	4.72	<0.05	0.04	0.02	0.029	0.05	15.1	18.9	0.57	453	0.84	<0.01
G1-L5 S-14 (-)	14.1	2.52	4.99	<0.05	0.03	<0.01	0.023	0.04	15.6	20.5	0.58	328	0.80	<0.01
G1-L5 S-15 (-)	11.0	1.81	3.99	<0.05	0.05	<0.01	0.014	0.04	13.0	21.4	0.46	283	0.50	0.01
G1-L5 S-16 (-)	27.1	0.59	1.63	<0.05	0.06	0.05	<0.005	0.01	4.3	1.8	0.07	967	0.58	0.03
G1-L5 S-17 (-)	36.1	2.55	5.81	<0.05	0.06	0.07	0.030	0.08	22.2	32.6	0.60	233	0.91	0.01
G2-L1 S-1 (-)	17.7	2.46	5.11	<0.05	<0.02	0.03	0.017	0.11	16.6	16.8	0.59	284	0.79	<0.01
G2-L1 S-2 (-)	43.1	3.07	5.25	<0.05	<0.02	0.10	0.024	0.10	19.1	15.3	0.55	1070	1.58	0.01
G2-L1 S-3 (-)	57.1	2.66	5.09	<0.05	<0.02	0.03	0.027	0.10	22.9	16.5	0.59	509	1.44	0.02
G2-L1 S-4 (-)	71.2	1.10	2.43	<0.05	<0.02	0.06	0.017	0.07	19.1	3.1	0.14	132	1.13	0.01
G2-L1 S-5 (-)	40.5	2.54	4.59	<0.05	<0.02	0.02	0.022	0.10	20.1	17.4	0.67	399	0.93	0.02
G2-L1 S-6 (-)	42.9	2.74	5.12	<0.05	<0.02	0.04	0.023	0.11	19.9	21.6	0.65	458	1.02	0.01
G1-L2 S-7 (-)	17.5	2.17	5.55	<0.05	<0.02	0.02	0.023	0.10	11.4	15.0	0.43	436	0.77	0.01
G2-L1 S-8 (-)	50.8	1.19	2.94	<0.05	0.03	0.04	0.012	0.05	9.0	5.5	0.23	172	0.63	0.02
G2-L1 S-9 (-)	57.1	2.79	5.57	<0.05	<0.02	0.04	0.021	0.15	16.1	14.4	0.64	371	1.40	<0.01
G2-L1 S-10 (-)	32.1	3.06	6.89	<0.05	<0.02	0.02	0.025	0.11	15.6	15.3	0.60	474	1.34	<0.01
G2-L1 S-11 (-)	31.5	1.34	3.31	<0.05	<0.02	0.03	0.012	0.04	9.0	5.2	0.28	215	0.63	0.02
G2-L1 S-12 (-)	10.7	0.22	0.60	<0.05	<0.02	0.02	<0.005	0.02	1.6	0.4	0.02	19	0.15	0.03
G2-L1 S-13 (-)	102	2.62	6.07	<0.05	<0.02	0.05	0.029	0.13	17.2	17.8	0.72	471	1.28	0.01
G2-L1 S-14 (-)	58.9	3.07	6.03	<0.05	<0.02	0.05	0.025	0.16	20.0	25.6	0.81	492	1.02	<0.01
G2-L1 S-15 (-)	18.4	2.21	5.86	<0.05	<0.02	0.04	0.017	0.11	14.7	13.0	0.51	254	1.04	<0.01
G2-L1 S-16 (-)	20.9	2.25	4.92	<0.05	<0.02	0.02	0.020	0.08	19.7	20.7	0.67	340	0.55	<0.01
G2-L1 S-17 (-)	72.9	2.66	5.35	<0.05	0.03	<0.01	0.025	0.13	16.6	12.8	0.74	481	1.02	0.06
G2-L2 S-1 (-)	77.7	2.04	4.49	<0.05	<0.02	0.05	0.016	0.10	15.9	5.7	0.39	300	1.91	0.03
G2-L2 S-2 (-)	34.5	2.15	4.36	<0.05	<0.02	0.02	0.017	0.09	22.7	12.1	0.55	339	0.91	0.02
G2-L2 S-3 (-)	43.2	2.37	4.55	<0.05	0.02	0.03	0.021	0.10	22.8	11.8	0.59	447	0.97	0.03
G2-L2 S-4 (-)	59.9	2.75	5.40	<0.05	<0.02	0.03	0.025	0.12	24.0	12.2	0.63	576	1.29	0.02
G2-L2 S-5 (-)	32.4	2.79	5.77	<0.05	<0.02	0.01	0.020	0.10	19.6	16.7	0.67	465	1.11	0.01
G2-L2 S-6 (-)	34.9	2.62	5.43	<0.05	<0.02	0.02	0.023	0.11	23.5	19.5	0.73	308	0.86	0.02
G2-L2 S-7 (-)	39.7	2.37	6.03	<0.05	<0.02	<0.01	0.019	0.12	19.0	10.7	0.52	329	1.26	0.01
G2-L2 S-8 (-)	23.4	1.42	4.67	<0.05	<0.02	0.02	0.014	0.08	16.6	5.5	0.23	1110	0.76	0.01
G2-L2 S-9 (-)	19.5	1.95	4.60	<0.05	<0.02	0.02	0.014	0.07	12.1	6.0	0.26	1560	0.95	0.01
G2-L2 S-10 (-)	71.3	2.12	4.23	<0.05	<0.02	0.05	0.020	0.09	16.5	11.6	0.44	438	0.92	0.02

Certified By: Ron Cardinall

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AGAT WORK ORDER: 11Y523648
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CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
G2-L2 S-11 (-)	31.5	2.79	6.38	<0.05	<0.02	0.02	0.022	0.08	21.7	10.9	0.48	874	1.26	<0.01
G2-L2 S-12 (-)	2940	2.17	8.31	<0.05	<0.02	<0.01	0.029	0.20	11.8	14.6	0.23	440	1.20	0.04
G2-L2 S-13 (-)	24.7	2.74	6.74	<0.05	<0.02	0.02	0.018	0.10	20.0	13.9	0.55	456	1.11	<0.01
G2-L2 S-14 (-)	63.9	2.62	6.43	<0.05	<0.02	0.03	0.023	0.15	19.8	20.9	0.65	500	1.03	0.01
G2-L2 S-15 (-)	31.3	2.44	6.32	<0.05	<0.02	0.03	0.025	0.15	19.6	17.1	0.62	299	0.92	0.01
G2-L2 S-16 (-)	17.6	1.44	4.98	<0.05	<0.02	0.01	0.011	0.07	12.8	7.7	0.34	176	0.73	0.01
G2-L2 S-17 (-)	40.4	3.40	6.88	<0.05	0.03	0.03	0.032	0.14	19.9	27.2	0.75	565	1.09	<0.01
G2-L3 S-1 (-)	20.5	3.45	6.86	<0.05	0.02	0.04	0.023	0.17	17.9	20.6	0.76	402	0.85	<0.01
G2-L3 S-2 (-)	59.0	2.95	5.97	<0.05	<0.02	0.05	0.025	0.13	18.2	19.1	0.66	462	1.92	0.02
G2-L3 S-3 (-)	33.6	2.67	5.01	<0.05	<0.02	0.03	0.026	0.10	22.6	16.6	0.64	399	1.09	0.04
G2-L3 S-4 (-)	33.1	1.98	4.43	<0.05	<0.02	0.03	0.017	0.07	19.3	7.8	0.37	204	1.36	0.02
G2-L3 S-5 (-)	64.3	2.87	5.18	<0.05	<0.02	0.04	0.024	0.11	25.2	14.6	0.63	582	1.36	0.03
G2-L3 S-6 (-)	97.2	2.56	5.88	<0.05	<0.02	0.06	0.019	0.09	14.3	7.1	0.36	441	2.89	0.02
G2-L3 S-7 (-)	28.1	1.47	2.25	<0.05	<0.02	0.04	<0.005	0.03	2.6	0.6	0.06	87	0.46	0.02
G2-L3 S-8 (-)	17.5	2.62	6.32	<0.05	<0.02	0.04	0.019	0.10	16.5	13.1	0.48	282	1.05	<0.01
G2-L3 S-9 (-)	54.5	1.70	4.85	<0.05	<0.02	0.04	0.016	0.07	14.8	4.7	0.20	183	2.08	0.01
G2-L3 S-10 (-)	301	4.38	7.61	<0.05	<0.02	0.03	0.021	0.48	17.9	13.2	2.55	734	0.60	0.03
G2-L3 S-11 (-)	50.8	1.22	2.77	<0.05	<0.02	0.05	0.012	0.04	12.9	3.0	0.17	326	0.66	0.02
G2-L3 S-12 (-)	38.6	2.88	5.96	<0.05	0.02	0.03	0.022	0.09	17.6	17.8	0.73	313	0.99	0.04
G2-L3 S-13 (-)	47.4	1.70	4.44	<0.05	<0.02	0.03	0.017	0.07	15.8	8.0	0.37	236	0.78	0.02
G2-L3 S-14 (-)	4580	2.22	6.29	<0.05	<0.02	0.03	0.017	0.20	16.6	9.6	0.16	508	1.14	0.05
G2-L3 S-15 (-)	42.0	2.13	4.35	<0.05	<0.02	0.04	0.015	0.07	15.3	11.2	0.48	253	0.61	0.02
G2-L3 S-16 (-)	63.0	2.43	4.98	<0.05	<0.02	0.03	0.026	0.12	18.8	19.4	0.55	638	0.87	0.02
G2-L3 S-17 (-)	27.5	1.35	3.52	<0.05	<0.02	0.03	0.015	0.05	9.3	11.1	0.32	179	0.38	0.02
G2-L4 S-1 (-)	58.1	2.71	6.27	<0.05	<0.02	0.04	0.022	0.11	22.0	10.6	0.48	709	1.84	0.01
G2-L4 S-2 (-)	66.9	3.43	6.22	<0.05	<0.02	0.04	0.035	0.14	24.1	18.6	0.77	714	1.57	0.03
G2-L4 S-3 (-)	42.7	3.22	5.35	<0.05	<0.02	0.03	0.025	0.11	17.5	11.5	0.54	392	1.84	0.02
G2-L4 S-4 (-)	63.1	2.80	5.88	<0.05	<0.02	0.04	0.026	0.11	21.6	16.6	0.63	446	1.56	0.02
G2-L4 S-5 (-)	43.1	2.74	5.89	<0.05	<0.02	0.03	0.021	0.09	21.7	14.8	0.55	389	1.29	0.02
G2-L4 S-6 (-)	48.5	2.92	5.79	<0.05	<0.02	0.05	0.021	0.09	25.7	18.6	0.63	422	1.35	0.02
G2-L4 S-7 (-)	57.9	3.22	6.43	<0.05	<0.02	0.03	0.030	0.11	24.1	20.9	0.72	468	1.36	0.02
G2-L4 S-8 (-)	50.8	2.96	6.03	<0.05	<0.02	0.02	0.032	0.10	23.9	18.5	0.66	451	1.23	0.02

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
G2-L4 S-9 (-)	35.5	2.71	5.09	<0.05	<0.02	0.02	0.023	0.10	22.3	15.8	0.58	349	1.39	0.02
G2-L4 S-10 (-)	21.1	2.54	6.81	<0.05	0.04	0.02	0.021	0.08	18.0	17.3	0.51	294	1.02	<0.01
G2-L4 S-11 (-)	44.3	2.21	5.28	<0.05	<0.02	0.03	0.019	0.07	16.4	10.6	0.37	1120	0.94	0.03
G2-L4 S-12 (-)	352	4.97	6.91	<0.05	<0.02	0.03	0.018	0.49	12.3	8.2	1.69	777	0.47	0.03
G2-L4 S-13 (-)	242	3.23	5.79	<0.05	<0.02	0.03	0.023	0.14	16.9	9.8	1.09	595	0.72	0.02
G2-L4 S-14 (-)	85.6	2.09	4.63	<0.05	<0.02	<0.01	0.015	0.08	17.5	11.3	0.62	322	0.59	0.02
G2-L4 S-15 (-)	10.1	0.33	1.07	<0.05	<0.02	0.01	<0.005	0.02	1.9	0.5	0.05	21	0.11	0.04
G2-L4 S-16 (-)	76.9	2.33	4.79	<0.05	0.02	0.02	0.018	0.12	20.9	13.6	0.71	360	0.73	0.03
G2-L4 S-17 (-)	122	2.75	5.73	<0.05	0.02	0.11	0.028	0.13	35.8	25.3	0.75	820	0.84	0.02
G2-L5 S-1 (-)	46.6	2.55	5.39	<0.05	<0.02	0.03	0.024	0.08	22.4	15.8	0.55	316	1.09	0.02
G2-L5 S-2 (-)	72.1	2.40	4.40	<0.05	0.02	0.03	0.020	0.09	22.7	11.4	0.59	466	0.99	0.03
G2-L5 S-3 (-)	41.5	2.27	5.54	<0.05	<0.02	0.03	0.024	0.08	16.0	6.9	0.34	270	1.54	0.02
G2-L5 S-4 (-)	80.5	3.07	6.67	<0.05	<0.02	0.05	0.033	0.09	23.1	18.5	0.63	475	1.66	0.01
G2-L5 S-5 (-)	51.3	2.41	5.15	<0.05	<0.02	0.03	0.028	0.10	20.6	16.1	0.52	436	1.28	0.01
G2-L5 S-6 (-)	32.9	2.72	5.39	<0.05	0.02	<0.01	0.026	0.08	20.8	20.1	0.58	367	1.16	0.01
G2-L5 S-7 (-)	35.9	1.72	3.68	<0.05	<0.02	0.09	0.019	0.05	16.3	4.1	0.20	122	1.17	0.02
G2-L5 S-8 (-)	10.7	1.70	5.80	<0.05	<0.02	0.02	0.008	0.08	14.7	6.1	0.27	148	1.06	<0.01
G2-L5 S-9 (-)	68.9	2.73	4.60	<0.05	0.03	0.02	0.026	0.10	29.5	13.1	0.65	593	1.31	0.03
G2-L5 S-10 (-)	80.5	3.02	6.26	<0.05	<0.02	0.04	0.028	0.11	27.2	17.7	0.65	635	1.51	0.02
G2-L5 S-11 (-)	117	1.85	4.31	<0.05	<0.02	0.07	0.018	0.08	26.6	7.7	0.35	353	2.36	0.03
G2-L5 S-12 (-)	163	2.44	4.90	<0.05	0.04	<0.01	0.021	0.29	20.2	13.1	1.12	427	0.97	0.02
G2-L5 S-13 (-)	20.5	0.54	1.46	<0.05	<0.02	0.02	<0.005	0.02	4.7	1.5	0.09	98	0.24	0.03
G2-L5 S-14 (-)	35.8	1.10	3.33	<0.05	<0.02	0.02	0.009	0.06	8.0	3.9	0.20	228	0.69	0.01
G2-L5 S-15 (-)	73.2	0.79	3.73	<0.05	<0.02	0.07	0.007	0.04	11.5	2.3	0.09	183	0.66	0.02
G2-L5 S-16 (-)	315	6.03	6.00	<0.05	<0.02	0.04	0.015	0.48	14.5	6.4	1.43	636	0.53	0.03
G2-L5 S-17 (-)	252	3.77	6.30	<0.05	<0.02	0.04	0.017	0.65	13.0	12.2	1.90	688	0.61	0.02

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
G1-L2 S-1 (-)	1.30	30.4	86	12.7	10.4	<0.001	0.017	0.24	4.3	0.3	1.3	18.5	<0.01	0.07
G1-L2 S-2 (-)	0.65	25.2	997	11.9	7.8	<0.001	0.048	0.12	3.7	0.4	0.9	46.8	<0.01	0.03
G1-L2 S-3 (-)	1.91	44.1	1110	15.9	15.2	<0.001	0.089	0.45	5.3	4.6	1.1	33.5	<0.01	0.04
G1-L2 S-4 (-)	1.57	37.0	1120	14.5	11.8	0.001	0.074	0.26	4.8	1.3	1.0	48.9	<0.01	0.05
G1-L2 S-5 (-)	0.38	4.7	979	2.5	1.0	<0.001	0.115	0.08	0.4	0.4	0.5	45.9	<0.01	0.01
G1-L2 S-6 (-)	1.02	31.3	1240	13.3	7.4	0.001	0.155	0.39	3.4	3.4	0.8	52.7	<0.01	0.03
G1-L2 S-7 (-)	1.13	33.0	1500	11.0	7.1	0.001	0.174	0.56	2.7	8.4	1.1	62.9	<0.01	0.07
G1-L2 S-8 (-)	0.95	24.3	1510	8.5	6.5	0.001	0.255	0.37	1.8	3.9	0.8	89.4	<0.01	0.05
G1-L2 S-9 (-)	1.86	37.1	1140	16.9	24.7	0.002	0.169	0.61	4.7	3.8	2.5	73.9	<0.01	0.03
G1-L2 S-10 (-)	1.42	27.4	1120	13.9	16.6	<0.001	0.115	0.52	3.8	1.2	2.4	62.9	<0.01	0.06
G1-L2 S-11 (-)	1.43	26.7	1010	12.6	18.4	0.001	0.250	0.36	3.4	0.9	1.0	106	<0.01	0.03
G1-L2 S-12 (-)	1.44	28.0	1150	13.8	25.0	0.002	0.103	0.32	4.4	0.9	1.0	56.0	<0.01	0.03
G1-L2 S-13 (-)	1.03	31.4	1320	8.3	7.0	<0.001	0.239	0.25	3.1	0.6	1.2	106	<0.01	0.03
G1-L2 S-14 (-)	1.21	33.9	1130	12.3	15.1	<0.001	0.022	0.44	4.8	0.4	1.7	31.7	<0.01	0.06
G1-L2 S-15 (-)	1.10	22.9	793	9.4	14.7	<0.001	0.029	0.33	2.9	0.2	1.4	30.3	<0.01	0.04
G1-L2 S-16 (-)	1.05	27.3	949	12.5	17.1	<0.001	0.010	0.45	3.3	0.3	1.2	15.4	<0.01	0.03
G1-L2 S-17 (-)	0.53	32.5	1320	20.6	13.1	<0.001	0.033	0.30	0.9	0.6	1.0	9.6	<0.01	0.04
G1-L3 S-1 (-)	1.17	35.7	1330	15.6	11.6	0.001	0.318	0.83	3.0	2.2	2.5	222	<0.01	0.12
G1-L3 S-2 (-)	0.80	29.6	603	18.6	15.3	<0.001	1.04	0.44	2.7	0.5	2.0	305	<0.01	0.04
G1-L3 S-3 (-)	0.96	36.9	1460	13.4	15.9	<0.001	0.123	0.68	4.0	0.7	3.6	70.8	<0.01	0.03
G1-L3 S-4 (-)	1.38	21.0	944	13.9	20.5	<0.001	0.073	0.43	3.2	0.6	1.9	75.7	<0.01	0.03
G1-L3 S-5 (-)	1.31	25.7	1240	13.0	13.5	<0.001	0.009	0.41	3.1	0.3	1.0	18.9	<0.01	0.03
G1-L3 S-6 (-)	1.07	21.2	1130	9.8	12.1	<0.001	0.011	0.30	2.4	<0.2	0.8	14.3	<0.01	0.03
G1-L3 S-7 (-)	1.26	25.2	1310	10.3	12.9	<0.001	0.011	0.40	2.9	0.3	0.8	14.1	<0.01	0.04
G1-L3 S-8 (-)	0.90	26.5	1110	10.0	13.0	<0.001	0.008	0.39	3.2	0.3	0.7	13.0	<0.01	0.03
G1-L3 S-9 new sample (-)	0.76	19.2	586	10.8	19.3	<0.001	0.027	0.38	1.8	<0.2	1.1	23.2	<0.01	0.03
G1-L3 S-9 (-)	1.15	35.2	783	14.3	16.7	<0.001	0.013	0.90	4.7	0.8	3.3	27.1	<0.01	0.05
G1-L3 S-10 (-)	0.90	17.7	1140	11.2	14.2	<0.001	0.059	0.31	1.9	0.3	2.2	50.2	<0.01	0.03
G1-L3 S-11 (-)	0.79	21.4	1230	9.8	11.4	<0.001	0.031	0.24	2.7	<0.2	0.8	29.4	<0.01	0.04
G1-L3 S-12 (-)	1.10	19.3	1020	11.2	18.0	<0.001	0.115	0.27	2.2	0.8	1.2	70.2	<0.01	0.03
G1-L3 S-13 (-)	1.30	28.6	871	10.6	15.3	<0.001	0.011	0.29	3.4	0.3	1.4	17.9	<0.01	0.04
G1-L3 S-14 (-)	1.06	25.5	1220	10.4	13.3	<0.001	0.010	0.36	3.8	0.5	1.5	13.7	<0.01	0.02

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
G1-L3 S-15 (-)	1.17	26.9	1150	10.3	12.8	<0.001	0.008	0.37	4.2	0.4	0.9	12.8	<0.01	0.01
G1-L3 S-16 (-)	1.08	30.4	1130	11.1	13.7	<0.001	0.009	0.38	4.5	0.2	0.9	18.4	<0.01	0.02
G1-L3 S-17 (-)	1.13	28.6	1160	13.1	8.3	<0.001	0.010	0.37	3.2	0.4	0.8	12.4	<0.01	0.03
G1-L4 S-1 (-)	1.04	32.0	1310	14.8	17.8	<0.001	0.007	0.36	4.5	0.4	1.1	22.3	<0.01	0.03
G1-L4 S-2 (-)	1.04	34.4	1490	13.4	13.7	<0.001	0.164	0.23	4.5	1.2	4.0	93.1	<0.01	0.04
G1-L4 S-3 (-)	1.18	33.6	1420	16.3	21.2	<0.001	0.008	0.35	5.3	0.4	1.2	23.7	<0.01	0.04
G1-L4 S-4 (-)	0.73	53.7	1150	23.2	38.8	<0.001	0.009	0.76	8.1	0.3	6.9	44.1	<0.01	0.05
G1-L4 S-5 (-)	0.67	20.0	1120	9.9	6.7	<0.001	0.030	0.32	1.8	0.4	0.8	31.1	<0.01	0.04
G1-L4 S-6 (-)	0.99	28.7	1150	11.5	11.4	<0.001	0.013	0.51	2.8	0.3	0.6	18.6	<0.01	0.03
G1-L4 S-7 (-)	0.87	23.1	905	13.0	17.8	<0.001	0.022	0.57	2.0	0.2	3.1	9.6	<0.01	0.07
G1-L4 S-8 (-)	0.60	21.2	1380	8.8	12.0	<0.001	0.019	0.32	2.1	<0.2	1.2	23.1	<0.01	0.05
G1-L4 S-9 (-)	1.08	26.3	1080	8.2	10.4	<0.001	0.019	0.26	3.0	0.2	1.1	28.7	<0.01	0.03
G1-L4 S-10 (-)	0.60	9.5	1680	5.9	5.1	<0.001	0.156	0.22	1.0	0.4	1.1	102	0.02	0.02
G1-L4 S-11 (-)	1.00	26.3	1080	8.7	10.3	<0.001	0.008	0.29	3.5	0.4	0.8	18.2	<0.01	0.03
G1-L4 S-12 (-)	1.23	25.6	413	8.5	12.0	<0.001	0.013	0.26	3.9	0.2	1.1	21.0	<0.01	0.04
G1-L4 S-13 (-)	0.86	11.3	1470	7.0	5.8	<0.001	0.154	0.18	1.3	0.4	0.7	97.0	0.01	0.04
G1-L4 S-14 (-)	0.67	13.0	938	5.4	6.1	<0.001	0.071	0.13	2.0	<0.2	0.6	45.5	0.01	0.02
G1-L4 S-15 (-)	0.78	9.4	1910	4.8	4.7	<0.001	0.216	0.17	0.9	0.6	0.8	101	0.03	0.02
G1-L4 S-16 (-)	0.98	24.5	1000	8.8	11.0	<0.001	0.044	0.29	2.9	0.4	1.0	36.6	<0.01	0.02
G1-L4 S-17 (-)	0.94	22.3	1230	10.5	12.9	<0.001	0.061	0.28	2.7	0.3	1.1	35.6	<0.01	0.03
G1-L5 S-1 (-)	1.09	32.7	1200	13.3	13.5	<0.001	0.008	0.43	3.9	0.4	1.0	14.9	<0.01	0.03
G1-L5 S-2 (-)	0.91	31.3	1180	13.5	11.3	<0.001	0.007	0.42	3.9	0.3	0.8	16.9	<0.01	0.04
G1-L5 S-3 (-)	0.91	13.3	614	11.5	15.0	<0.001	0.012	0.22	1.7	0.2	0.8	14.9	<0.01	0.03
G1-L5 S-4 (-)	0.24	20.9	1830	12.0	10.0	<0.001	0.022	0.33	1.0	0.2	0.6	21.1	<0.01	0.03
G1-L5 S-5 (-)	0.48	31.0	641	16.0	12.2	0.001	1.08	0.40	3.7	0.8	0.9	312	<0.01	0.04
G1-L5 S-6 (-)	1.47	39.6	1090	31.7	21.5	<0.001	0.058	0.35	7.4	0.4	3.3	75.1	<0.01	0.08
G1-L5 S-7 (-)	1.11	34.3	1190	13.2	16.6	<0.001	0.014	0.34	4.8	0.3	0.9	37.1	<0.01	0.03
G1-L5 S-8 (-)	0.78	7.6	420	4.6	11.2	<0.001	0.034	0.18	1.1	<0.2	0.6	23.6	<0.01	0.02
G1-L5 S-9 (-)	0.67	13.0	1060	8.9	28.0	<0.001	0.103	0.26	1.6	0.3	2.3	84.0	<0.01	0.02
G1-L5 S-10 (-)	1.23	21.9	2200	15.2	9.0	<0.001	0.335	0.38	4.2	1.2	2.0	161	0.02	<0.01
G1-L5 S-11 (-)	0.82	11.5	1010	7.3	7.1	<0.001	0.077	0.18	1.3	0.2	0.6	61.5	<0.01	0.03
G1-L5 S-12 (-)	0.92	22.9	1090	9.1	12.6	<0.001	0.037	0.22	3.0	0.3	0.9	37.6	<0.01	0.02

Certified By: Ron Cardinall

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Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
G1-L5 S-13 (-)	0.88	20.8	1040	11.1	11.9	<0.001	0.110	0.32	2.5	0.3	0.7	77.7	<0.01	0.02
G1-L5 S-14 (-)	0.79	19.6	1100	9.6	9.8	<0.001	0.057	0.24	2.5	<0.2	0.8	50.5	<0.01	0.03
G1-L5 S-15 (-)	0.92	16.6	568	6.5	8.4	<0.001	0.052	0.22	1.7	0.2	0.6	31.7	<0.01	0.01
G1-L5 S-16 (-)	0.33	7.1	1240	2.4	1.3	<0.001	0.289	0.32	0.3	0.9	0.3	163	0.01	0.04
G1-L5 S-17 (-)	1.18	20.8	1620	10.6	16.0	<0.001	0.105	0.37	4.7	0.7	1.7	58.5	<0.01	0.02
G2-L1 S-1 (-)	0.61	16.8	809	14.5	24.9	<0.001	0.024	0.31	1.9	<0.2	2.0	14.3	<0.01	0.04
G2-L1 S-2 (-)	0.63	19.1	1580	30.1	18.0	<0.001	0.066	0.41	2.1	0.3	2.6	22.5	<0.01	0.05
G2-L1 S-3 (-)	0.94	23.8	1260	12.4	14.7	<0.001	0.035	0.68	4.0	0.3	2.7	35.8	<0.01	0.04
G2-L1 S-4 (-)	0.62	9.8	943	14.4	11.7	<0.001	0.066	0.23	2.1	0.3	11.0	18.2	<0.01	0.02
G2-L1 S-5 (-)	1.16	21.7	1230	11.8	12.6	<0.001	0.014	0.51	4.3	0.4	2.1	38.8	<0.01	0.03
G2-L1 S-6 (-)	1.31	22.4	1260	14.5	17.0	<0.001	0.016	0.48	4.0	0.4	3.4	26.4	<0.01	0.05
G1-L2 S-7 (-)	0.66	12.8	826	12.9	30.1	<0.001	0.032	0.23	1.4	<0.2	2.6	10.7	<0.01	0.03
G2-L1 S-8 (-)	0.24	9.6	751	6.8	6.8	<0.001	0.041	0.21	1.6	<0.2	0.6	20.5	<0.01	0.03
G2-L1 S-9 (-)	1.10	23.2	1300	19.9	30.0	<0.001	0.022	0.31	2.6	0.3	11.3	14.3	<0.01	0.05
G2-L1 S-10 (-)	1.71	20.4	643	23.2	26.6	<0.001	0.020	0.49	3.0	0.4	4.5	18.4	<0.01	0.05
G2-L1 S-11 (-)	0.16	10.0	905	8.2	10.1	<0.001	0.067	0.19	0.5	0.2	0.8	13.3	<0.01	0.03
G2-L1 S-12 (-)	0.11	1.2	321	1.7	2.0	<0.001	0.029	<0.05	0.2	0.2	0.6	7.5	<0.01	0.01
G2-L1 S-13 (-)	0.82	25.3	841	18.4	26.7	<0.001	0.045	0.22	3.8	0.5	11.7	18.6	<0.01	0.04
G2-L1 S-14 (-)	1.24	29.0	1030	20.0	25.6	<0.001	0.021	0.34	4.6	0.6	3.5	19.0	<0.01	0.04
G2-L1 S-15 (-)	1.37	13.9	358	15.1	25.6	<0.001	0.026	0.24	2.5	<0.2	3.5	12.1	<0.01	0.03
G2-L1 S-16 (-)	1.23	21.8	1080	15.1	12.2	<0.001	0.011	0.25	3.6	0.2	2.2	19.3	<0.01	0.03
G2-L1 S-17 (-)	1.07	22.3	2200	9.3	10.9	<0.001	0.022	0.63	6.7	0.6	2.0	77.1	<0.01	0.04
G2-L2 S-1 (-)	0.85	16.7	753	13.9	14.0	<0.001	0.034	0.58	3.7	0.2	13.7	42.9	<0.01	0.04
G2-L2 S-2 (-)	1.28	20.2	1260	8.9	10.2	<0.001	0.014	0.52	4.3	0.3	2.2	34.8	<0.01	0.03
G2-L2 S-3 (-)	1.13	21.0	1490	9.0	10.5	<0.001	0.016	0.68	5.4	0.3	2.4	58.9	<0.01	0.06
G2-L2 S-4 (-)	0.63	19.9	1060	12.3	17.0	<0.001	0.046	0.66	3.5	0.5	1.5	56.4	<0.01	0.04
G2-L2 S-5 (-)	1.16	20.5	925	13.8	18.2	<0.001	0.021	0.45	3.8	0.3	2.1	33.7	<0.01	0.04
G2-L2 S-6 (-)	1.53	21.9	1330	14.3	12.5	<0.001	0.017	0.44	4.6	0.3	1.8	52.0	<0.01	0.02
G2-L2 S-7 (-)	1.40	16.8	597	12.3	28.7	<0.001	0.020	0.47	3.7	0.2	3.9	34.9	<0.01	0.04
G2-L2 S-8 (-)	0.49	8.1	543	8.6	32.8	<0.001	0.030	0.23	0.9	0.3	1.5	11.6	<0.01	0.03
G2-L2 S-9 (-)	0.21	10.2	797	15.1	19.6	<0.001	0.051	0.33	0.4	0.4	1.3	10.3	<0.01	0.03
G2-L2 S-10 (-)	0.43	18.2	977	8.7	14.3	<0.001	0.033	0.52	4.3	0.4	0.8	24.4	<0.01	0.04

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
G2-L2 S-11 (-)	0.40	14.6	1750	22.7	28.0	<0.001	0.099	0.37	1.1	0.5	2.2	14.8	<0.01	0.05
G2-L2 S-12 (-)	1.89	9.1	565	14.2	34.7	<0.001	0.748	0.23	3.0	0.2	2.6	227	<0.01	0.03
G2-L2 S-13 (-)	1.65	16.3	404	17.4	32.8	<0.001	0.019	0.37	2.9	0.3	1.5	11.3	<0.01	0.04
G2-L2 S-14 (-)	1.08	26.5	989	17.8	29.7	<0.001	0.046	0.38	4.8	0.6	2.1	19.8	<0.01	0.04
G2-L2 S-15 (-)	0.52	21.6	748	15.4	34.5	<0.001	0.034	0.37	1.7	0.4	2.0	19.2	<0.01	0.03
G2-L2 S-16 (-)	0.33	10.8	509	11.9	16.8	<0.001	0.030	0.21	0.5	0.3	1.9	15.3	<0.01	0.04
G2-L2 S-17 (-)	1.58	28.5	1150	23.8	21.4	<0.001	0.016	0.48	4.1	0.3	2.5	19.3	<0.01	0.04
G2-L3 S-1 (-)	1.80	21.6	659	20.0	31.5	<0.001	0.033	0.40	3.0	0.3	2.2	11.5	<0.01	0.04
G2-L3 S-2 (-)	1.47	26.4	942	16.7	22.5	<0.001	0.024	0.53	4.0	0.2	8.6	24.0	<0.01	0.02
G2-L3 S-3 (-)	1.23	24.5	1200	11.2	13.4	<0.001	0.018	0.58	4.2	0.4	1.5	33.1	<0.01	0.05
G2-L3 S-4 (-)	1.11	15.5	683	8.0	10.1	<0.001	0.027	0.54	2.7	0.3	2.5	19.8	<0.01	0.04
G2-L3 S-5 (-)	0.84	30.1	1460	10.5	12.8	<0.001	0.021	0.88	5.5	0.6	1.7	60.2	<0.01	0.03
G2-L3 S-6 (-)	1.51	22.8	835	17.4	14.9	<0.001	0.064	0.59	2.6	0.4	17.8	19.6	<0.01	0.05
G2-L3 S-7 (-)	0.06	4.4	466	2.5	2.8	<0.001	0.046	0.08	0.4	<0.2	2.6	17.5	<0.01	0.02
G2-L3 S-8 (-)	1.41	15.5	472	14.7	19.6	<0.001	0.017	0.33	2.6	0.3	2.5	10.2	<0.01	0.05
G2-L3 S-9 (-)	0.98	14.7	659	9.4	14.7	<0.001	0.031	0.47	1.7	0.3	3.8	16.5	<0.01	0.03
G2-L3 S-10 (-)	0.83	49.7	3620	5.3	34.3	<0.001	0.053	0.42	10.8	0.8	1.4	87.1	<0.01	0.04
G2-L3 S-11 (-)	0.10	7.1	1790	7.1	10.7	<0.001	0.135	0.17	0.3	<0.2	0.7	11.4	<0.01	0.02
G2-L3 S-12 (-)	1.81	25.7	1210	14.2	14.0	<0.001	0.015	0.41	4.1	0.5	2.8	23.6	<0.01	0.05
G2-L3 S-13 (-)	0.35	11.7	825	8.8	15.0	<0.001	0.042	0.21	1.0	0.4	2.3	14.3	<0.01	0.02
G2-L3 S-14 (-)	0.62	13.7	654	16.8	18.8	<0.001	1.11	0.36	1.1	<0.2	1.5	338	<0.01	0.04
G2-L3 S-15 (-)	0.60	15.8	1380	8.9	8.6	<0.001	0.032	0.25	2.7	0.4	0.5	26.7	<0.01	0.03
G2-L3 S-16 (-)	0.67	25.2	1150	15.0	21.8	<0.001	0.044	0.38	4.7	0.9	1.5	24.6	<0.01	0.02
G2-L3 S-17 (-)	0.33	10.5	659	8.1	11.5	<0.001	0.047	0.14	1.5	0.4	1.1	10.9	<0.01	0.03
G2-L4 S-1 (-)	1.04	20.7	892	13.1	23.6	<0.001	0.065	0.76	2.7	0.5	2.5	33.9	<0.01	0.08
G2-L4 S-2 (-)	1.07	31.5	1410	14.7	17.8	<0.001	0.027	0.80	6.0	0.4	5.2	49.0	<0.01	0.07
G2-L4 S-3 (-)	1.52	25.1	1240	11.5	14.2	<0.001	0.024	1.07	4.3	0.5	2.0	31.5	<0.01	0.05
G2-L4 S-4 (-)	1.14	23.7	1250	12.6	16.4	<0.001	0.031	0.62	5.0	0.3	2.8	39.9	<0.01	0.05
G2-L4 S-5 (-)	1.11	22.0	1010	11.8	18.1	<0.001	0.028	0.62	3.8	0.2	1.5	28.5	<0.01	0.04
G2-L4 S-6 (-)	1.23	25.1	1140	13.4	14.6	<0.001	0.021	0.68	4.8	0.4	2.3	35.6	<0.01	0.04
G2-L4 S-7 (-)	1.24	28.0	1130	12.8	19.1	<0.001	0.022	0.81	5.5	0.6	1.5	50.1	<0.01	0.05
G2-L4 S-8 (-)	1.27	25.5	1290	12.9	15.3	<0.001	0.027	0.72	5.0	0.4	1.1	42.7	<0.01	0.05

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
G2-L4 S-9 (-)	1.48	25.6	1410	9.5	13.6	0.001	0.018	0.80	4.5	0.6	1.0	35.9	<0.01	0.02
G2-L4 S-10 (-)	1.71	16.8	599	15.4	14.0	<0.001	0.018	0.38	3.1	0.6	2.6	14.0	<0.01	0.01
G2-L4 S-11 (-)	0.37	14.5	985	10.6	16.2	<0.001	0.053	0.39	1.6	0.4	0.9	25.4	<0.01	0.08
G2-L4 S-12 (-)	0.39	36.2	5930	4.0	52.2	<0.001	0.125	0.19	7.2	1.1	1.4	99.0	<0.01	0.05
G2-L4 S-13 (-)	0.36	26.3	4740	6.2	25.3	<0.001	0.126	0.28	4.3	0.5	1.9	60.4	<0.01	0.04
G2-L4 S-14 (-)	0.45	18.4	1940	7.8	17.7	0.001	0.033	0.32	3.6	0.4	0.8	36.3	<0.01	0.03
G2-L4 S-15 (-)	0.07	1.1	402	1.5	1.0	<0.001	0.022	<0.05	0.4	0.2	0.3	9.8	<0.01	0.02
G2-L4 S-16 (-)	1.23	22.8	2120	7.1	15.8	<0.001	0.017	0.42	5.5	0.4	1.1	53.7	<0.01	0.02
G2-L4 S-17 (-)	0.94	31.3	1290	14.1	20.9	<0.001	0.074	0.41	6.9	1.6	1.5	36.6	<0.01	0.01
G2-L5 S-1 (-)	1.75	19.9	868	9.3	10.8	<0.001	0.019	0.69	4.8	0.2	1.2	41.2	<0.01	0.04
G2-L5 S-2 (-)	1.11	21.4	1680	7.4	9.2	<0.001	0.022	0.59	6.1	0.3	1.6	85.0	<0.01	0.04
G2-L5 S-3 (-)	0.88	16.1	634	8.3	14.7	<0.001	0.035	0.71	2.7	0.8	1.7	29.9	<0.01	0.05
G2-L5 S-4 (-)	1.17	27.2	1110	13.3	15.3	<0.001	0.047	0.79	5.4	0.4	1.3	36.1	<0.01	0.03
G2-L5 S-5 (-)	0.86	24.1	965	12.8	17.2	<0.001	0.048	0.61	2.5	0.4	2.7	32.4	<0.01	0.02
G2-L5 S-6 (-)	1.00	28.4	1090	12.7	15.2	<0.001	0.015	0.68	3.8	0.6	1.0	21.5	<0.01	0.04
G2-L5 S-7 (-)	0.42	10.9	743	6.4	7.5	<0.001	0.055	0.52	0.9	0.2	1.8	25.5	<0.01	0.05
G2-L5 S-8 (-)	1.52	9.5	491	9.4	20.6	<0.001	0.014	0.42	1.9	<0.2	1.6	6.7	<0.01	0.05
G2-L5 S-9 (-)	0.89	25.1	1850	8.4	10.2	<0.001	0.018	0.81	6.9	0.5	1.4	78.1	<0.01	0.05
G2-L5 S-10 (-)	0.91	27.1	1220	13.1	19.6	<0.001	0.036	0.70	4.5	0.7	2.9	52.4	<0.01	0.04
G2-L5 S-11 (-)	0.42	21.1	1190	12.6	12.6	<0.001	0.063	0.35	1.4	0.3	9.7	45.2	<0.01	0.05
G2-L5 S-12 (-)	0.89	34.4	1430	6.2	27.2	<0.001	0.013	0.64	6.3	0.5	1.3	40.9	<0.01	0.02
G2-L5 S-13 (-)	<0.05	2.9	718	1.7	2.6	<0.001	0.044	0.06	0.3	<0.2	0.4	10.3	<0.01	0.01
G2-L5 S-14 (-)	0.15	6.9	551	4.8	18.1	<0.001	0.039	0.15	0.4	<0.2	1.7	9.9	<0.01	0.03
G2-L5 S-15 (-)	0.20	5.3	1570	4.5	11.1	<0.001	0.099	0.14	0.4	0.3	0.7	8.2	<0.01	0.01
G2-L5 S-16 (-)	0.26	39.1	7310	3.7	60.5	<0.001	0.066	0.18	6.7	0.8	0.8	88.3	<0.01	0.06
G2-L5 S-17 (-)	0.57	49.3	3000	5.8	60.5	<0.001	0.043	0.29	7.4	0.5	0.9	46.1	<0.01	0.04

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
G1-L2 S-1 (-)	7.9	<0.005	0.13	2.27	47.7	1.10	12.7	2.2	1.8
G1-L2 S-2 (-)	5.8	0.054	0.18	5.79	41.1	0.77	11.0	85.1	1.0
G1-L2 S-3 (-)	9.3	0.029	0.19	10.5	57.6	1.18	13.6	113	2.4
G1-L2 S-4 (-)	9.8	0.027	0.18	7.76	53.5	1.06	12.3	101	1.9
G1-L2 S-5 (-)	0.4	0.024	0.03	2.30	9.4	0.09	2.57	12.6	1.5
G1-L2 S-6 (-)	3.2	0.023	0.13	16.9	36.0	0.70	9.89	84.5	1.0
G1-L2 S-7 (-)	3.4	0.016	0.19	43.3	38.7	0.80	15.9	83.2	2.0
G1-L2 S-8 (-)	2.0	0.019	0.13	8.83	30.9	0.64	10.6	79.3	2.5
G1-L2 S-9 (-)	7.3	0.033	0.20	17.6	43.4	0.81	20.1	187	2.9
G1-L2 S-10 (-)	7.4	0.032	0.15	2.41	42.2	1.51	12.5	106	3.0
G1-L2 S-11 (-)	5.2	0.038	0.17	4.27	38.9	0.69	10.4	100	2.8
G1-L2 S-12 (-)	8.1	0.036	0.16	2.02	43.8	0.55	12.8	127	2.5
G1-L2 S-13 (-)	3.2	0.027	0.10	4.33	35.6	0.23	14.7	70.7	2.9
G1-L2 S-14 (-)	9.0	0.042	0.13	1.74	42.7	1.38	13.2	86.9	1.6
G1-L2 S-15 (-)	4.2	0.037	0.13	2.03	31.7	1.22	9.85	58.8	1.0
G1-L2 S-16 (-)	4.5	0.043	0.17	1.66	43.6	2.46	9.41	67.2	<0.5
G1-L2 S-17 (-)	0.7	0.012	0.14	3.75	28.5	0.97	11.0	35.5	0.6
G1-L3 S-1 (-)	4.2	0.012	0.31	13.3	108	3.52	16.7	107	2.7
G1-L3 S-2 (-)	2.3	0.033	0.21	2.26	43.8	0.88	8.06	61.5	1.4
G1-L3 S-3 (-)	4.3	0.019	0.12	4.81	41.1	0.53	15.6	86.6	1.3
G1-L3 S-4 (-)	3.4	0.029	0.19	2.51	47.1	1.32	6.60	66.7	1.3
G1-L3 S-5 (-)	8.7	0.053	0.14	1.21	40.0	1.09	9.02	71.9	1.2
G1-L3 S-6 (-)	3.8	0.037	0.10	0.78	37.3	0.89	6.68	52.4	<0.5
G1-L3 S-7 (-)	6.0	0.047	0.11	0.97	39.6	1.56	7.99	63.9	<0.5
G1-L3 S-8 (-)	4.6	0.040	0.12	1.23	42.7	1.02	9.98	64.6	0.6
G1-L3 S-9 new sample (-)	1.3	0.020	0.13	0.92	38.5	2.55	4.80	70.9	<0.5
G1-L3 S-9 (-)	9.1	0.039	0.17	1.49	46.6	1.08	12.3	103	2.9
G1-L3 S-10 (-)	2.3	0.019	0.11	1.38	32.8	4.42	6.09	63.9	1.4
G1-L3 S-11 (-)	3.5	0.026	0.10	1.55	38.2	1.88	7.85	55.8	0.9
G1-L3 S-12 (-)	2.6	0.025	0.11	3.23	32.2	1.09	6.26	83.3	1.8
G1-L3 S-13 (-)	6.6	0.040	0.13	1.25	41.8	1.12	8.48	65.2	<0.5
G1-L3 S-14 (-)	5.7	0.047	0.14	1.50	40.1	1.95	12.9	60.2	<0.5

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
G1-L3 S-15 (-)	8.4	0.048	0.12	1.46	41.0	1.31	13.4	62.4	<0.5
G1-L3 S-16 (-)	9.3	0.062	0.14	1.70	43.8	1.70	15.0	67.5	0.8
G1-L3 S-17 (-)	7.4	0.039	0.08	1.01	40.4	1.35	7.88	61.7	0.6
G1-L4 S-1 (-)	10.4	0.068	0.16	1.43	45.4	1.25	15.9	78.9	3.2
G1-L4 S-2 (-)	7.2	0.018	0.14	10.6	42.6	0.49	17.8	69.0	1.5
G1-L4 S-3 (-)	10.5	0.059	0.18	1.55	50.8	1.36	18.9	79.3	2.5
G1-L4 S-4 (-)	13.8	0.073	0.29	1.34	72.2	1.63	20.5	140	7.4
G1-L4 S-5 (-)	2.0	0.015	0.08	1.53	38.2	1.30	5.57	42.9	0.5
G1-L4 S-6 (-)	5.6	0.026	0.10	0.84	39.1	1.20	6.60	58.7	0.6
G1-L4 S-7 (-)	1.4	0.046	0.11	0.87	55.6	1.05	4.57	74.2	<0.5
G1-L4 S-8 (-)	1.7	0.023	0.11	0.71	41.0	1.07	6.33	74.7	0.6
G1-L4 S-9 (-)	6.1	0.035	0.10	1.21	37.5	0.87	7.88	65.7	1.3
G1-L4 S-10 (-)	1.1	0.020	0.05	1.13	21.5	0.60	3.49	30.4	2.8
G1-L4 S-11 (-)	8.5	0.043	0.10	1.27	36.3	1.40	9.81	64.8	1.1
G1-L4 S-12 (-)	6.7	0.046	0.14	1.20	87.5	1.07	6.46	75.8	1.1
G1-L4 S-13 (-)	1.7	0.018	0.06	1.84	27.1	0.56	7.49	30.4	1.9
G1-L4 S-14 (-)	1.3	0.020	0.07	0.71	25.1	0.32	3.80	32.8	1.6
G1-L4 S-15 (-)	1.0	0.018	0.06	3.56	20.2	0.21	6.07	31.2	4.3
G1-L4 S-16 (-)	4.0	0.028	0.11	2.38	36.5	1.06	8.17	71.9	1.3
G1-L4 S-17 (-)	2.9	0.021	0.13	3.40	40.1	1.10	8.85	67.4	1.1
G1-L5 S-1 (-)	7.8	0.044	0.13	1.28	45.8	1.32	10.1	70.6	0.6
G1-L5 S-2 (-)	7.9	0.047	0.12	1.23	46.6	1.06	10.5	68.0	<0.5
G1-L5 S-3 (-)	1.7	0.022	0.15	0.55	43.3	0.75	3.91	34.7	<0.5
G1-L5 S-4 (-)	0.8	0.010	0.11	1.22	41.1	1.27	6.86	53.9	0.6
G1-L5 S-5 (-)	1.8	0.034	0.16	5.68	43.7	0.54	41.2	60.5	0.6
G1-L5 S-6 (-)	6.7	0.050	0.14	3.97	60.8	2.57	22.3	97.1	<0.5
G1-L5 S-7 (-)	7.1	0.057	0.11	1.17	45.9	1.56	13.3	83.7	1.2
G1-L5 S-8 (-)	0.9	0.034	0.05	0.49	24.4	0.35	1.84	29.2	<0.5
G1-L5 S-9 (-)	1.5	0.022	0.06	1.45	25.1	2.58	3.45	67.7	1.5
G1-L5 S-10 (-)	4.3	0.022	0.12	16.1	46.8	0.71	15.9	52.8	2.4
G1-L5 S-11 (-)	1.3	0.019	0.09	0.60	28.3	0.73	3.50	27.9	1.7
G1-L5 S-12 (-)	3.7	0.024	0.12	1.34	41.6	1.18	7.54	55.9	0.9

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
G1-L5 S-13 (-)	2.3	0.022	0.07	5.98	36.7	1.02	5.81	78.6	1.1
G1-L5 S-14 (-)	2.4	0.021	0.10	1.25	37.2	0.87	5.48	47.1	1.3
G1-L5 S-15 (-)	2.0	0.027	0.08	0.98	27.2	0.91	4.36	51.9	1.6
G1-L5 S-16 (-)	0.2	0.015	0.06	4.51	12.8	0.10	2.33	13.9	2.4
G1-L5 S-17 (-)	5.2	0.029	0.15	10.1	47.9	1.98	13.9	110	1.8
G2-L1 S-1 (-)	0.7	0.051	0.12	0.90	51.0	0.87	5.33	66.3	<0.5
G2-L1 S-2 (-)	0.7	0.040	0.13	2.09	60.4	1.11	6.75	79.4	<0.5
G2-L1 S-3 (-)	1.6	0.075	0.12	1.41	67.9	0.50	7.67	84.7	<0.5
G2-L1 S-4 (-)	0.4	0.024	0.06	2.08	23.5	0.25	6.06	39.1	<0.5
G2-L1 S-5 (-)	4.5	0.092	0.10	1.11	60.6	0.70	7.10	66.9	<0.5
G2-L1 S-6 (-)	3.9	0.084	0.12	1.18	63.7	1.04	6.56	81.8	0.5
G1-L2 S-7 (-)	0.5	0.052	0.11	0.72	49.0	0.92	3.03	88.4	<0.5
G2-L1 S-8 (-)	0.2	0.031	0.08	1.04	38.4	0.29	3.21	47.1	<0.5
G2-L1 S-9 (-)	1.6	0.078	0.12	0.72	61.3	2.47	5.06	88.1	<0.5
G2-L1 S-10 (-)	3.3	0.075	0.16	0.94	60.0	1.27	4.40	114	<0.5
G2-L1 S-11 (-)	0.2	0.009	0.09	1.58	32.5	0.55	3.09	38.8	<0.5
G2-L1 S-12 (-)	<0.1	0.008	0.02	0.37	8.1	<0.05	0.74	8.2	<0.5
G2-L1 S-13 (-)	1.2	0.057	0.16	1.26	59.7	0.78	5.94	83.6	<0.5
G2-L1 S-14 (-)	4.5	0.075	0.20	1.31	58.8	2.52	7.09	94.4	<0.5
G2-L1 S-15 (-)	2.1	0.072	0.13	0.90	51.6	1.60	4.01	56.7	<0.5
G2-L1 S-16 (-)	6.0	0.071	0.12	0.93	49.4	0.76	7.21	61.2	<0.5
G2-L1 S-17 (-)	4.2	0.099	0.12	0.86	93.5	0.42	7.59	60.7	0.9
G2-L2 S-1 (-)	1.0	0.077	0.10	0.86	73.3	0.54	4.78	67.2	<0.5
G2-L2 S-2 (-)	4.9	0.095	0.10	1.13	60.9	0.76	7.55	59.2	<0.5
G2-L2 S-3 (-)	5.4	0.102	0.10	1.11	70.3	0.42	8.08	64.6	0.7
G2-L2 S-4 (-)	0.7	0.072	0.15	1.45	78.5	0.50	6.67	69.9	<0.5
G2-L2 S-5 (-)	2.4	0.088	0.14	1.08	69.2	0.87	6.49	67.0	<0.5
G2-L2 S-6 (-)	5.4	0.092	0.14	1.15	63.1	0.68	7.60	71.2	0.6
G2-L2 S-7 (-)	2.2	0.086	0.15	1.25	63.3	0.76	5.38	69.2	<0.5
G2-L2 S-8 (-)	0.2	0.040	0.12	0.82	38.6	0.52	4.12	49.0	<0.5
G2-L2 S-9 (-)	0.1	0.016	0.13	1.12	44.3	0.49	3.10	55.2	<0.5
G2-L2 S-10 (-)	0.4	0.054	0.14	1.27	55.3	0.37	7.67	59.0	<0.5

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
G2-L2 S-11 (-)	0.2	0.017	0.21	2.37	69.9	0.75	6.97	62.7	<0.5
G2-L2 S-12 (-)	3.0	0.052	0.22	1.29	45.2	1.56	5.78	62.5	<0.5
G2-L2 S-13 (-)	2.2	0.090	0.18	1.10	65.3	0.92	4.88	64.6	<0.5
G2-L2 S-14 (-)	1.7	0.057	0.18	1.37	56.5	0.70	8.05	82.3	<0.5
G2-L2 S-15 (-)	0.4	0.039	0.19	1.68	53.2	1.10	7.27	72.9	<0.5
G2-L2 S-16 (-)	0.2	0.016	0.16	1.08	38.9	0.72	3.22	38.5	<0.5
G2-L2 S-17 (-)	4.4	0.079	0.19	1.20	64.5	0.86	8.32	84.2	<0.5
G2-L3 S-1 (-)	1.7	0.100	0.16	0.96	68.4	1.04	5.09	94.4	<0.5
G2-L3 S-2 (-)	3.0	0.098	0.14	0.92	76.5	0.74	5.93	99.1	<0.5
G2-L3 S-3 (-)	3.6	0.097	0.11	1.16	70.2	0.72	7.80	72.0	0.5
G2-L3 S-4 (-)	1.3	0.063	0.10	0.84	57.7	0.50	4.94	54.3	<0.5
G2-L3 S-5 (-)	3.3	0.092	0.13	1.46	81.7	0.67	8.40	81.6	<0.5
G2-L3 S-6 (-)	1.1	0.092	0.12	1.23	77.4	0.54	3.71	82.7	0.5
G2-L3 S-7 (-)	<0.1	0.048	0.03	0.33	63.9	<0.05	0.75	32.4	<0.5
G2-L3 S-8 (-)	2.1	0.077	0.13	0.79	62.5	1.31	3.85	60.3	<0.5
G2-L3 S-9 (-)	0.7	0.060	0.10	0.91	52.9	1.23	3.01	55.7	<0.5
G2-L3 S-10 (-)	3.1	0.267	0.26	1.10	168	0.26	7.43	64.8	0.8
G2-L3 S-11 (-)	<0.1	<0.005	0.10	2.40	38.5	0.62	4.87	26.0	<0.5
G2-L3 S-12 (-)	5.3	0.107	0.14	0.83	74.7	1.15	6.57	62.8	0.7
G2-L3 S-13 (-)	0.3	0.013	0.12	1.43	48.6	0.41	5.91	38.0	<0.5
G2-L3 S-14 (-)	0.3	0.034	0.21	1.09	56.9	1.20	4.11	63.2	<0.5
G2-L3 S-15 (-)	0.9	0.061	0.11	0.97	51.3	0.39	6.58	42.1	<0.5
G2-L3 S-16 (-)	1.9	0.045	0.16	1.63	53.4	0.48	9.83	73.6	<0.5
G2-L3 S-17 (-)	0.4	0.026	0.11	0.85	30.8	0.33	3.55	39.7	<0.5
G2-L4 S-1 (-)	0.6	0.060	0.16	1.11	84.9	0.53	5.56	81.7	<0.5
G2-L4 S-2 (-)	3.7	0.095	0.15	1.48	90.4	0.78	7.71	92.3	<0.5
G2-L4 S-3 (-)	3.9	0.101	0.13	1.01	89.3	0.58	6.07	96.3	0.5
G2-L4 S-4 (-)	2.6	0.080	0.14	1.32	80.6	0.85	6.57	81.8	<0.5
G2-L4 S-5 (-)	2.1	0.080	0.15	1.31	74.9	0.73	6.01	69.3	<0.5
G2-L4 S-6 (-)	3.2	0.081	0.15	1.44	79.5	0.86	7.46	72.7	<0.5
G2-L4 S-7 (-)	3.2	0.096	0.17	1.34	91.3	1.26	7.54	82.4	<0.5
G2-L4 S-8 (-)	3.0	0.086	0.17	1.32	86.9	0.78	7.32	77.0	<0.5

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
G2-L4 S-9 (-)	4.2	0.102	0.12	1.17	75.7	0.62	7.69	70.3	0.6
G2-L4 S-10 (-)	2.7	0.074	0.16	1.01	62.7	1.04	4.96	63.4	<0.5
G2-L4 S-11 (-)	0.3	0.041	0.17	1.47	68.1	0.37	5.12	54.1	<0.5
G2-L4 S-12 (-)	0.5	0.159	0.34	0.87	246	0.11	7.64	53.8	<0.5
G2-L4 S-13 (-)	0.2	0.039	0.29	1.86	129	0.21	9.08	54.0	<0.5
G2-L4 S-14 (-)	0.7	0.071	0.18	1.10	76.3	0.42	6.56	45.2	<0.5
G2-L4 S-15 (-)	<0.1	0.022	0.03	0.39	13.2	<0.05	0.80	6.7	<0.5
G2-L4 S-16 (-)	4.8	0.126	0.12	0.94	85.8	0.41	8.73	53.4	0.7
G2-L4 S-17 (-)	1.5	0.069	0.17	1.90	67.7	0.49	16.6	83.6	<0.5
G2-L5 S-1 (-)	4.5	0.104	0.14	1.15	83.0	0.67	6.54	57.3	0.5
G2-L5 S-2 (-)	5.4	0.105	0.09	1.32	80.2	0.69	7.37	63.6	0.8
G2-L5 S-3 (-)	0.7	0.069	0.11	0.97	85.1	0.73	3.75	51.8	<0.5
G2-L5 S-4 (-)	1.9	0.062	0.18	1.67	95.1	0.68	6.16	79.0	<0.5
G2-L5 S-5 (-)	0.8	0.048	0.11	1.15	68.7	0.74	7.04	78.9	<0.5
G2-L5 S-6 (-)	2.8	0.073	0.14	1.10	69.7	0.69	7.58	71.0	0.6
G2-L5 S-7 (-)	0.2	0.031	0.10	1.13	53.9	0.34	4.31	38.9	<0.5
G2-L5 S-8 (-)	3.0	0.066	0.12	0.58	50.9	0.97	2.84	41.9	<0.5
G2-L5 S-9 (-)	6.4	0.103	0.11	1.59	84.2	0.71	10.3	71.8	0.9
G2-L5 S-10 (-)	1.4	0.077	0.14	1.44	85.5	0.65	7.30	88.5	<0.5
G2-L5 S-11 (-)	0.2	0.036	0.10	1.34	56.9	0.40	6.14	74.4	<0.5
G2-L5 S-12 (-)	5.2	0.146	0.19	1.04	102	0.54	7.18	58.7	1.6
G2-L5 S-13 (-)	0.1	0.009	0.04	0.66	17.4	0.07	1.49	14.2	<0.5
G2-L5 S-14 (-)	0.1	0.022	0.10	0.75	30.3	0.80	2.03	32.6	<0.5
G2-L5 S-15 (-)	<0.1	<0.005	0.08	1.56	19.9	0.22	4.30	17.0	<0.5
G2-L5 S-16 (-)	0.9	0.153	0.30	1.30	327	0.09	8.61	38.9	<0.5
G2-L5 S-17 (-)	1.4	0.214	0.36	1.03	160	0.21	6.20	47.5	<0.5

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
G1-L2 S-1 (-)	0.39	0.007
G1-L2 S-2 (-)	0.33	0.003
G1-L2 S-3 (-)	0.32	0.004
G1-L2 S-4 (-)	0.33	<0.001
G1-L2 S-5 (-)	0.18	0.005
G1-L2 S-6 (-)	0.24	0.010
G1-L2 S-7 (-)	0.25	0.007
G1-L2 S-8 (-)	0.21	0.008
G1-L2 S-9 (-)	0.31	0.003
G1-L2 S-10 (-)	0.33	0.005
G1-L2 S-11 (-)	0.37	0.007
G1-L2 S-12 (-)	0.46	0.004
G1-L2 S-13 (-)	0.29	<0.001
G1-L2 S-14 (-)	0.55	0.005
G1-L2 S-15 (-)	0.40	0.009
G1-L2 S-16 (-)	0.40	0.004
G1-L2 S-17 (-)	0.27	0.010
G1-L3 S-1 (-)	0.22	0.005
G1-L3 S-2 (-)	0.23	0.007
G1-L3 S-3 (-)	0.30	0.015
G1-L3 S-4 (-)	0.36	0.006
G1-L3 S-5 (-)	0.38	0.003
G1-L3 S-6 (-)	0.39	0.005
G1-L3 S-7 (-)	0.33	0.003
G1-L3 S-8 (-)	0.51	0.005
G1-L3 S-9 new sample (-)	0.65	0.004
G1-L3 S-9 (-)	0.35	<0.001
G1-L3 S-10 (-)	0.38	0.005
G1-L3 S-11 (-)	0.65	0.008
G1-L3 S-12 (-)	0.34	0.002
G1-L3 S-13 (-)	0.31	0.005
G1-L3 S-14 (-)	0.31	0.002

Certified By: Ron Cardinall

Results relate only to the items tested

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
G1-L3 S-15 (-)	0.45	0.003
G1-L3 S-16 (-)	0.43	0.011
G1-L3 S-17 (-)	0.29	0.003
G1-L4 S-1 (-)	0.49	0.003
G1-L4 S-2 (-)	0.22	0.005
G1-L4 S-3 (-)	0.46	0.004
G1-L4 S-4 (-)	0.45	0.005
G1-L4 S-5 (-)	0.36	0.002
G1-L4 S-6 (-)	0.31	0.004
G1-L4 S-7 (-)	0.35	0.004
G1-L4 S-8 (-)	0.28	0.002
G1-L4 S-9 (-)	0.38	0.002
G1-L4 S-10 (-)	0.25	<0.001
G1-L4 S-11 (-)	0.39	0.002
G1-L4 S-12 (-)	0.38	0.003
G1-L4 S-13 (-)	0.42	0.002
G1-L4 S-14 (-)	0.34	0.002
G1-L4 S-15 (-)	0.31	0.011
G1-L4 S-16 (-)	0.33	0.002
G1-L4 S-17 (-)	0.39	0.004
G1-L5 S-1 (-)	0.40	0.003
G1-L5 S-2 (-)	0.47	0.004
G1-L5 S-3 (-)	0.41	0.006
G1-L5 S-4 (-)	0.55	0.004
G1-L5 S-5 (-)	0.46	0.002
G1-L5 S-6 (-)	0.44	0.001
G1-L5 S-7 (-)	0.36	0.003
G1-L5 S-8 (-)	0.38	0.002
G1-L5 S-9 (-)	0.30	<0.001
G1-L5 S-10 (-)	0.32	0.003
G1-L5 S-11 (-)	0.37	0.002
G1-L5 S-12 (-)	0.46	0.002

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AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
G1-L5 S-13 (-)	0.36	0.002
G1-L5 S-14 (-)	0.30	0.003
G1-L5 S-15 (-)	0.30	<0.001
G1-L5 S-16 (-)	0.29	0.008
G1-L5 S-17 (-)	0.35	0.010
G2-L1 S-1 (-)	0.37	0.003
G2-L1 S-2 (-)	0.32	0.005
G2-L1 S-3 (-)	0.27	0.005
G2-L1 S-4 (-)	0.16	0.007
G2-L1 S-5 (-)	0.35	0.004
G2-L1 S-6 (-)	0.28	0.005
G1-L2 S-7 (-)	0.33	0.004
G2-L1 S-8 (-)	0.33	0.011
G2-L1 S-9 (-)	0.16	0.003
G2-L1 S-10 (-)	0.30	<0.001
G2-L1 S-11 (-)	0.26	0.002
G2-L1 S-12 (-)	0.22	0.002
G2-L1 S-13 (-)	0.38	0.003
G2-L1 S-14 (-)	0.51	0.003
G2-L1 S-15 (-)	0.31	0.003
G2-L1 S-16 (-)	0.34	0.004
G2-L1 S-17 (-)	0.39	0.004
G2-L2 S-1 (-)	0.36	0.005
G2-L2 S-2 (-)	0.33	0.004
G2-L2 S-3 (-)	0.39	0.006
G2-L2 S-4 (-)	0.33	0.004
G2-L2 S-5 (-)	0.35	0.002
G2-L2 S-6 (-)	0.44	0.022
G2-L2 S-7 (-)	0.34	0.003
G2-L2 S-8 (-)	0.44	0.002
G2-L2 S-9 (-)	0.34	0.003
G2-L2 S-10 (-)	0.25	0.007

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AGAT WORK ORDER: 11Y523648
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
G2-L2 S-11 (-)	0.31	0.001
G2-L2 S-12 (-)	0.33	0.012
G2-L2 S-13 (-)	0.44	0.003
G2-L2 S-14 (-)	0.36	0.003
G2-L2 S-15 (-)	0.46	0.003
G2-L2 S-16 (-)	0.46	0.007
G2-L2 S-17 (-)	0.46	0.004
G2-L3 S-1 (-)	0.37	0.003
G2-L3 S-2 (-)	0.23	0.014
G2-L3 S-3 (-)	0.32	0.003
G2-L3 S-4 (-)	0.32	0.002
G2-L3 S-5 (-)	0.33	0.007
G2-L3 S-6 (-)	0.30	0.008
G2-L3 S-7 (-)	0.18	0.006
G2-L3 S-8 (-)	0.23	0.007
G2-L3 S-9 (-)	0.24	0.004
G2-L3 S-10 (-)	0.40	0.005
G2-L3 S-11 (-)	0.26	0.004
G2-L3 S-12 (-)	0.35	0.008
G2-L3 S-13 (-)	0.28	0.003
G2-L3 S-14 (-)	0.39	0.004
G2-L3 S-15 (-)	0.56	0.003
G2-L3 S-16 (-)	0.46	0.003
G2-L3 S-17 (-)	0.32	0.004
G2-L4 S-1 (-)	0.30	0.006
G2-L4 S-2 (-)	0.35	0.003
G2-L4 S-3 (-)	0.31	0.006
G2-L4 S-4 (-)	0.19	0.005
G2-L4 S-5 (-)	0.32	0.007
G2-L4 S-6 (-)	0.36	0.005
G2-L4 S-7 (-)	0.31	0.005
G2-L4 S-8 (-)	0.34	0.006

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523648

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)

DATE SAMPLED: Aug 29, 2011 | DATE RECEIVED: Aug 29, 2011 | DATE REPORTED: Sep 15, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
G2-L4 S-9 (-)	0.34	<0.001
G2-L4 S-10 (-)	0.33	<0.001
G2-L4 S-11 (-)	0.27	0.003
G2-L4 S-12 (-)	0.52	0.009
G2-L4 S-13 (-)	0.42	0.004
G2-L4 S-14 (-)	0.40	0.003
G2-L4 S-15 (-)	0.29	<0.001
G2-L4 S-16 (-)	0.34	0.008
G2-L4 S-17 (-)	0.24	0.004
G2-L5 S-1 (-)	0.33	0.007
G2-L5 S-2 (-)	0.32	0.005
G2-L5 S-3 (-)	0.40	<0.001
G2-L5 S-4 (-)	0.25	0.011
G2-L5 S-5 (-)	0.28	0.005
G2-L5 S-6 (-)	0.42	0.002
G2-L5 S-7 (-)	0.32	0.004
G2-L5 S-8 (-)	0.31	0.191
G2-L5 S-9 (-)	0.30	0.004
G2-L5 S-10 (-)	0.20	0.005
G2-L5 S-11 (-)	0.30	0.004
G2-L5 S-12 (-)	0.40	0.003
G2-L5 S-13 (-)	0.23	0.006
G2-L5 S-14 (-)	0.26	0.017
G2-L5 S-15 (-)	0.21	<0.001
G2-L5 S-16 (-)	0.35	0.002
G2-L5 S-17 (-)	0.42	0.002

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis

RPT Date: Sep 15, 2011

PARAMETER	Batch	Sample Id	REPLICATE Original	REPLICATE Rep #1	REPLICATE RPD	Method Blank	REFERENCE MATERIAL Result Value	REFERENCE MATERIAL Expect Value	REFERENCE MATERIAL Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659443	0.0075	0.0091	19.3%	< 0.001	0.199	0.203	98%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659469	< 0.001	0.030		< 0.001	0.917	0.922	99%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659470	0.0045	0.0044	2.2%	< 0.001	5.773	5.865	98%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659494	0.004	0.004	0.0%	< 0.001	0.427	0.417	102%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659519	0.011	0.002		< 0.001	0.204	0.203	101%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659538	0.007	0.009	25.0%	< 0.001	0.897	0.922	97%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659544	0.007	0.016		< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659554	0.004	0.007		< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659567	0.007	0.004		< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659569	0.0051	0.0068	28.6%	< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659587	0.191	0.008		< 0.001				80%	120%
Fire Assay - Trace Au, ICP-OES finish (202552) (50g charge)											
Au	1	2659594	< 0.001	0.003		< 0.001				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659443	0.11	0.11	0.0%	< 0.01	33	35	94%	80%	120%
Al	1	2659469	1.53	1.52	0.7%	< 0.01				80%	120%
As	1	2659443	8.50	7.02	19.1%	< 0.1				80%	120%
Au	1	2659443	< 0.01	< 0.01	0.0%	< 0.01	0.199	0.203	98%	80%	120%
B	1	2659443	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2659469	231	227	1.7%	< 1				80%	120%
Be	1	2659443	0.91	0.91	0.0%	< 0.05				80%	120%
Bi	1	2659443	0.63	0.63	0.0%	< 0.01				80%	120%
Ca	1	2659469	0.369	0.365	1.1%	< 0.01				80%	120%
Cd	1	2659443	0.208	0.182	13.3%	< 0.01				80%	120%
Ce	1	2659443	55.3	55.3	0.0%	< 0.01				80%	120%
Co	1	2659443	13.0	13.1	0.8%	< 0.1				80%	120%
Cr	1	2659469	43.3	41.7	3.8%	< 0.5				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Cs	1	2659443	3.29	3.29	0.0%	< 0.05				80%	120%
Cu	1	2659469	49.9	48.3	3.3%	< 0.1	5082	5000	102%	80%	120%
Fe	1	2659469	3.01	2.98	1.0%	< 0.01				80%	120%
Ga	1	2659443	6.07	6.01	1.0%	< 0.05				80%	120%
Ge	1	2659443	0.06	0.06	0.0%	< 0.05				80%	120%
Hf	1	2659443	0.06	0.06	0.0%	< 0.02				80%	120%
Hg	1	2659443	0.023	0.031	29.6%	< 0.01				80%	120%
In	1	2659443	0.029	0.030	3.4%	< 0.005				80%	120%
K	1	2659469	0.10	0.10	0.0%	< 0.01				80%	120%
La	1	2659443	27.3	27.2	0.4%	< 0.1				80%	120%
Li	1	2659443	25.5	26.1	2.3%	< 0.1				80%	120%
Mg	1	2659469	0.685	0.678	1.0%	< 0.01				80%	120%
Mn	1	2659469	528	533	0.9%	< 1				80%	120%
Mo	1	2659443	0.663	0.678	2.2%	< 0.05				80%	120%
Na	1	2659469	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Nb	1	2659443	1.30	1.46	11.6%	< 0.05				80%	120%
Ni	1	2659443	30.4	29.9	1.7%	< 0.2				80%	120%
P	1	2659469	783	779	0.5%	< 10				80%	120%
Pb	1	2659443	12.7	12.7	0.0%	< 0.1				80%	120%
Rb	1	2659443	10.4	10.4	0.0%	< 0.1				80%	120%
Re	1	2659443	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659469	0.0127	0.0124	2.4%	< 0.005				80%	120%
Sb	1	2659443	0.24	0.24	0.0%	< 0.05				80%	120%
Sc	1	2659443	4.30	4.47	3.9%	< 0.1				80%	120%
Se	1	2659443	0.34	0.41	18.7%	< 0.2				80%	120%
Sn	1	2659443	1.30	1.38	6.0%	< 0.2				80%	120%
Sr	1	2659469	27.1	27.8	2.6%	< 0.2				80%	120%
Ta	1	2659443	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659443	0.07	0.05		< 0.01				80%	120%
Th	1	2659443	7.9	8.0	1.3%	< 0.1				80%	120%
Ti	1	2659469	0.0395	0.0402	1.8%	< 0.005				80%	120%
Tl	1	2659443	0.134	0.140	4.4%	< 0.02				80%	120%
U	1	2659443	2.27	2.28	0.4%	< 0.05				80%	120%
V	1	2659443	47.7	48.1	0.8%	< 0.5				80%	120%
W	1	2659443	1.10	1.11	0.9%	< 0.05				80%	120%
Y	1	2659443	12.7	12.8	0.8%	< 0.05		7		80%	120%
Zn	1	2659469	103	101	2.0%	< 0.5				80%	120%
Zr	1	2659443	1.8	1.8	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659469	0.134	0.142	5.8%	< 0.01	7	7	101%	80%	120%
Al	1	2659484	1.32	1.33	0.8%	< 0.01	0.314	0.359	87%	80%	120%
As	1	2659469	16.1	15.2	5.8%	< 0.1				80%	120%
Au	1	2659469	< 0.01	< 0.01	0.0%	< 0.01	0.917	0.922	99%	80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
B	1	2659469	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2659484	61	59	3.3%	< 1				80%	120%
Be	1	2659469	0.779	0.836	7.1%	< 0.05				80%	120%
Bi	1	2659469	0.61	0.59	3.3%	< 0.01				80%	120%
Ca	1	2659484	0.122	0.115	5.9%	< 0.01	0.513	0.635	81%	80%	120%
Cd	1	2659469	0.18	0.18	0.0%	< 0.01				80%	120%
Ce	1	2659469	56.5	57.4	1.6%	< 0.01				80%	120%
Co	1	2659469	11.5	11.5	0.0%	< 0.1	5.4	5.0	108%	80%	120%
Cr	1	2659484	33.0	33.6	1.8%	< 0.5				80%	120%
Cs	1	2659469	2.36	2.31	2.1%	< 0.05				80%	120%
Cu	1	2659484	32.9	34.2	3.9%	< 0.1	4627	4700	98%	80%	120%
Fe	1	2659484	3.79	3.78	0.3%	0.02	1.13	1.31	87%	80%	120%
Ga	1	2659469	5.24	5.21	0.6%	< 0.05				80%	120%
Ge	1	2659469	0.06	< 0.05		< 0.05				80%	120%
Hf	1	2659469	0.06	0.06	0.0%	< 0.02				80%	120%
Hg	1	2659469	0.06	0.05	18.2%	< 0.01				80%	120%
In	1	2659469	0.0253	0.0265	4.6%	< 0.005				80%	120%
K	1	2659484	0.08	0.08	0.0%	< 0.01	0.15	0.18	86%	80%	120%
La	1	2659469	29.4	30.3	3.0%	< 0.1				80%	120%
Li	1	2659469	23.9	23.3	2.5%	< 0.1				80%	120%
Mg	1	2659484	0.52	0.51	1.9%	< 0.01	0.089	0.098	90%	80%	120%
Mn	1	2659484	332	336	1.2%	< 1				80%	120%
Mo	1	2659469	1.19	1.13	5.2%	< 0.05	291	280	104%	80%	120%
Na	1	2659484	< 0.01	< 0.01	0.0%	< 0.01	0.027	0.038	70%	80%	120%
Nb	1	2659469	1.15	1.17	1.7%	< 0.05				80%	120%
Ni	1	2659469	35.2	34.4	2.3%	< 0.2	7	7	96%	80%	120%
P	1	2659484	905	895	1.1%	< 10				80%	120%
Pb	1	2659469	14.3	13.8	3.6%	0.1	27	30	91%	80%	120%
Rb	1	2659469	16.7	16.7	0.0%	< 0.1				80%	120%
Re	1	2659469	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659484	0.0219	0.0201	8.6%	< 0.005	0.572	0.621	92%	80%	120%
Sb	1	2659469	0.90	0.90	0.0%	< 0.05				80%	120%
Sc	1	2659469	4.65	4.59	1.3%	< 0.1				80%	120%
Se	1	2659469	0.8	0.4		< 0.2				80%	120%
Sn	1	2659469	3.3	2.6	23.7%	< 0.2				80%	120%
Sr	1	2659484	9.6	8.7	9.8%	1.1				80%	120%
Ta	1	2659469	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659469	0.055	0.056	1.8%	< 0.01				80%	120%
Th	1	2659469	9.1	9.2	1.1%	< 0.1				80%	120%
Ti	1	2659484	0.0458	0.0439	4.2%	< 0.005	0.011	0.011	99%	80%	120%
Tl	1	2659469	0.175	0.165	5.9%	< 0.02				80%	120%
U	1	2659469	1.49	1.44	3.4%	< 0.05				80%	120%
V	1	2659469	46.6	46.5	0.2%	< 0.5				80%	120%
W	1	2659469	1.08	0.88	20.4%	< 0.05				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Y	1	2659469	12.3	12.3	0.0%	< 0.05		7		80%	120%
Zn	1	2659484	74.2	75.9	2.3%	< 0.5				80%	120%
Zr	1	2659469	2.9	2.9	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659484	0.07	0.07	0.0%	< 0.01	32	35	92%	80%	120%
Al	1	2659494	1.58	1.63	3.1%	< 0.01				80%	120%
As	1	2659484	25.9	26.0	0.4%	< 0.1				80%	120%
Au	1	2659484	< 0.01	< 0.01	0.0%	< 0.01	5.773	5.865	98%	80%	120%
B	1	2659484	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2659494	156	159	1.9%	< 1				80%	120%
Be	1	2659484	0.44	0.46	4.4%	< 0.05				80%	120%
Bi	1	2659484	0.617	0.609	1.3%	< 0.01				80%	120%
Ca	1	2659494	0.43	0.44	2.3%	< 0.01				80%	120%
Cd	1	2659484	0.165	0.166	0.6%	< 0.01				80%	120%
Ce	1	2659484	33.9	35.1	3.5%	0.02				80%	120%
Co	1	2659484	10.3	10.6	2.9%	< 0.1				80%	120%
Cr	1	2659494	37.7	37.2	1.3%	< 0.5				80%	120%
Cs	1	2659484	2.79	2.87	2.8%	< 0.05				80%	120%
Cu	1	2659494	13.7	14.1	2.9%	< 0.1	4255	4700	91%	80%	120%
Fe	1	2659494	2.49	2.55	2.4%	< 0.01				80%	120%
Ga	1	2659484	7.02	7.01	0.1%	< 0.05				80%	120%
Ge	1	2659484	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2659484	< 0.02	< 0.02	0.0%	< 0.02				80%	120%
Hg	1	2659484	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
In	1	2659484	0.025	0.025	0.0%	< 0.005				80%	120%
K	1	2659494	0.05	0.05	0.0%	< 0.01				80%	120%
La	1	2659484	16.2	16.7	3.0%	< 0.1				80%	120%
Li	1	2659484	16.1	16.8	4.3%	< 0.1				80%	120%
Mg	1	2659494	0.64	0.65	1.6%	< 0.01				80%	120%
Mn	1	2659494	318	314	1.3%	< 1				80%	120%
Mo	1	2659484	1.99	2.13	6.8%	< 0.05				80%	120%
Na	1	2659494	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Nb	1	2659484	0.873	0.889	1.8%	< 0.05				80%	120%
Ni	1	2659484	23.1	23.3	0.9%	< 0.2				80%	120%
P	1	2659494	1230	1180	4.1%	< 10				80%	120%
Pb	1	2659484	13.0	13.2	1.5%	< 0.1				80%	120%
Rb	1	2659484	17.8	18.4	3.3%	< 0.1				80%	120%
Re	1	2659484	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659494	0.0614	0.0639	4.0%	< 0.005				80%	120%
Sb	1	2659484	0.569	0.586	2.9%	< 0.05				80%	120%
Sc	1	2659484	2.0	2.0	0.0%	< 0.1				80%	120%
Se	1	2659484	0.2	0.5		< 0.2				80%	120%
Sn	1	2659484	3.1	2.9	6.7%	< 0.2				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Sr	1	2659494	35.6	35.9	0.8%	< 0.2	317	390	81%	80%	120%
Ta	1	2659484	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659484	0.073	0.063	14.7%	0.01				80%	120%
Th	1	2659484	1.43	1.45	1.4%	< 0.1				80%	120%
Ti	1	2659494	0.0215	0.0235	8.9%	< 0.005				80%	120%
Tl	1	2659484	0.115	0.117	1.7%	< 0.02				80%	120%
U	1	2659484	0.875	0.918	4.8%	< 0.05				80%	120%
V	1	2659484	55.6	57.2	2.8%	< 0.5				80%	120%
W	1	2659484	1.05	1.18	11.7%	< 0.05				80%	120%
Y	1	2659484	4.57	4.80	4.9%	< 0.05		7		80%	120%
Zn	1	2659494	67.4	66.7	1.0%	< 0.5				80%	120%
Zr	1	2659484	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659494	0.25	0.25	0.0%	< 0.01	7	7	101%	80%	120%
Al	1	2659519	0.821	0.866	5.3%	< 0.01				80%	120%
As	1	2659494	14.8	14.9	0.7%	< 0.1				80%	120%
Au	1	2659494	< 0.01	< 0.01	0.0%	< 0.01	0.427	0.417	102%	80%	120%
B	1	2659494	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2659519	128	134	4.6%	< 1				80%	120%
Be	1	2659494	0.755	0.776	2.7%	< 0.05				80%	120%
Bi	1	2659494	0.53	0.55	3.7%	< 0.01				80%	120%
Ca	1	2659519	0.18	0.16	11.8%	< 0.01				80%	120%
Cd	1	2659494	0.197	0.192	2.6%	< 0.01				80%	120%
Ce	1	2659494	41.7	43.5	4.2%	0.01				80%	120%
Co	1	2659494	9.0	9.0	0.0%	< 0.1	5.3	5.0	106%	80%	120%
Cr	1	2659519	23.0	25.9	11.9%	< 0.5				80%	120%
Cs	1	2659494	2.47	2.54	2.8%	< 0.05				80%	120%
Cu	1	2659519	50.8	44.1	14.1%	< 0.1	5252	5000	105%	80%	120%
Fe	1	2659519	1.19	1.22	2.5%	< 0.01				80%	120%
Ga	1	2659494	5.56	5.36	3.7%	< 0.05				80%	120%
Ge	1	2659494	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2659494	0.045	0.050	10.5%	< 0.02				80%	120%
Hg	1	2659494	0.01	0.01	0.0%	< 0.01	1.6	1.3	126%	80%	120%
In	1	2659494	0.0260	0.0244	6.3%	< 0.005				80%	120%
K	1	2659519	0.05	0.05	0.0%	< 0.01				80%	120%
La	1	2659494	20.3	20.7	2.0%	< 0.1				80%	120%
Li	1	2659494	28.5	28.5	0.0%	< 0.1				80%	120%
Mg	1	2659519	0.23	0.24	4.3%	< 0.01				80%	120%
Mn	1	2659519	172	190	9.9%	< 1				80%	120%
Mo	1	2659494	0.605	0.632	4.4%	< 0.05	285	280	102%	80%	120%
Na	1	2659519	0.023	0.026	12.2%	< 0.01				80%	120%
Nb	1	2659494	0.94	0.94	0.0%	< 0.05				80%	120%
Ni	1	2659494	22.3	22.3	0.0%	< 0.2	6	7	92%	80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
P	1	2659519	751	832	10.2%	< 10				80%	120%
Pb	1	2659494	10.5	10.6	0.9%	< 0.1	27	30	90%	80%	120%
Rb	1	2659494	12.9	13.0	0.8%	< 0.1				80%	120%
Re	1	2659494	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659519	0.041	0.035	15.8%	< 0.005				80%	120%
Sb	1	2659494	0.28	0.29	3.5%	< 0.05				80%	120%
Sc	1	2659494	2.7	2.7	0.0%	< 0.1				80%	120%
Se	1	2659494	0.3	0.3	0.0%	< 0.2				80%	120%
Sn	1	2659494	1.1	1.1	0.0%	< 0.2				80%	120%
Sr	1	2659519	20.5	16.4	22.2%	< 0.2				80%	120%
Ta	1	2659494	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659494	0.03	0.03	0.0%	< 0.01				80%	120%
Th	1	2659494	2.9	3.0	3.4%	< 0.1				80%	120%
Ti	1	2659519	0.031	0.033	6.3%	< 0.005				80%	120%
Tl	1	2659494	0.132	0.140	5.9%	< 0.02				80%	120%
U	1	2659494	3.40	3.47	2.0%	< 0.05				80%	120%
V	1	2659494	40.1	38.9	3.0%	< 0.5				80%	120%
W	1	2659494	1.10	1.13	2.7%	< 0.05				80%	120%
Y	1	2659494	8.85	8.74	1.3%	< 0.05		7		80%	120%
Zn	1	2659519	47.1	42.1	11.2%	< 0.5				80%	120%
Zr	1	2659494	1.1	1.1	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659519	0.24	0.24	0.0%	< 0.01	32	35	92%	80%	120%
Al	1	2659544	1.03	1.01	2.0%	< 0.01	0.369	0.359	103%	80%	120%
As	1	2659519	5.72	5.91	3.3%	< 0.1				80%	120%
Au	1	2659519	< 0.01	< 0.01	0.0%	< 0.01	0.204	0.203	101%	80%	120%
B	1	2659519	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2659544	185	183	1.1%	< 1				80%	120%
Be	1	2659519	0.36	0.39	8.0%	< 0.05				80%	120%
Bi	1	2659519	0.14	0.14	0.0%	< 0.01				80%	120%
Ca	1	2659544	0.19	0.19	0.0%	< 0.01	0.599	0.635	94%	80%	120%
Cd	1	2659519	0.09	0.08	11.8%	< 0.01				80%	120%
Ce	1	2659519	15.2	15.3	0.7%	< 0.01				80%	120%
Co	1	2659519	3.77	3.86	2.4%	< 0.1				80%	120%
Cr	1	2659544	23.0	23.9	3.8%	< 0.5				80%	120%
Cs	1	2659519	0.93	0.98	5.2%	< 0.05				80%	120%
Cu	1	2659544	17.6	18.5	5.0%	< 0.1	4982	4700	106%	80%	120%
Fe	1	2659544	1.44	1.42	1.4%	< 0.01	1.33	1.31	101%	80%	120%
Ga	1	2659519	2.94	3.17	7.5%	< 0.05				80%	120%
Ge	1	2659519	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2659519	0.03	< 0.02		< 0.02				80%	120%
Hg	1	2659519	0.037	0.028	27.7%	< 0.01				80%	120%
In	1	2659519	0.0125	0.0148	16.8%	< 0.005				80%	120%
K	1	2659544	0.07	0.07	0.0%	< 0.01	0.19	0.18	103%	80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
La	1	2659519	9.0	9.0	0.0%	< 0.1				80%	120%
Li	1	2659519	5.54	5.83	5.1%	< 0.1				80%	120%
Mg	1	2659544	0.34	0.34	0.0%	< 0.01	0.101	0.098	103%	80%	120%
Mn	1	2659544	176	181	2.8%	< 1				80%	120%
Mo	1	2659519	0.63	0.56	11.8%	< 0.05				80%	120%
Na	1	2659544	0.01	0.01	0.0%	< 0.01	0.032	0.038	83%	80%	120%
Nb	1	2659519	0.24	0.24	0.0%	< 0.05				80%	120%
Ni	1	2659519	9.6	9.9	3.1%	< 0.2	7	7	104%	80%	120%
P	1	2659544	509	504	1.0%	< 10				80%	120%
Pb	1	2659519	6.82	7.09	3.9%	< 0.1				80%	120%
Rb	1	2659519	6.81	7.48	9.4%	< 0.1				80%	120%
Re	1	2659519	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659544	0.030	0.030	0.0%	< 0.005	0.65	0.621	105%	80%	120%
Sb	1	2659519	0.214	0.230	7.2%	< 0.05				80%	120%
Sc	1	2659519	1.62	1.70	4.8%	< 0.1				80%	120%
Se	1	2659519	< 0.2	< 0.2	0.0%	< 0.2				80%	120%
Sn	1	2659519	0.6	0.9		< 0.2				80%	120%
Sr	1	2659544	15.3	15.9	3.8%	< 0.2				80%	120%
Ta	1	2659519	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659519	0.03	0.03	0.0%	< 0.01				80%	120%
Th	1	2659519	0.2	0.2	0.0%	< 0.1				80%	120%
Ti	1	2659544	0.016	0.016	0.0%	< 0.005	0.013	0.011	115%	80%	120%
Tl	1	2659519	0.08	0.08	0.0%	< 0.02				80%	120%
U	1	2659519	1.04	1.05	1.0%	< 0.05				80%	120%
V	1	2659519	38.4	39.6	3.1%	< 0.5				80%	120%
W	1	2659519	0.290	0.241	18.5%	< 0.05				80%	120%
Y	1	2659519	3.21	3.33	3.7%	< 0.05		7		80%	120%
Zn	1	2659544	38.5	39.3	2.1%	< 0.5				80%	120%
Zr	1	2659519	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659544	0.23	0.27	16.0%	< 0.01	7	7	103%	80%	120%
Al	1	2659569	1.92	1.89	1.6%	< 0.01	0.42	0.359	117%	80%	120%
As	1	2659544	13.8	14.3	3.6%	< 0.1				80%	120%
Au	1	2659544	< 0.01	< 0.01	0.0%	< 0.01	0.897	0.922	97%	80%	120%
B	1	2659544	< 5	< 5	0.0%	< 5				80%	120%
Ba	1	2659569	324	322	0.6%	< 1				80%	120%
Be	1	2659544	0.27	0.25	7.7%	< 0.05				80%	120%
Bi	1	2659544	0.489	0.474	3.1%	< 0.01				80%	120%
Ca	1	2659569	0.418	0.409	2.2%	< 0.01				80%	120%
Cd	1	2659544	0.165	0.162	1.8%	< 0.01				80%	120%
Ce	1	2659544	24.8	24.9	0.4%	< 0.01				80%	120%
Co	1	2659544	4.03	4.12	2.2%	< 0.1	5.7	5.0	115%	80%	120%
Cr	1	2659569	46.0	44.9	2.4%	< 0.5				80%	120%
Cs	1	2659544	2.31	2.28	1.3%	< 0.05				80%	120%

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CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Cu	1	2659569	57.9	55.5	4.2%	< 0.1	3775	4700	80%	80%	120%
Fe	1	2659569	3.22	3.16	1.9%	< 0.01	1.61	1.31	123%	80%	120%
Ga	1	2659544	4.98	5.10	2.4%	< 0.05				80%	120%
Ge	1	2659544	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2659544	< 0.02	< 0.02	0.0%	< 0.02				80%	120%
Hg	1	2659544	0.01	0.02		< 0.01				80%	120%
In	1	2659544	0.0108	0.0145	29.2%	< 0.005				80%	120%
K	1	2659569	0.11	0.11	0.0%	< 0.01				80%	120%
La	1	2659544	12.8	12.9	0.8%	< 0.1				80%	120%
Li	1	2659544	7.67	7.75	1.0%	< 0.1				80%	120%
Mg	1	2659569	0.72	0.72	0.0%	< 0.01				80%	120%
Mn	1	2659569	468	451	3.7%	< 1				80%	120%
Mo	1	2659544	0.730	0.724	0.8%	< 0.05	293	280	105%	80%	120%
Na	1	2659569	0.02	0.02	0.0%	< 0.01				80%	120%
Nb	1	2659544	0.33	0.28	16.4%	< 0.05				80%	120%
Ni	1	2659544	10.8	11.0	1.8%	< 0.2	7	7	100%	80%	120%
P	1	2659569	1130	1130	0.0%	< 10				80%	120%
Pb	1	2659544	11.9	12.2	2.5%	< 0.1	28	30	92%	80%	120%
Rb	1	2659544	16.8	17.1	1.8%	< 0.1				80%	120%
Re	1	2659544	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659569	0.0216	0.0214	0.9%	< 0.005				80%	120%
Sb	1	2659544	0.211	0.218	3.3%	< 0.05				80%	120%
Sc	1	2659544	0.5	0.5	0.0%	< 0.1				80%	120%
Se	1	2659544	0.27	0.24	11.8%	< 0.2				80%	120%
Sn	1	2659544	1.9	2.8		< 0.2				80%	120%
Sr	1	2659569	50.1	50.4	0.6%	< 0.2				80%	120%
Ta	1	2659544	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659544	0.04	0.04	0.0%	< 0.01				80%	120%
Th	1	2659544	0.2	0.2	0.0%	< 0.1				80%	120%
Ti	1	2659569	0.096	0.093	3.2%	< 0.005				80%	120%
Tl	1	2659544	0.16	0.16	0.0%	< 0.02				80%	120%
U	1	2659544	1.08	1.07	0.9%	< 0.05				80%	120%
V	1	2659544	38.9	38.9	0.0%	< 0.5				80%	120%
W	1	2659544	0.717	0.690	3.8%	< 0.05				80%	120%
Y	1	2659544	3.22	3.16	1.9%	< 0.05		7		80%	120%
Zn	1	2659569	82.4	80.6	2.2%	< 0.5				80%	120%
Zr	1	2659544	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659569	0.134	0.153	13.2%	< 0.01	34	35	97%	80%	120%
Al	1	2659594	0.72	0.72	0.0%	< 0.01				80%	120%
As	1	2659569	17.5	18.2	3.9%	< 0.1				80%	120%
Au	1	2659569	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	2659569	< 5	< 5	0.0%	< 5				80%	120%

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CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
Ba	1	2659594	153	152	0.7%	< 1				80%	120%
Be	1	2659569	0.733	0.724	1.2%	< 0.05				80%	120%
Bi	1	2659569	0.341	0.349	2.3%	< 0.01				80%	120%
Ca	1	2659594	0.07	0.07	0.0%	< 0.01				80%	120%
Cd	1	2659569	0.20	0.26	26.1%	< 0.01				80%	120%
Ce	1	2659569	47.1	47.8	1.5%	< 0.01				80%	120%
Co	1	2659569	11.7	12.1	3.4%	< 0.1				80%	120%
Cr	1	2659594	9.33	9.45	1.3%	< 0.5				80%	120%
Cs	1	2659569	1.75	1.84	5.0%	< 0.05				80%	120%
Cu	1	2659594	73.2	74.0	1.1%	< 0.1	5462	5000	109%	80%	120%
Fe	1	2659594	0.79	0.78	1.3%	< 0.01				80%	120%
Ga	1	2659569	6.43	6.42	0.2%	< 0.05				80%	120%
Ge	1	2659569	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2659569	< 0.02	< 0.02	0.0%	< 0.02				80%	120%
Hg	1	2659569	0.027	0.023	16.0%	< 0.01				80%	120%
In	1	2659569	0.0297	0.0293	1.4%	< 0.005				80%	120%
K	1	2659594	0.04	0.04	0.0%	< 0.01				80%	120%
La	1	2659569	24.1	24.4	1.2%	< 0.1				80%	120%
Li	1	2659569	20.9	21.2	1.4%	< 0.1				80%	120%
Mg	1	2659594	0.086	0.085	1.2%	< 0.01				80%	120%
Mn	1	2659594	183	187	2.2%	< 1				80%	120%
Mo	1	2659569	1.36	1.43	5.0%	< 0.05				80%	120%
Na	1	2659594	0.02	0.02	0.0%	< 0.01				80%	120%
Nb	1	2659569	1.24	1.25	0.8%	< 0.05				80%	120%
Ni	1	2659569	28.0	28.1	0.4%	< 0.2				80%	120%
P	1	2659594	1570	1630	3.8%	< 10				80%	120%
Pb	1	2659569	12.8	13.1	2.3%	< 0.1				80%	120%
Rb	1	2659569	19.1	19.1	0.0%	< 0.1				80%	120%
Re	1	2659569	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1	2659594	0.099	0.097	2.0%	< 0.005				80%	120%
Sb	1	2659569	0.81	0.74	9.0%	< 0.05				80%	120%
Sc	1	2659569	5.5	5.5	0.0%	< 0.1				80%	120%
Se	1	2659569	0.6	0.4		< 0.2				80%	120%
Sn	1	2659569	1.5	1.3	14.3%	< 0.2				80%	120%
Sr	1	2659594	8.21	8.29	1.0%	< 0.2				80%	120%
Ta	1	2659569	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659569	0.048	0.042	13.3%	< 0.01				80%	120%
Th	1	2659569	3.23	3.36	3.9%	< 0.1				80%	120%
Ti	1	2659594	< 0.005	< 0.005	0.0%	< 0.005				80%	120%
Tl	1	2659569	0.17	0.16	6.1%	< 0.02				80%	120%
U	1	2659569	1.34	1.36	1.5%	< 0.05				80%	120%
V	1	2659569	91.3	92.3	1.1%	< 0.5				80%	120%
W	1	2659569	1.26	0.992	23.8%	< 0.05				80%	120%
Y	1	2659569	7.54	7.52	0.3%	< 0.05		7		80%	120%

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Zn	1	2659594	17.0	17.3	1.7%	< 0.5				80%	120%
Zr	1	2659569	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Ag	1	2659594	0.162	0.177	8.8%	< 0.01	7	7	104%	80%	120%
Al	1					< 0.01	0.392	0.359	109%	80%	120%
As	1	2659594	4.5	4.3	4.5%	< 0.1				80%	120%
Au	1	2659594	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
B	1	2659594	< 5	< 5	0.0%	< 5				80%	120%
Be	1	2659594	0.44	0.41	7.1%	< 0.05				80%	120%
Bi	1	2659594	0.153	0.156	1.9%	< 0.01				80%	120%
Ca	1					< 0.01	0.587	0.635	92%	80%	120%
Cd	1	2659594	0.13	0.12	8.0%	< 0.01				80%	120%
Ce	1	2659594	18.3	17.7	3.3%	< 0.01				80%	120%
Co	1	2659594	2.5	2.5	0.0%	< 0.1	5.9	5.0	118%	80%	120%
Cs	1	2659594	1.17	1.11	5.3%	< 0.05				80%	120%
Cu	1					< 0.1	5167	4700	110%	80%	120%
Fe	1					< 0.01	1.31	1.31	100%	80%	120%
Ga	1	2659594	3.73	3.65	2.2%	< 0.05				80%	120%
Ge	1	2659594	< 0.05	< 0.05	0.0%	< 0.05				80%	120%
Hf	1	2659594	< 0.02	< 0.02	0.0%	< 0.02				80%	120%
Hg	1	2659594	0.07	0.04		< 0.01	1.7	1.3	129%	80%	120%
In	1	2659594	0.0074	0.0093	22.8%	< 0.005				80%	120%
K	1					< 0.01	0.19	0.18	108%	80%	120%
La	1	2659594	11.5	11.1	3.5%	< 0.1				80%	120%
Li	1	2659594	2.28	2.21	3.1%	< 0.1				80%	120%
Mg	1					< 0.01	0.103	0.098	105%	80%	120%
Mo	1	2659594	0.66	0.65	1.5%	< 0.05	284	280	101%	80%	120%
Na	1					< 0.01	0.032	0.038	85%	80%	120%
Nb	1	2659594	0.202	0.185	8.8%	< 0.05				80%	120%
Ni	1	2659594	5.26	4.98	5.5%	< 0.2	7	7	101%	80%	120%
Pb	1	2659594	4.5	4.4	2.2%	< 0.1	28	30	93%	80%	120%
Rb	1	2659594	11.1	10.9	1.8%	< 0.1				80%	120%
Re	1	2659594	< 0.001	< 0.001	0.0%	< 0.001				80%	120%
S	1					< 0.005	0.64	0.621	103%	80%	120%
Sb	1	2659594	0.14	0.16	13.3%	< 0.05				80%	120%
Sc	1	2659594	0.4	0.4	0.0%	< 0.1				80%	120%
Se	1	2659594	0.3	0.3	0.0%	< 0.2				80%	120%
Sn	1	2659594	0.73	0.64	13.1%	< 0.2				80%	120%
Ta	1	2659594	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Te	1	2659594	0.01	0.04		< 0.01				80%	120%
Th	1	2659594	< 0.1	< 0.1	0.0%	< 0.1				80%	120%
Ti	1					< 0.005	0.013	0.011	119%	80%	120%
Tl	1	2659594	0.076	0.067	12.6%	< 0.02				80%	120%

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES
AGAT WORK ORDER: 11Y523648
PROJECT NO:
ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 15, 2011		REPLICATE				Method Blank	REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD		Result Value	Expect Value	Recovery	Acceptable Limits Lower	Acceptable Limits Upper
U	1	2659594	1.56	1.52	2.6%	< 0.05				80%	120%
V	1	2659594	19.9	19.8	0.5%	< 0.5				80%	120%
W	1	2659594	0.216	0.207	4.3%	< 0.05				80%	120%
Y	1	2659594	4.30	4.35	1.2%	< 0.05		7		80%	120%
Zr	1	2659594	< 0.5	< 0.5	0.0%	< 0.5				80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Au	1	2659567	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Cu	1					< 0.1	4371	4700	93%	80%	120%
Sr	1					< 0.2	321	390	82%	80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Au	1	2659569	< 0.01	< 0.01	0.0%	< 0.01				80%	120%
Cu	1					< 0.1	5805	5000	116%	80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Al	1					< 0.01	0.399	0.359	111%	80%	120%
Au	1	2659587	0.19	< 0.01		< 0.01				80%	120%
Ca	1					< 0.01	0.633	0.635	100%	80%	120%
Cu	1					< 0.1	5291	4700	113%	80%	120%
Fe	1					< 0.01	1.41	1.31	108%	80%	120%
K	1					< 0.01	0.2	0.18	112%	80%	120%
Mg	1					< 0.01	0.109	0.098	112%	80%	120%
Na	1					< 0.01	0.035	0.038	91%	80%	120%
Ni	1					< 0.2	8	7	109%	80%	120%
S	1					< 0.005	0.684	0.621	110%	80%	120%
Sr	1					< 0.2	295	390	76%	80%	120%
Ti	1					< 0.005	0.013	0.011	118%	80%	120%
Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)											
Au	1	2659594	< 0.01	< 0.01	0.0%	< 0.01				80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested

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CLIENT NAME: ARCTURUS VENTURES
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ATTENTION TO: BRANDON MACDONALD

PROJECT NO:

AGAT WORK ORDER: 11Y523961

SOLID ANALYSIS REVIEWED BY: Ron Cardinall, Certified Assayer - Director - Technical Services (Mining)

DATE REPORTED: Sep 20, 2011

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (905) 501 9998, or at 1-800-856-6261

*NOTES

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.

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Certificate of Analysis

AGAT WORK ORDER: 11Y523961
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Au, ICP-MS finish (202054)

DATE SAMPLED: Aug 30, 2011 | DATE RECEIVED: Aug 30, 2011 | DATE REPORTED: Sep 20, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.00005
MER Silt #1 (-80)	2.49	0.00200
MER Silt #2 (-80)	2.96	0.00064
MER Silt #3 (-80)	3.55	0.00048
MER Silt #4 (-80)	4.03	0.00093

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y523961
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

Aqua Regia Digest - Metals Package, ICP/ICP-MS finish (201074)

DATE SAMPLED: Aug 30, 2011 | DATE RECEIVED: Aug 30, 2011 | DATE REPORTED: Sep 20, 2011 | SAMPLE TYPE: Soil

Analyte:	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.01	0.01	0.1	0.01	5	1	0.05	0.01	0.01	0.01	0.01	0.1	0.5	0.05
MER Silt #1 (-80)	0.28	1.14	51.4	<0.01	<5	391	0.40	0.35	0.88	0.30	35.8	18.5	52.3	1.45
MER Silt #2 (-80)	0.27	1.41	12.4	<0.01	<5	245	0.77	0.48	0.97	0.65	40.5	9.1	30.6	2.19
MER Silt #3 (-80)	0.38	0.54	3.1	<0.01	<5	101	0.51	0.36	0.31	0.19	14.2	1.7	8.2	1.49
MER Silt #4 (-80)	0.75	0.82	9.9	<0.01	6	237	0.47	0.17	3.12	0.80	25.3	5.5	16.5	6.72

Analyte:	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%
Sample Description RDL:	0.1	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.1	0.1	0.01	1	0.05	0.01
MER Silt #1 (-80)	49.9	2.52	4.31	0.14	0.03	0.04	0.017	0.08	20.3	16.1	0.85	1620	0.96	0.01
MER Silt #2 (-80)	7.9	2.26	4.80	0.16	0.04	0.10	0.022	0.07	21.6	39.7	0.56	643	0.49	0.03
MER Silt #3 (-80)	21.9	0.43	2.19	0.12	<0.02	0.07	0.010	0.04	8.5	4.2	0.08	139	0.60	0.03
MER Silt #4 (-80)	55.3	4.10	2.39	0.09	0.05	0.11	0.017	0.08	16.7	13.3	0.39	376	0.95	0.04

Analyte:	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.05	0.2	10	0.1	0.1	0.001	0.005	0.05	0.1	0.2	0.2	0.2	0.01	0.01
MER Silt #1 (-80)	1.00	71.7	1390	11.2	12.1	<0.001	0.068	0.49	3.5	1.2	0.5	47.2	<0.01	0.02
MER Silt #2 (-80)	1.37	24.4	1260	11.2	15.7	0.001	0.062	0.21	2.8	0.4	0.7	94.7	<0.01	0.01
MER Silt #3 (-80)	0.20	5.0	544	10.0	5.0	<0.001	0.061	0.12	0.2	<0.2	0.6	16.1	<0.01	<0.01
MER Silt #4 (-80)	0.66	23.8	1400	8.3	14.9	0.013	0.827	0.23	1.9	3.6	0.8	239	<0.01	0.02

Analyte:	Th	Ti	Tl	U	V	W	Y	Zn	Zr
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	0.1	0.005	0.02	0.05	0.5	0.05	0.05	0.5	0.5
MER Silt #1 (-80)	1.9	0.043	0.14	4.19	45.4	0.36	11.3	80.4	0.9
MER Silt #2 (-80)	3.9	0.037	0.11	4.06	32.5	3.76	12.6	150	0.8
MER Silt #3 (-80)	<0.1	0.007	0.15	2.12	12.3	0.30	3.35	26.2	<0.5
MER Silt #4 (-80)	2.1	0.011	0.11	5.09	19.9	0.23	12.7	132	1.5

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested

AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 11Y523961

PROJECT NO:

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CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

BLEG - Au (AAS)

DATE SAMPLED: Aug 30, 2011 | DATE RECEIVED: Aug 30, 2011 | DATE REPORTED: Sep 20, 2011 | SAMPLE TYPE: Soil

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.002
MER Silt #1 (-20)	2.49	0.003
MER Silt #2 (-20)	2.96	<0.002
MER Silt #3 (-20)	3.55	<0.002
MER Silt #4 (-20)	4.03	<0.002

Comments: RDL - Reported Detection Limit

Certified By: Ron Cardinall

Results relate only to the items tested

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Quality Assurance

CLIENT NAME: ARCTURUS VENTURES

AGAT WORK ORDER: 11Y523961

PROJECT NO:

ATTENTION TO: BRANDON MACDONALD

Solid Analysis (Continued)

RPT Date: Sep 20, 2011		REPLICATE					REFERENCE MATERIAL				
PARAMETER	Batch	Sample Id	Original	Rep #1	RPD	Method Blank	Result Value	Expect Value	Recovery	Acceptable Limits	
										Lower	Upper
Te	1	2662637	0.015	0.014	6.9%	< 0.01				80%	120%
Th	1	2662637	1.9	2.0	5.1%	< 0.1				80%	120%
Ti	1	2662637	0.043	0.045	4.5%	< 0.005				80%	120%
Tl	1	2662637	0.142	0.146	2.8%	< 0.02				80%	120%
U	1	2662637	4.19	4.22	0.7%	< 0.05				80%	120%
V	1	2662637	45.4	46.5	2.4%	< 0.5				80%	120%
W	1	2662637	0.36	0.91		< 0.05				80%	120%
Y	1	2662637	11.3	11.6	2.6%	< 0.05		7		80%	120%
Zn	1	2662637	80.4	80.1	0.4%	< 0.5				80%	120%
Zr	1	2662637	0.9	0.9	0.0%	< 0.5				80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested