ARCTURUS VENTURES INC.

ASSESSMENT REPORT OF THE

RECONNAISSANCE GEOCHEMICAL SAMPLING PROGRAM 2011

On The

HEM 1 – 2 YD81661 – YD81662
HEM 3 – 138 YD81703 – YD81838
KE 1 – 40 YD121663 – YD121702
KE 41 – 56 YD122177 – YD122192
KE 57 – 88 YE36956 – YE36987

Claims

Keele Peak Area

NTS 105 O/8/9
UTM 7 048 000 N, 440 000 E
NAD 83 Zone 9

In the

Mayo Mining District
Yukon Territory

Prepared by
R. Stroshein, P.Eng.

June 20, 2012

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1.0 SUMMARY AND CONCLUSIONS

The HEM - KE claim group is composed of 226 Quartz claims with an area of 4 578 hectares. The claim group is located in the Keele Peak Region on NTS Map Sheets 105 O/8/9 of the Mayo Mining District, Yukon. The property is 225 kilometres northeast of Ross River, Yukon and 45 kilometres north of the Macmillian Pass airstrip. Access to the property is by Helicopter from Ross River or by helicopter staged out of Macmillian Pass. Figure 1.

The objective of the exploration was to identify potential gold mineralization by prospecting, mapping and reconnaissance 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 Sediment Hosted Gold Deposit (SHGD) type or other wise known as Carlin type gold mineralization within marginal facies rocks of the Selwyn Basin. The exploration was carried out on the KE claim group between June 20 and 25, 2011. The work included 15 man days collecting 15 silt sediment samples and 196 soil/rock talus samples and 5 man days of geological mapping and prospecting.

The Property is underlain by rock units of the Selwyn Basin Upper Proterozic to Lower Cambrian Hyland group slate, Lower Cambrian Gull Lake formation of fine clastic rocks, Upper Cambrian to Ordovician Rabbitkettle Formation limestone and Ordovician to Lower Devonian Road River Formation rocks of graphitic shale and black chert. The claim area is distal to a mid-Cretaceous granodiorite intrusion of the Selwyn Suite.

Geochemical sampling results were subdued. Gold-in-soil values ranged from below detection limits (bdl) to 0.044 parts per million (ppm), arsenic-in-soil values ranged from 1 to 29 ppm, antimony-in-soil values ranged from bdl to 6 ppm, Mercury-in-soil values ranged from bdl to 0.51 ppm, copper-in-soil values ranged from 2.4 to 113 ppm, lead-in-soil values ranged from bdl to 52 ppm and zinc-in-soil values ranged from 8.6 to 321 ppm. The most interesting area occurs along the northeast trending ridge in the central portion of the KE claims. In the area the rocks exhibit a complex structural setting of folds and possibly faulting. This is an important feature in SHGD. The area also exhibits weakly anomalous soil samples with the pathfinder elements arsenic, mercury, antimony and zinc.

Silt sediment sample results also indicate that the northeast area of the claim block is the most prospective for gold with high values of 14.4 ppb gold and 123 ppm arsenic.

A program of geological mapping and prospecting with additional soil sampling in the area of the structural complexity and anomalous soil samples is recommended and the southern portion of the KE claim block. Additional reconnaissance soil sampling is also recommended for the HEM claim block.



ARCTURUS VENTURES INC.

KEELE PROPERTY
YUKON TERRITORY

LOCATION MAP

DATE: March, 2011

FIGURE: 1

2.0 INTRODUCTION

The 2011 exploration program involved 15 man days with a three person crew carrying out geochemical soil and stream sediment sampling. A total of 196 soil samples and 15 silt sediment samples were collected. Five man days were of geological mapping and prospecting was completed by Dr. Tim Liverton. The exploration was carried out from June 20 to 26, 2011 and was focused on the KE claims.

Stream sediments were collected from streams draining the area of the KE claims and soil samples were collected along the north trending ridge that divides the Property in two and three spur ridges connected to the main ridge.

The exploration was carried out by Ketza Enterprises Ltd. The supervisory personnel were Brandon Macdonald and Blake Macdonald.

3.0 LOCATION AND ACCESS

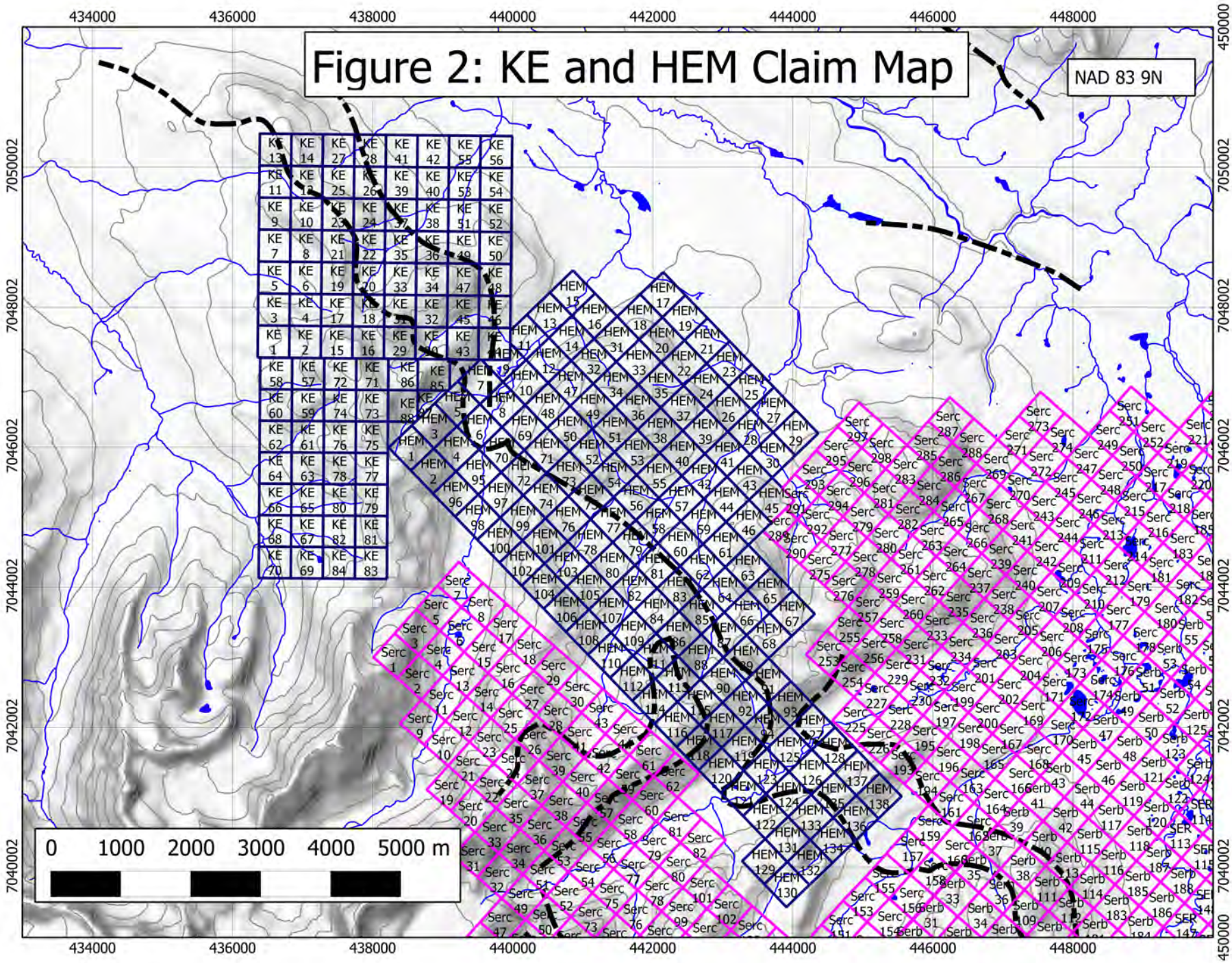
The Property is accessible by helicopter from Ross River or Faro 275 kilometres south southeast of the property area. Figure 1 is the location map of the property within Yukon relative to the highway network. The 2011 exploration program of 2011 was carried out by field crews set out daily by helicopter from the Faro. There are times when helicopters are available for casual charter in the Macmillan Pass area that is located on the North Canol Road 220 kilometres north of Ross River. The Macmillan Pass airstrip is located 45 kilometres south of the Property.

4.0 PROPERTY

The Keele Property is comprised of 226 quartz claims with an area of 4 578 hectares as shown in Figure 2 and listed in Table I. The claims are located in the Mayo Mining District on claim sheets 105 O 08/09.

Table I HEM - KE Property Claims

HEM 1 – 2	YD81661 – YD81662	January 1, 2014
HEM 3 – 138	YD81703 – YD81838	January 1, 2014
KE 1 – 40	YD121663 – YD121702	February 3, 2017
KE 41 – 56	YD122177 – YD122192	February 3, 2017
KE 57 – 88	YE36956 – YE36987	February 3, 2017


Figure 2: KE and HEM Claim Map
NAD 83 9N
434000
436000
438000
440000
442000
444000
446000
448000
7050002
7048002
7046002
7044002
7042002
7040002
450000
0 1000 2000 3000 4000 5000 m

5.0 HISTORY

There are no Minfile occurrences in the area of the Property. The Property is located within the Selwyn Basin that contains a number of Sedimentary Exhalative (SEDEX) deposits including the Tom (Minfile 105O 001) Jason (Minfile 105O 019) and Nidd (105O 024) deposits at Macmillan Pass. Numerous exploration companies have conducted regional exploration programs in the region focused on SEDEX type mineralization and gold mineralization related to the Mid-Cretaceous granitic intrusions of the Selwyn Suite that occur in the region.

The Geological Survey of Canada (GSC) conducted a Regional Reconnaissance Stream Sediment Survey in 1974 and published the results in GSC OF 2364. The regional sample locations in the area are displayed on Figure 4. There are single samples on the drainages in the immediate area of the KE and Hem claim blocks. Neither of the samples produced anomalous results for any elements.

The GSC compiled regional aeromagnetic data for the region. The total magnetic field data is displayed in Figure 4 and indicates a broad weak high coinciding with the low valley of the Hess River and broadly conforming to the contact zone of the Mid-Cretaceous Selwyn Suite granodiorite intrusive and surrounding sedimentary rocks south of the Property. The area of the intrusive is a magnetic low.

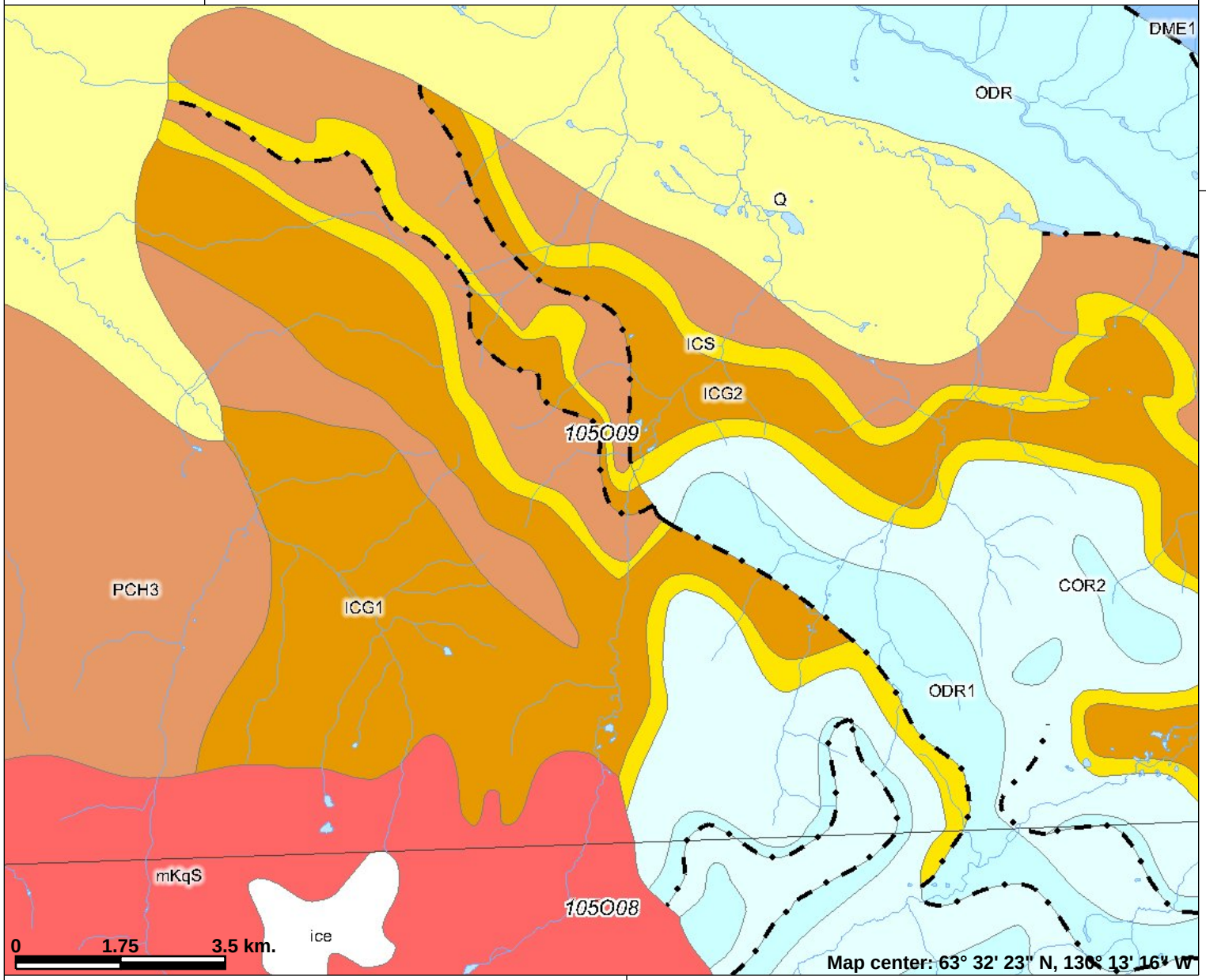
6.0 GEOLOGICAL SETTING

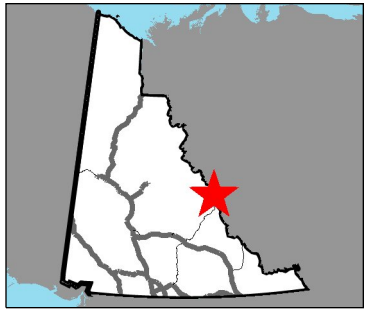
The Keele Property is located in the marginal facies rock units of the Selwyn Basin. The Selwyn Basin is a shallow to deep water that is floored by the coarse clastic rocks and maroon shales of the Proterozoic Hyland Group. The sediments are overlain by carbonate rocks of the Lower Cambrian Gull Lake Formation in the area of the Property. The overlying transgressive sequence of the Cambro-Ordovician Rabbitkettle Formation is composed of silty-laminated limestone. Late Ordovician to Devonian aged Road River Formation is composed of black silicieous mudstone, chert and siltstone. This unit hosts SEDEX type deposits in exhalative sub-basins at Howard's Pass and Anvil. Devono-Mississippian rocks of the Earn Group are composed of black shale and siltstone with lenses of sandstone. In the region the rocks contain channels of chert pebble conglomerate deposited during uplift and erosion that funnel toward Macmillan Pass along possible seafloor fissures that produced SEDEX type mineralization in the overlying seabed sediments.

Mid-Cretaceous intrusive rocks of the Selwyn suite cross cut all regional units. The intrusive rocks include quartz monzonite, granodiorite, porphyritic phases and genetically related fine grained felsic dykes. Gold-arsenic vein mineralization in the Macmillan Pass area occurs with the felsic dyke rocks. A mid sized pluton of the Selwyn suite is exposed in outcrop five kilometers south of the Property.

The regional rock units are displayed on Figure 3 and accompanying geological legend for the Property and surrounding area.

Figure 3 Geology Map





Legend

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
- Alley or Service Lane
- Service Lane
- Winter

Places (All)

- City
- Town

N

Scale: 1:100,000

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: Arcturus Ventures Inc.
Keele Project

GEOLOGICAL LEGEND KEELE PROJECT

To Accompany Figure 3 – Geology Map

MID-CRETACEOUS

mKS

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)**

q. equigranular to porphyritic (K-feldspar) biotite +/- hornblende +/- muscovite granite, quartz monzonite and granodiorite; porphyritic biotite hornblende granite with large smoky grey quartz phenocrysts and locally K-feldspar phenocrysts **(Selwyn Suite)**

ORDOVICIAN TO LOWER DEVONIAN

ODR

ODR: ROAD RIVER - SELWYN
black shale and chert (1) overlain by orange siltstone (2) or buff platy limestone (3); locally contains beds as old as Middle Cambrian (4); correlations with basinal strata in Richardson Mountains include: ODR1 with CDR2 (upper part) and ODR2 with CDR4 **(Road River Gp.)**

1. black, gun-blue, or silvery white weathering black graptolitic shale and black chert; resistant grey weathering, thin to medium bedded, light grey to black, greenish grey or turquoise chert; minor argillaceous limestone **(Road River Gp., Duo Lake and Elmer Creek)**

UPPER CAMBRIAN AND ORDOVICIAN

COR

COR: RABBITKETTLE
basinal limestone (1) that may locally include older and younger basinal pelitic strata undivided (2)

1. thin bedded, wavy banded, silty limestone and grey lustrous calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff **(Rabbitkettle)**
2. as in COR1, but may include Middle Cambrian and Middle Ordovician beds undivided

LOWER CAMBRIAN

ICG

ICG: GULL LAKE
dominantly fine clastic assemblage (1) with local volcanic units (2)

1. shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate; phyllite to quartz-muscovite-biotite schist (+/-garnet +/-sillimanite +/-staurolite +/-andalusite) **(Gull Lake)**

UPPER PROTEROZOIC TO LOWER CAMBRIAN

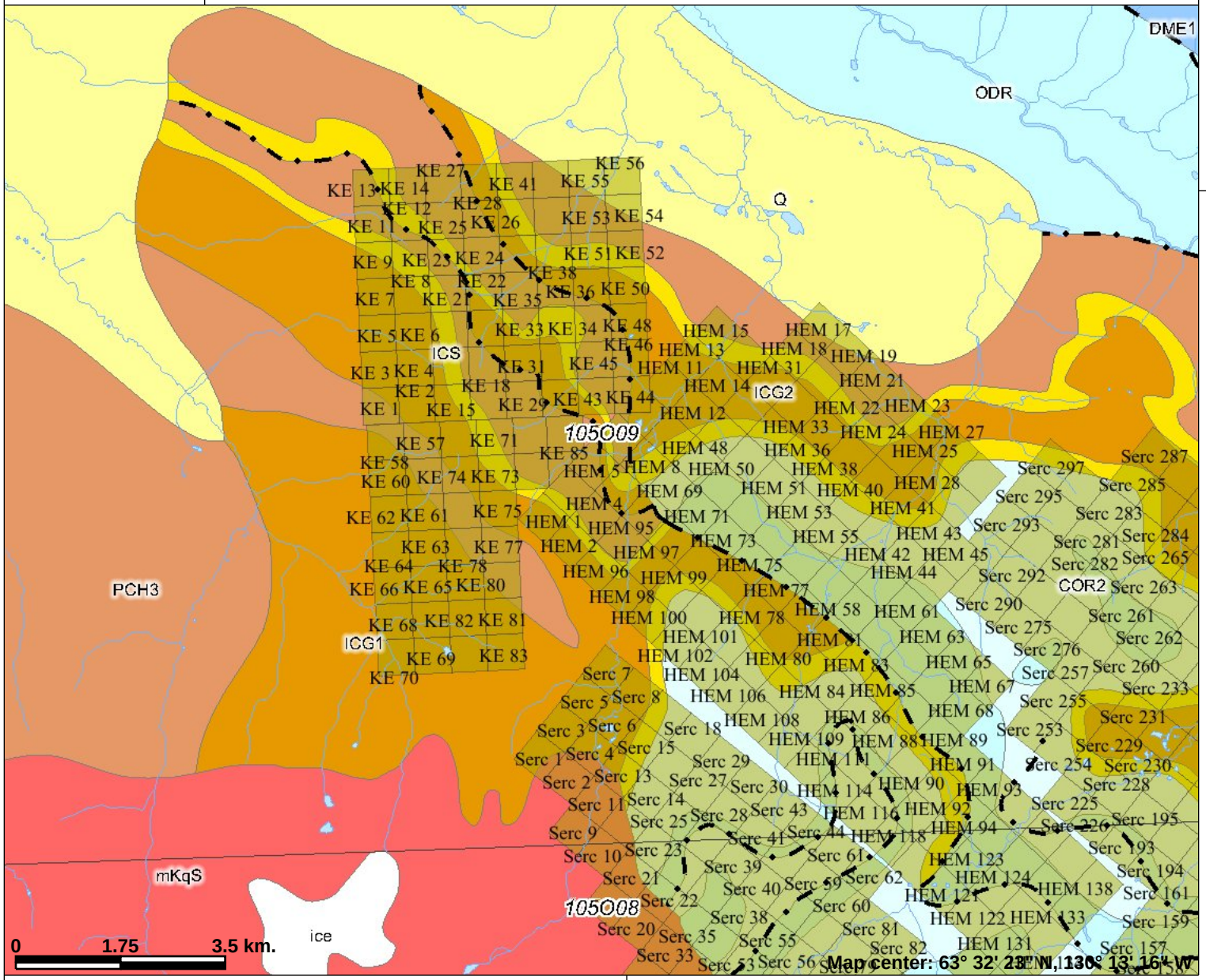
PCH

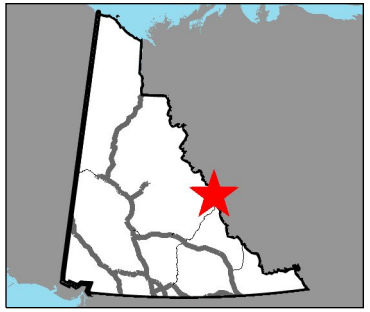
PCH2

PCH: HYLAND
consists upwards of coarse turbiditic clastics (1), limestone (2) and fine clastics typified by maroon and green shale (3); may include younger (4) units; includes scattered mafic volcanic rocks (5) **(Hyland Gp.)**

3. distinctive, recessive, maroon weathering, interbedded maroon and apple-green slate; "Oldhamia" trace fossils; rare grey chert; locally basal member and interbeds of quartz siltstone, sandstone and quartz-pebble conglomerate **(Hyland Gp., Narchilla , Senoah , Arrowhead Lake)**

Geology plus claims





Legend

Yukon Border - Surveyed

Faults (250K)

- defined
- approximate
- assumed
- extrapolated
- defined
- 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
- Alley or Service Lane
- Service Lane
- Winter

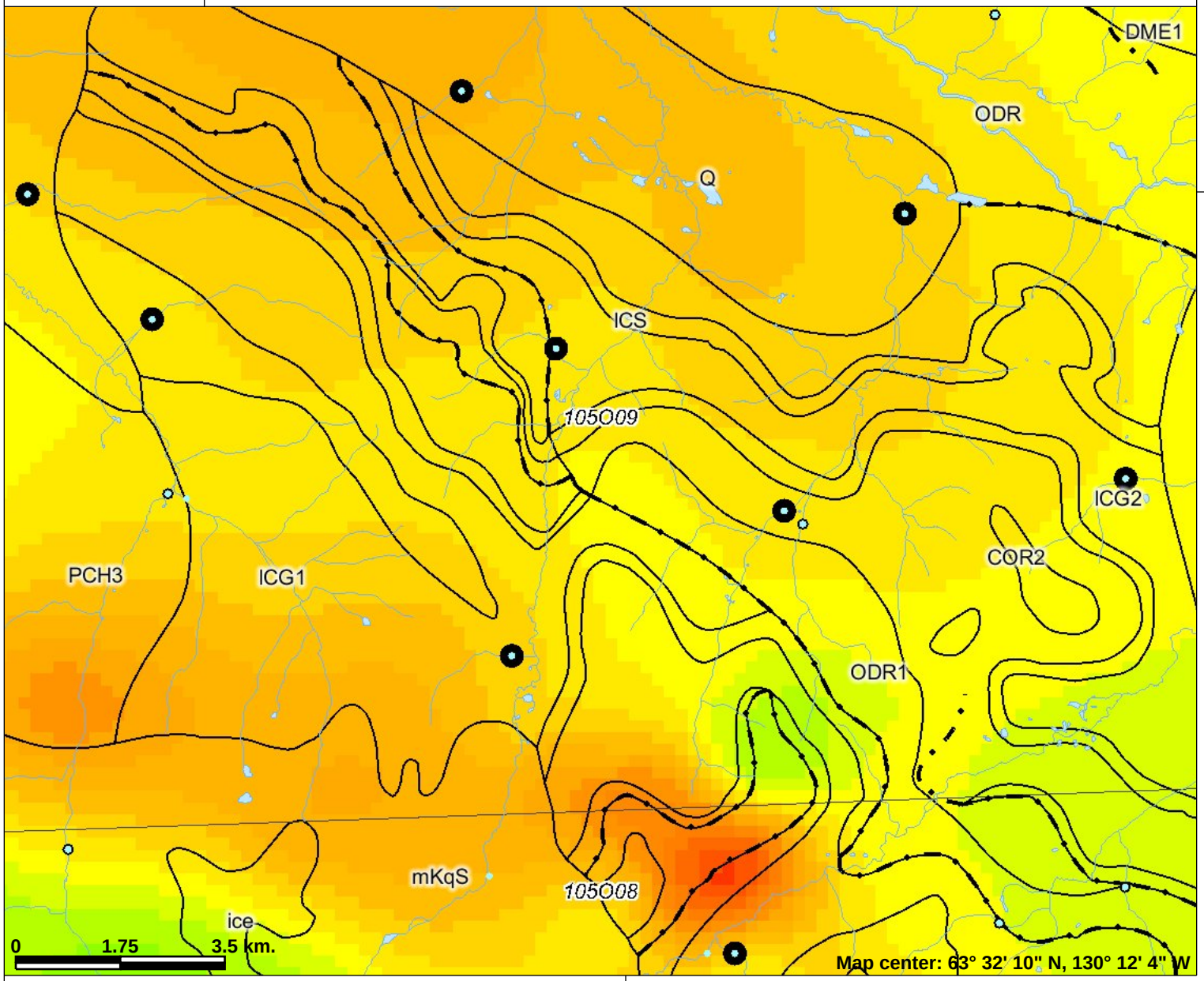
Places (All)

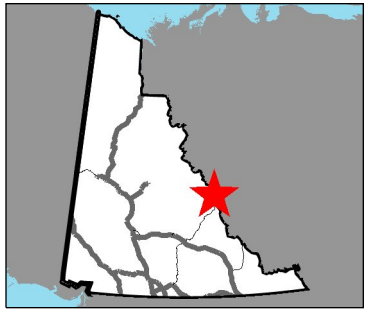
- City
- Town

Scale: 1:100,000

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Figure 4 Total Magnetic Intensity





Legend

CSW RGS_SB_2003 Sample Location

CSW RGS_SB_2003_Fe

- less than 50% 0.01 - 2.5 %
- 50-90%: 2.5 - 4.1 %
- 90-99%: 4.1 - 7.4 %
- greater than 99%: 7.4 - 33.3 %

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

N

Scale: 1:100,000

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: Arcturus Ventures Inc.
Keele Property
TMI and Reconnaissance Stream sediment sample locations

On the Property, mapping revealed a sequence of inter-bedded clastic and carbonate rocks. Dark grey limestone is in contact with grey sandstone trending north-northwest in the northwestern part of the KE claims with limestone breccia locally developed along the contact zone. A gently folded anticline is indicated in the rock units along the north trending ridge in the northwestern portion of the Propert. Further to the south, beds of limestone, orange dolomite and green and maroon shale outcrop along the ridge top. In this area of the KE claim block, cross faulting and folding occurs disrupting and repeating the sequence. Two faults were mapped the trend northwest crosscutting the units in the area. Folding causes deformation and repeated units along the northeast trending ridge in a southeast plunging syncline.

These rock units fit within the Hyland Group and Gull Lake Formation of the regional mapping. The Property Geology as mapped by T. Liverton is displayed in the figure on the next page.

There has been no geological mapping carried out on the HEM claim block.

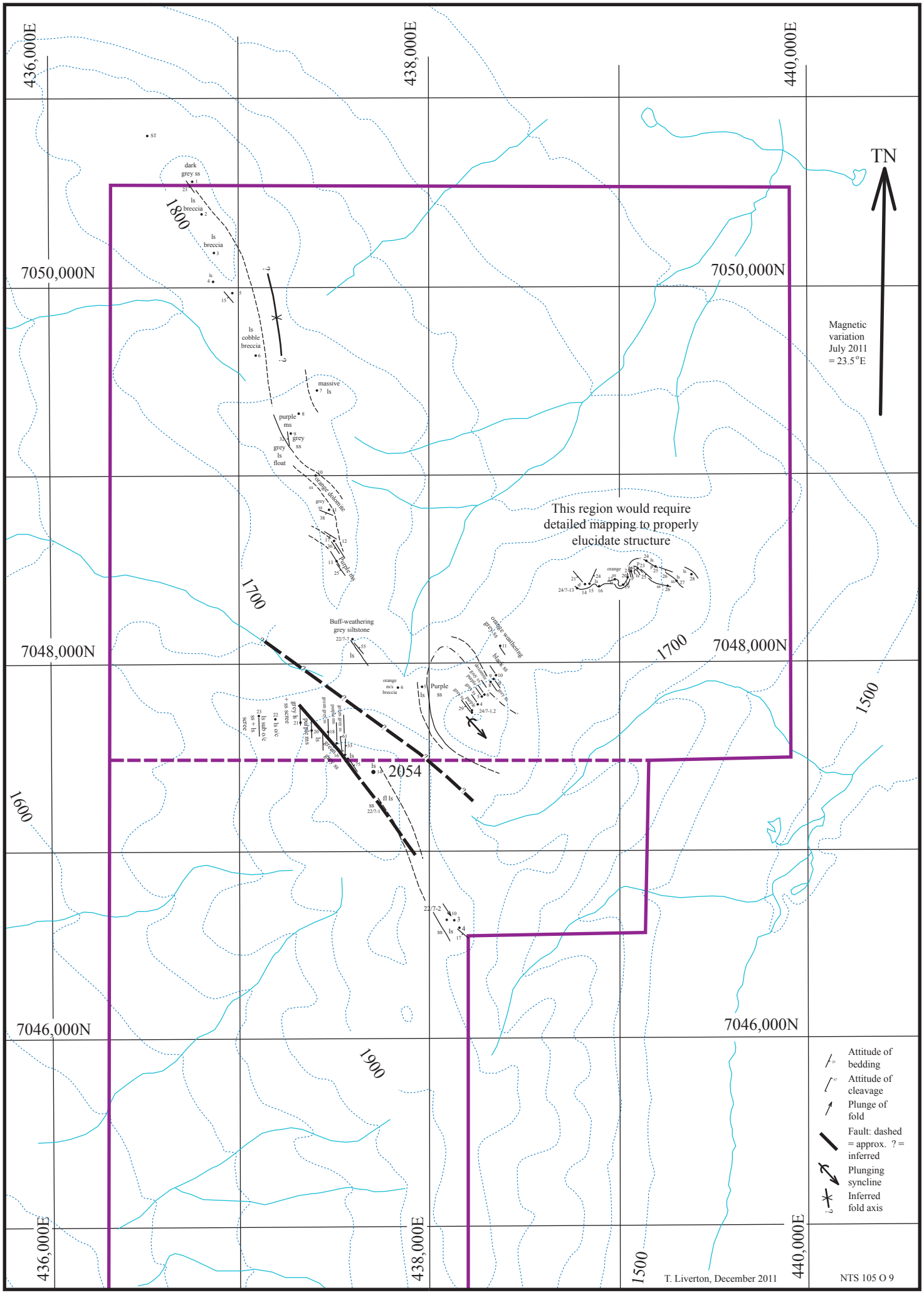
7.0 MINERALIZATION

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 KE claims. A total of 20 man days were spent in the field with additional preparation time and expediting between June 20 and June 25, 2011. Field crews were flown daily by helicopter from Faro by Trans North Helicopters.

A total of 196 soil/talus fines samples were collected from reconnaissance. The reconnaissance lines were along the central ridge trending north-south through the KE claims and along spur ridges transverse to the main ridge trend. The soil and silt sediment sample locations are displayed on Figure 5. Fifteen silt sediment samples were collected from streams that drain from the KE Property. The sampling was carried out by contract with Ketza Enterprises Ltd.


436,000E
438,000E
440,000E
7050,000N
7048,000N
7046,000N
TN
Magnetic variation July 2011 = 23.5°E
This region would require detailed mapping to properly elucidate structure
1800
1700
1600
1500
1900
2054
dark grey ss
ls breccia
ls cobble breccia
massive ls
purple ms
grey ss
grey ls float
orange dolomite
Buff-weathering grey siltstone
orange weathering grey ls
black ss
Purple ss
orange m/s breccia
grey ls
purple ss
fl ls
Attitude of bedding
Attitude of cleavage
Plunge of fold
Fault: dashed = approx. ? = inferred
Plunging syncline
Inferred fold axis
T. Liverton, December 2011
NTS 105 O 9

9.0 SAMPLING METHODS AND APPROACH

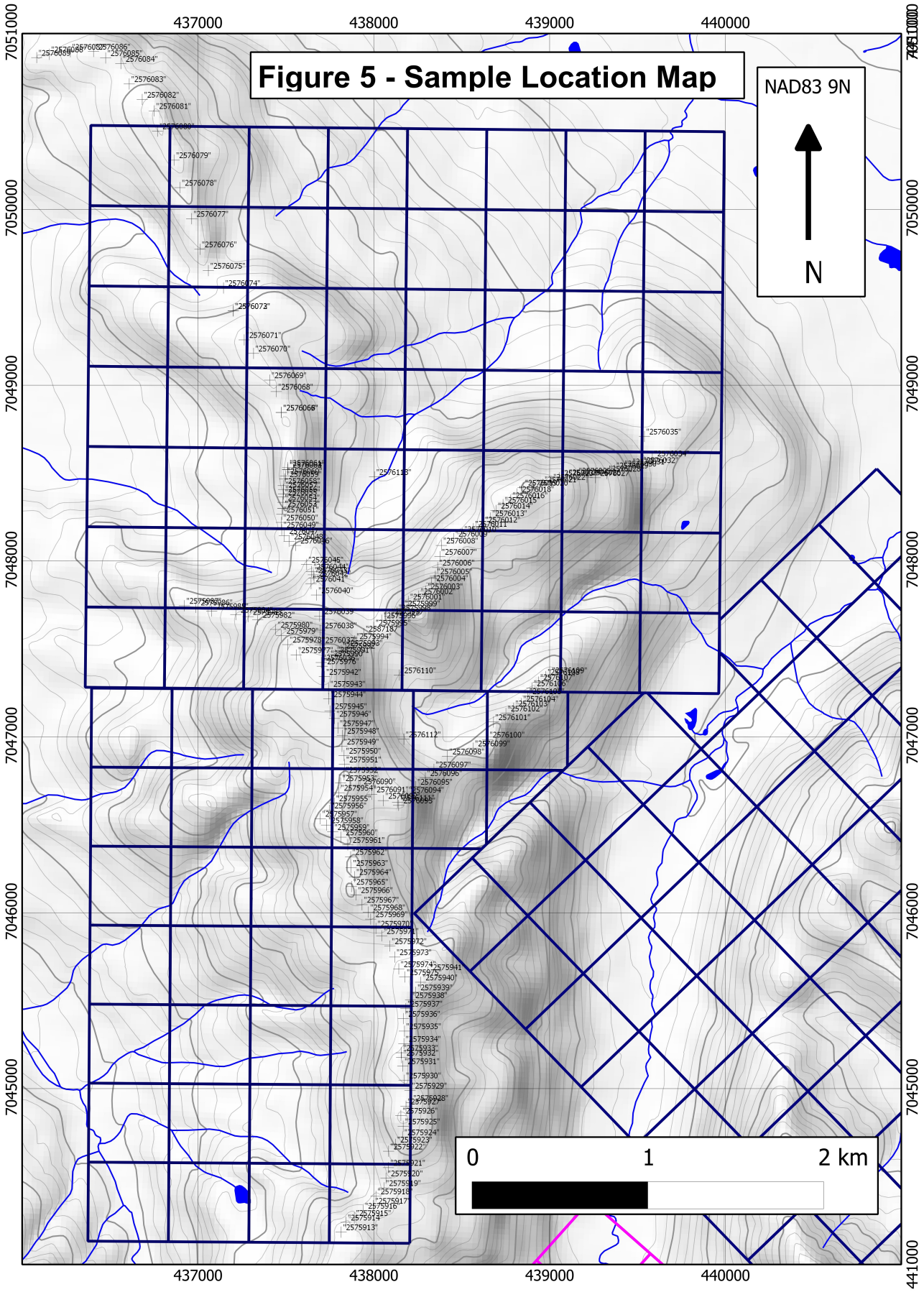
Soil samples were collected along the ridge tops and located by hand-held GPS instruments. Soil samples were collected from the “C” soil/talus fines using mattock or rock hammers. Depths of samples were nominally from surface or shallow depths. Sample locations were marked in the field with the station number on flagging tape.

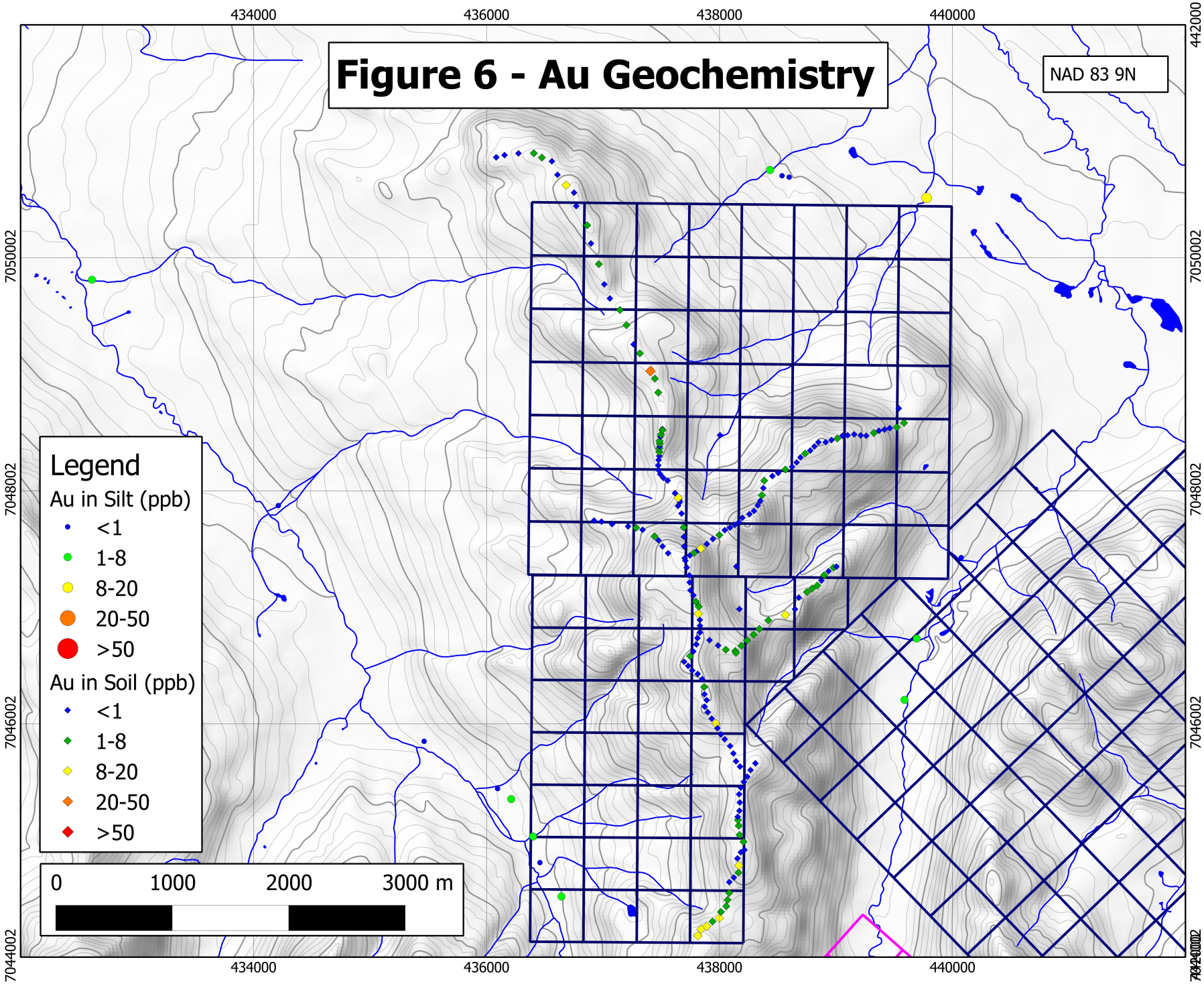
Silt sediment samples were obtained from the active stream bed. The sample sites were located by hand held GPS in the UTM co-ordinate system. The site was marked with flagging tape and the sample number recorded on the flag. Sample locations are tabled in Appendix 3 of this report. Assay certificates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

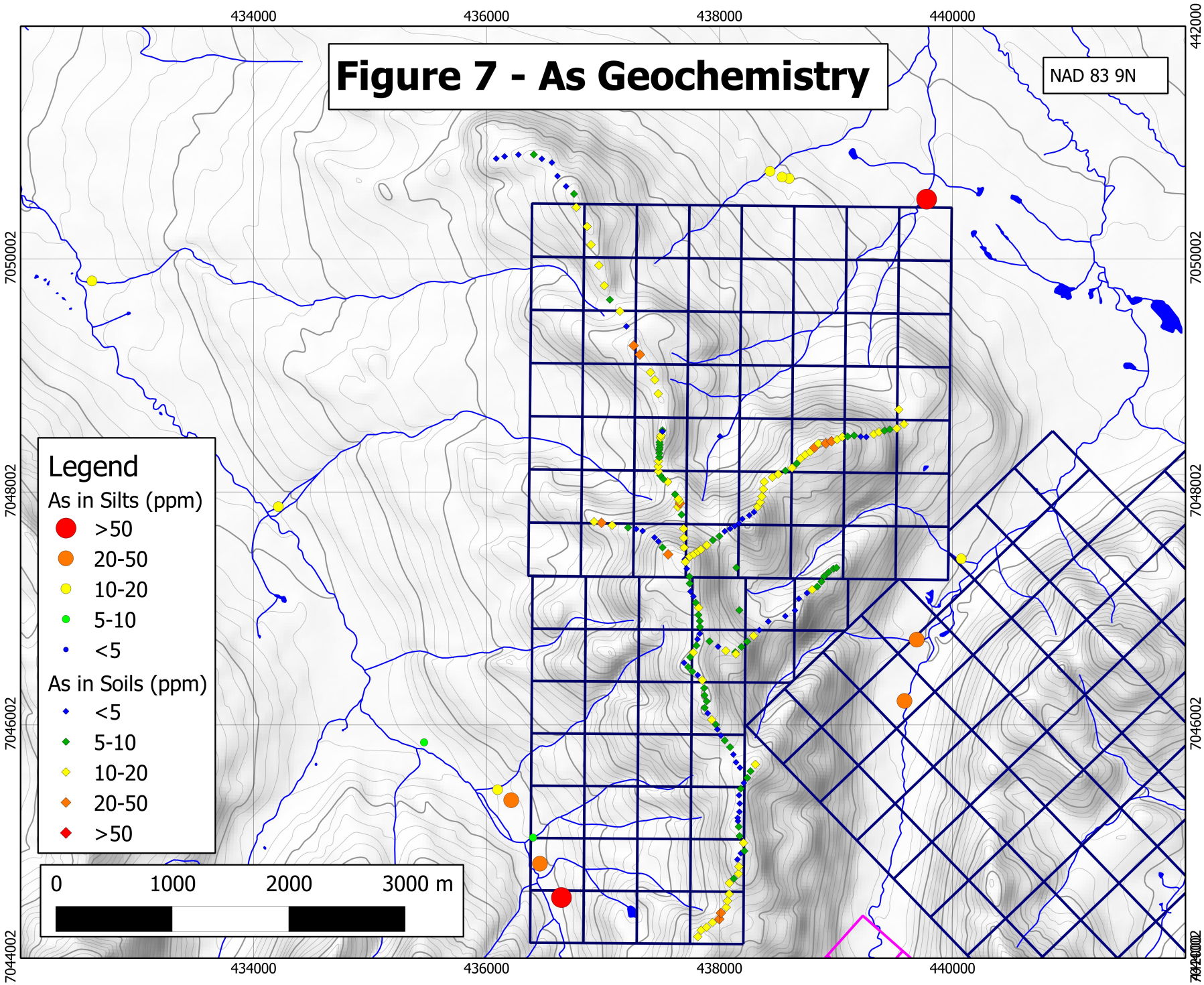
Multi-element analyses for soil and silt samples were carried out at AGAT Laboratories Mississauga, Ontario. Each sample was dried, fine crushed to better than 70% passing -2mm and then a 250 gram split was pulverized to better than 85% passing 75 micron. The fine fraction was then analyzed for gold using fire assay followed by inductively coupled plasma-atomic (ICP) emission spectroscopy analysis. Mercury and 51 other elements were analyzed by using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis ICP-OES and Hg-CVAA. A 30 g charge was further analyzed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-TL42). AGAT Laboratories is an independent commercial assay company.

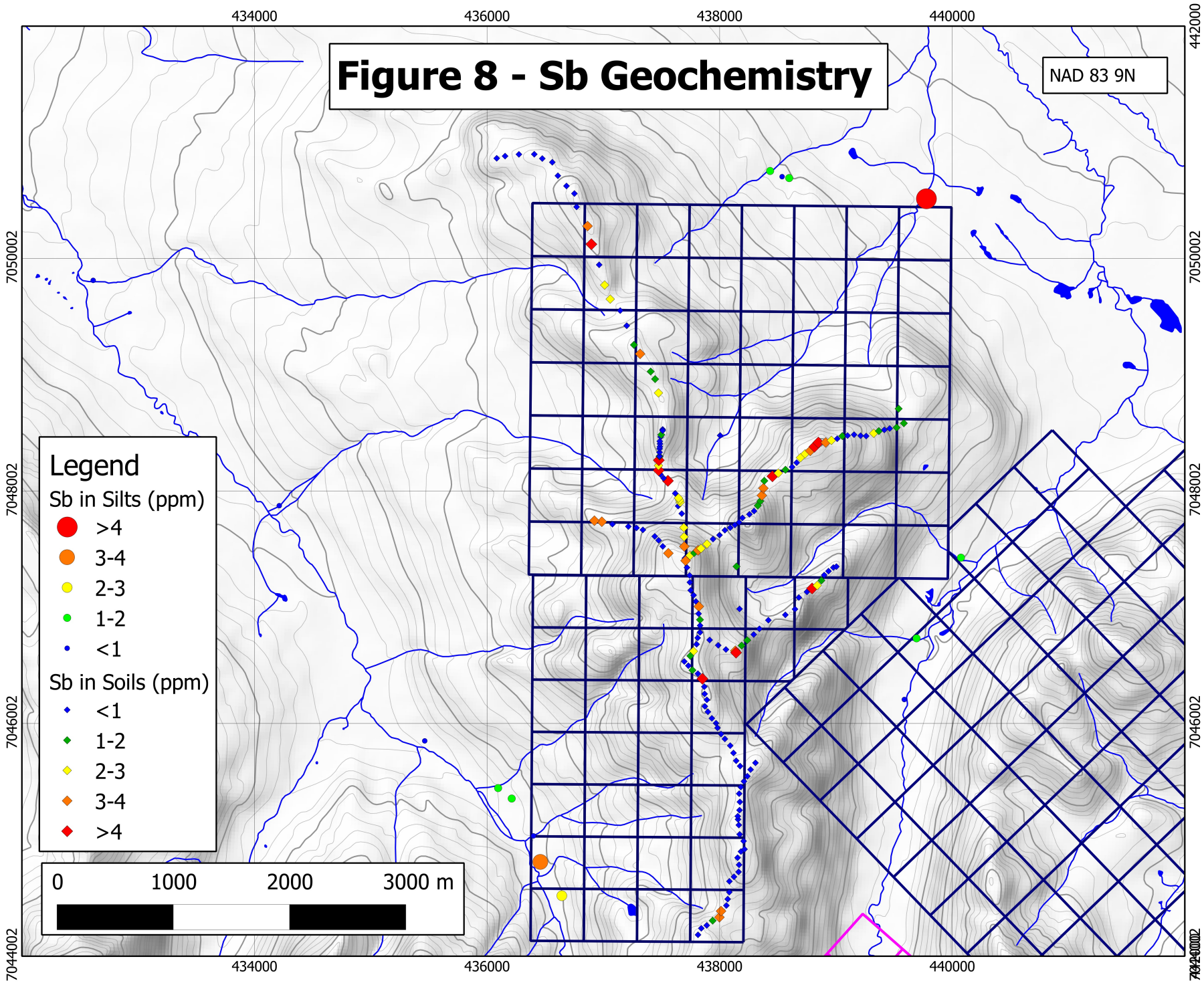
Gold and the pathfinder elements arsenic, antimony and mercury results are displayed thematically on Figures 6, 7, 8 and 9 respectively.

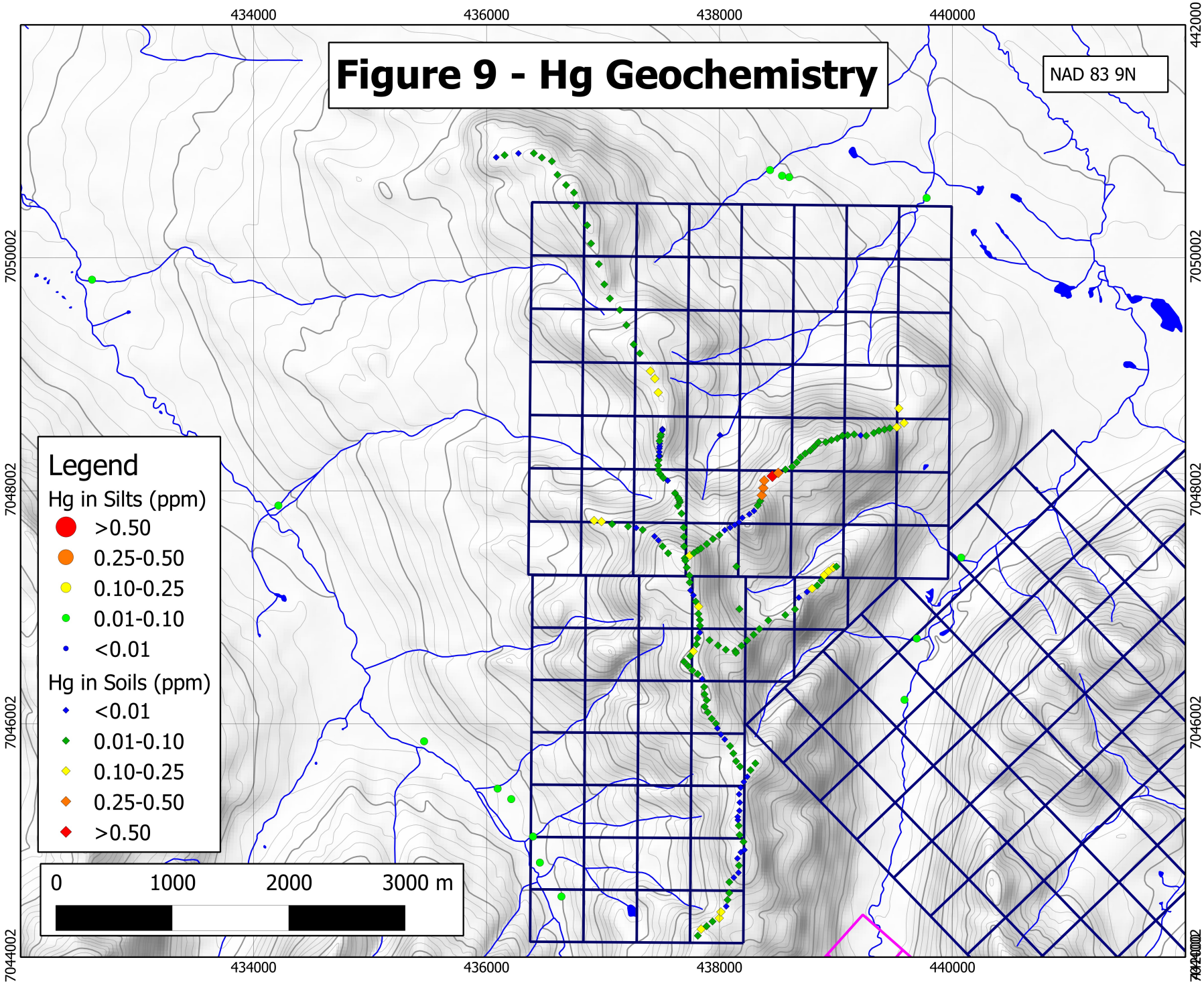
Employees of Arcturus Ventures Inc. delivered the samples directly to the preparation laboratory of AGAT Laboratories located in Whitehorse. The samples were prepared and the pulps sent by AGAT Laboratories to the Mississauga facility.


Figure 5 - Sample Location Map
NAD83 9N
N
0
1
2 km
437000
438000
439000
440000
7051000
7050000
7049000
7048000
7047000
7046000
7045000
441000


Figure 6 - Au Geochemistry
NAD 83 9N
434000
436000
438000
440000
442000
7050002
7048002
7046002
7044002
Legend
Au in Silt (ppb)
<1
1-8
8-20
20-50
>50
Au in Soil (ppb)
<1
1-8
8-20
20-50
>50
0
1000
2000
3000 m


Figure 7 - As Geochemistry
NAD 83 9N
434000
436000
438000
440000
442000
7050002
7048002
7046002
7044002
Legend
As in Silts (ppm)
>50
20-50
10-20
5-10
<5
As in Soils (ppm)
<5
5-10
10-20
20-50
>50
0
1000
2000
3000 m


Figure 8 - Sb Geochemistry
NAD 83 9N
434000
436000
438000
440000
442000
7050002
7048002
7046002
7044002
Legend
Sb in Silts (ppm)
>4
3-4
2-3
1-2
<1
Sb in Soils (ppm)
<1
1-2
2-3
3-4
>4
0
1000
2000
3000 m


Figure 9 - Hg Geochemistry
NAD 83 9N
434000
436000
438000
440000
442000
7050002
7048002
7046002
7044002
Legend
Hg in Silts (ppm)
>0.50
0.25-0.50
0.10-0.25
0.01-0.10
<0.01
Hg in Soils (ppm)
<0.01
0.01-0.10
0.10-0.25
0.25-0.50
>0.50
0
1000
2000
3000 m

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 with pathfinder elements.

Gold and gold-path finder elements were examined from the survey results. Gold-in-soil samples yielded values that ranged from below detection limits (BDL) (0.001) to 44 parts per billion (ppb). Arsenic-in-soil values ranged from 1 – 29 parts per million (ppm). Antimony-in-soil values ranged from BDL to 6 ppm. Mercury-in-soil values ranged from BDL to 0.51 ppm. Thallium-in-soil values were all BDL.

Three areas produced weakly anomalous clusters of arsenic, mercury and antimony that included weak gold-in-soil values in two of the areas. The areas are located on a northeast trending ridge underlain by deformed limestone and sedimentary rocks near the center of the KE claims, on the main north trending ridge also located near the center of the property on the same drainage as the first anomalous area and on the main ridge at the very south end of the KE claims.

The stream draining the northeast corner of the Property yielded the highest gold value of 14.4 ppb with an arsenic value of 123 ppm, an antimony value of 4.3 ppm.

Base metal value ranges were also examined. Copper-in-soil values ranged from 2.4 to 113 ppm. Lead-in-soil values ranged from BDL to 52 ppm. Zinc-in-soil values ranged from 8.6 to 321 ppm. Nickel-in-soil values ranged from 2.7 to 73.8 ppm. Molybdenum values ranged from BDL to 29.1 ppm. Generally the silt sediment samples produced moderate to low values for base metals.

11.0 INTERPRETATION AND CONCLUSIONS

The area of structural complexity including folding coincides with subdued multi-element anomalous soil samples. The area is underlain by carbonate rocks that are the typical hosts for SHGD than SEDEX type deposits that are hosted by clastic sedimentary rocks. Complex structural settings distal to plutonic rocks are also an indicator of potential SHGD. The steam silt sediment sample that drains from the area produced the highest gold and arsenic values.

12.0 RECOMMENDATIONS

Further reconnaissance geochemical sampling, detailed geological mapping and prospecting is recommended. Geological mapping and prospecting in and around the areas of the northeast geochemical and structural anomaly and the area at the south end of the claim block where there has been no geological mapping and weak multi-element geochemical sample results are indicated. Lithological and structural observations are important in locating gold SHGD. Initial reconnaissance style soil and silt sediment sampling is recommended to assess the Hem claim block. Mapping and prospecting to determine bedrock lithologies, structurally complex zones and potential mineralization is recommended.

13.0 REFERENCES

GSC Open File 2364, Regional Stream Sediment and Water Geochemical Reconnaissance Data, (NTS 105), Parts of NTS 105P), P.W.B. Fiske, E.H.W. Hornbrook, J.J. Lynch, M.W. McCurdy, H. Gross, A.C. Galleta and C.C. Durham.

Steve Israel, Maurice Colpron, Charlie Roots, and Tiffany Fraser, Overview of Yukon Geology.

Yukon MINFILE – A database of mineral occurrences. Available digitally: www.geology.gov.yk.ca/databases/download/html

APPENDIX A

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-eight years since graduation from university primarily in Yukon.

5) I am familiar with the lithologies in the Selwyn Basin and have been an active participant in exploration programs in the region since 1974. I have conducted geochemical and regional reconnaissance programs for gold and base metals in the Region at various times.

6) I have not visited the KE-HEM Property but I am familiar with the sampling and mapping program in 2011.

Dated at Whitehorse, Yukon this 21st day of June, 2012

Robert W. Stroshein, P.Eng.

APPENDIX B

Statement of Work and Costs – KE & HEM Claims
105O08 & 105O09 - Mayo Mining District

Work Performed:
June 20th-25th 2011: Approximately 15 Silt Samples, 196 Soil or Rock Samples, 5 Days Geological Mapping & Prospecting

Costs Allocation:
Individual receipts to follow, categorized breakdown of expenses are:

Accommodation and Meals	$5,319.94
Assays and Geochem	$8,694.17
Consulting, Management	$5,760.00
Geological and Geophysical Consulting	$6,450.00
Expediting	$90.00
Field Supplies	$424.70
Field Hands	$7,398.08
Transportation, inc Helicopter	$36,271.29
TOTAL:	**$70,408.18**

APPENDIX C **ARCTURUS VENTURES INC.** **KEELE PROJECT**

SOIL SAMPLE LOCATIONS WITH SELECTED ASSAYS

Sample ID	Sample	UTM-East	UTM-North	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Ca (%)	Cu (ppm)	Fe (%)	Mn (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Zn (ppm)	Hg (ppm)
2576110	KEBM001	438145	7047352			0.08	6	30	4.85	1.8	1.16	1270	4.4	0.071	2	18.6	0.02
2575913	KEBM002	437814	7044184	14	0.4	1.02	12	616	0.03	113	6.31	35	12.4	0.295	<1	89.4	0.09
2575914	KEBM003	437842	7044240	14	0.8	1.03	15	342	0.04	31.1	2.11	15	15.1	0.237	1	31.2	0.15
2575915	KEBM004	437889	7044265	10	0.4	1.17	12	357	0.27	63.8	2.75	86	11.1	0.196	1	103	0.06
2575916	KEBM005	437940	7044306	3	0.3	1.82	18	292	0.37	57.1	4.19	762	13.1	0.075	2	155	0.08
2575917	KEBM006	437998	7044335	10	1.1	1.43	22	293	0.34	88	2.9	715	12.6	0.036	4	248	0.2
2575918	KEBM007	438012	7044388	6	0.7	2.01	21	271	0.48	78.1	3.53	529	15.2	0.063	4	218	0.14
2575919	KEBM008	438058	7044436	3	<0.2	1.87	12	179	0.34	30.8	2.73	2020	12.3	0.007	<1	65.6	0.01
2575920	KEBM009	438069	7044491	5	<0.2	1.74	14	180	0.35	24.1	2.58	1670	12.2	0.006	<1	62.1	0.02
2575921	KEBM010	438083	7044551	3	<0.2	1.45	13	157	0.3	36.7	2.06	1340	44.3	0.006	<1	57	0.02
2575922	KEBM011	438084	7044644	1	<0.2	1.91	15	168	0.38	18.2	2.89	1670	12.4	0.008	<1	63.2	0.02
2575923	KEBM012	438123	7044683	1	<0.2	2.4	7	165	0.25	32.5	3.92	1020	14.6	<0.005	<1	75.7	0.01
2575924	KEBM013	438163	7044725	2	<0.2	2.05	12	164	0.22	125	3.27	1530	11	<0.005	<1	70.7	0.01
2575925	KEBM014	438167	7044786	9	<0.2	1.58	12	214	0.52	27.3	2.74	2660	9.9	0.009	<1	82.5	0.02
2575926	KEBM015	438154	7044847	1	<0.2	2.68	4	174	0.14	69.9	4.24	954	15.1	<0.005	<1	86.4	<0.01
2575927	KEBM016	438183	7044900	1	<0.2	2.16	2	289	0.05	12.5	4.26	446	12.7	0.025	<1	87.4	<0.01
2575928	KEBM017	438214	7044920	1	<0.2	1.1	6	36	0.13	29.8	2.57	257	52.9	<0.005	<1	45.5	<0.01
2575929	KEBM018	438206	7044990	2	<0.2	1.62	11	169	0.17	20.6	2.42	1320	19	<0.005	<1	58.9	0.02
2575930	KEBM019	438172	7045048	2	<0.2	1.13	10	165	0.1	27.3	2.37	1880	13.4	<0.005	<1	67	0.02
2575931	KEBM020	438165	7045128	2	<0.2	1.82	8	168	0.21	36.6	3	1520	12.1	<0.005	<1	77	0.02
2575932	KEBM021	438158	7045177	2	<0.2	2.19	2	497	0.02	7.8	4.05	271	4.7	<0.005	<1	85.6	<0.01
2575933	KEBM022	438156	7045204	<0.001	<0.2	1.6	2	192	0.04	4.5	3.82	270	8.7	<0.005	<1	86	<0.01
2575934	KEBM023	438171	7045256	<0.001	<0.2	2.64	3	214	0.05	58.8	4.99	1230	51.8	<0.005	<1	104	<0.01
2575935	KEBM024	438174	7045327	<0.001	<0.2	2.64	2	157	0.04	21.5	4.53	670	10.2	<0.005	<1	99.8	<0.01
2575936	KEBM025	438168	7045398	<0.001	<0.2	2.59	2	140	0.02	41.3	4.49	724	13.6	<0.005	<1	93.7	<0.01
2575937	KEBM026	438182	7045455	<0.001	<0.2	2.82	7	153	0.05	26.7	4.73	375	17.4	<0.005	<1	96.6	<0.01
2575938	KEBM027	438209	7045504	<0.001	<0.2	3	5	149	0.04	16.3	4.97	954	14.2	<0.005	<1	88.4	<0.01
2575939	KEBM028	438238	7045548	<0.001	<0.2	2.81	6	209	0.04	24.5	4.63	355	14.7	<0.005	<1	99	<0.01
2575940	KEBM029	438266	7045605	<0.001	<0.2	1.33	9	156	0.04	30	2.9	711	14.5	<0.005	<1	65.9	0.04
2575941	KEBM030	438308	7045663	<0.001	<0.2	1.39	11	201	0.61	29.8	2.83	1820	14.7	0.172	1	93.8	0.03
2575942	KEBM031	437719	7047343	<0.001	<0.2	2.79	4	273	0.2	25.9	4.68	91	8.6	0.007	<1	64.5	0.02
2575943	KEBM032	437742	7047275	<0.001	<0.2	1.73	6	340	0.41	33.2	2.18	74	8.1	0.009	<1	77.3	0.02
2575944	KEBM033	437744	7047216	<0.001	<0.2	2.64	6	326	1.05	36.3	4.01	100	9	0.017	<1	45.4	0.02
2575945	KEBM034	437751	7047147	<0.001	<0.2	2.96	4	394	0.08	35.6	4.93	65	8.2	0.008	<1	55	0.01
2575946	KEBM035	437776	7047105	<0.001	<0.2	1.64	4	411	0.08	23.5	2.58	87	9	0.007	<1	76.4	0.01
2575947	KEBM036	437796	7047051	7	<0.2	2.23	6	296	0.18	52.7	3.91	111	15.7	0.007	<1	56.5	0.05
2575948	KEBM037	437821	7047008	2	0.5	1.66	15	532	2.09	70.2	3.02	361	17.8	0.047	4	291	0.15
2575949	KEBM038	437819	7046946	16	<0.2	1.73	6	282	0.51	28.5	2.71	137	9.4	0.01	1	85.1	0.02
2575950	KEBM039	437831	7046894	<0.001	<0.2	0.39	6	152	2.36	7.5	3.72	479	1.2	0.062	2	36.7	0.02
2575951	KEBM040	437832	7046844	<0.001	<0.2	2.24	8	249	0.23	24.3	3.79	193	6.5	0.009	<1	87.6	0.05
2575952	KEBM041	437831	7046785	<0.001	<0.2	2.69	3	257	0.05	20.1	4.79	237	13.3	<0.005	<1	79.6	0.01
2575953	KEBM042	437811	7046738	<0.001	<0.2	2.39	2	259	0.04	26.7	3.98	377	19.9	<0.005	<1	83.5	0.02
2575954	KEBM043	437802	7046683	1	<0.2	2.38	9	292	0.39	34.5	3.98	526	18.9	0.019	<1	102	0.05
2575955	KEBM044	437775	7046623	1	0.4	1.79	12	309	2.74	44.7	2.8	683	11.7	0.099	3	204	0.12
2575956	KEBM045	437748	7046583	2	0.3	1.52	8	240	1.68	108	2.52	219	9	0.062	2	123	0.08
2575957	KEBM046	437696	7046535	<0.001	<0.2	1.18	4	278	0.25	29.2	3.1	1400	10.6	0.006	<1	74.6	0.03
2575958	KEBM047	437731	7046499	<0.001	<0.2	1.02	6	231	0.57	27	2.48	1720	17.4	0.01	1	62.2	0.04
2575959	KEBM048	437766	7046460	<0.001	<0.2	0.89	7	267	2.15	20.2	2.79	3170	9.5	0.031	2	63.8	0.02
2575960	KEBM049	437813	7046430	<0.001	<0.2	0.84	4	229	0.15	35.6	1.68	1580	15.2	<0.005	<1	70.3	0.03

APPENDIX C **ARCTURUS VENTURES INC.** **KEELE PROJECT**

SOIL SAMPLE LOCATIONS WITH SELECTED ASSAYS

Sample ID	Sample	UTM-East	UTM-North	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Ca (%)	Cu (ppm)	Fe (%)	Mn (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Zn (ppm)	Hg (ppm)
2575961	KEBM050	437852	7046386	<0.001	<0.2	0.17	12	69	>25		0.54	1910		0.371	6	8.6	0.01
2575962	KEBM051	437868	7046318	5	<0.2	1.88	6	298	0.16	121	3.65	1000	15.7	<0.005	<1	75.2	0.02
2575963	KEBM052	437871	7046256	<0.001	<0.2	1.57	6	230	0.63	18.6	3.6	2650	10.8	0.009	<1	71.7	0.02
2575964	KEBM053	437890	7046205	<0.001	<0.2	1.32	8	214	1.16	33.8	3.64	1320	8	0.031	<1	61.4	0.03
2575965	KEBM054	437873	7046149	<0.001	<0.2	2.04	8	240	0.19	27.8	3.86	498	17.6	0.01	<1	82.5	0.02
2575966	KEBM055	437899	7046102	<0.001	<0.2	2.25	3	212	0.12	25.6	4.08	503	11.8	<0.005	<1	92.3	0.02
2575967	KEBM056	437933	7046046	1	<0.2	1.69	16	204	0.45	38	2.38	2570	13.2	0.011	<1	67.6	0.02
2575968	KEBM057	437969	7046004	13	<0.2	1.56	6	152	0.57	26.7	2.5	1790	14.6	0.009	1	70.2	0.03
2575969	KEBM058	437982	7045964	<0.001	<0.2	2.33	3	170	0.31	74.9	3.86	2070	12.2	0.005	<1	70.8	<0.01
2575970	KEBM059	438012	7045911	<0.001	<0.2	2.05	3	167	0.58	161	3.57	3360	12	0.01	<1	67.8	0.01
2575971	KEBM060	438045	7045869	<0.001	<0.2	1.4	6	181	0.27	25.8	2.55	1870	15.6	0.005	<1	65.3	0.01
2575972	KEBM061	438091	7045811	<0.001	<0.2	1.02	7	162	0.54	29.8	2.47	1830	13.6	0.009	<1	72.4	0.04
2575973	KEBM062	438119	7045748	1	<0.2	1.39	3	171	0.09	24.3	2.78	1600	9.2	<0.005	<1	70.6	0.05
2575974	KEBM063	438142	7045681	1	<0.2	1.95	4	172	0.07	26.1	4	1070	20.8	0.006	<1	89	0.03
2575975	KEBM064	438176	7045635	1	<0.2	2.01	2	184	0.21	34.1	3.69	2030	16.2	<0.005	<1	75.8	0.02
2576036	KEDT001	437701	7047423	<0.001	<0.2	1.46	3	291	0.24	27.6	2.12	105	8.3	0.01	<1	71.4	0.02
2576037	KEDT002	437696	7047524	<0.001	<0.2	1.09	16	264	6.39	32.2	2.5	585	16.4	0.122	4	61.8	0.1
2576038	KEDT003	437694	7047607	<0.001	<0.2	1.22	13	260	2.83	39	3.31	765	17.5	0.072	3	90.5	0.09
2576039	KEDT004	437692	7047687	6	<0.2	0.91	17	187	7.52	25.3	2.23	869	11	0.119	3	53.2	0.05
2576040	KEDT005	437674	7047807	<0.001	<0.2	1.89	7	229	0.32	32.9	3.51	1020	15.8	0.013	<1	81.1	0.02
2576041	KEDT007	437643	7047872	<0.001	<0.2	1.02	13	124	0.23	27.6	1.84	1010	18.2	0.015	<1	77.2	0.04
2576042	KEDT008	437660	7047904	<0.001	<0.2	0.71	22	133	13	27.9	2.24	1700	10	0.187	3	54.2	0.04
2576043	KEDT009	437656	7047922	<0.001	<0.2	1.34	15	119	4.44	35.4	2.61	1600	15.4	0.07	3	66.2	0.05
2576044	KEDT010	437646	7047941	10	<0.2	1.04	15	118	6.52	35.2	2.69	1820	15.3	0.094	3	48.2	0.03
2576045	KEDT011	437618	7047981	<0.001	<0.2	2.15	7	144	0.9	47.8	3.8	1410	20.5	0.015	<1	89.6	0.05
2576046	KEDT012	437555	7048089	<0.001	<0.2	0.6	12	309	>25	5.2	1.2	420	1.1	0.382	6	25.6	0.01
2576047	KEDT014	437491	7048144	1	<0.2	1.59	10	205	1.14	32.3	4.43	1340	16.6	0.046	<1	97.7	0.03
2576048	KEDT015	437518	7048112	<0.001	<0.2	1.66	8	264	1.41	52.3	4.96	1850	14.6	0.034	<1	105	0.02
2576049	KEDT016	437476	7048179	<0.001	<0.2	0.76	11	879	23.1	7.4	1.55	516	4.4	0.348	5	36.2	0.02
2576050	KEDT017	437474	7048220	<0.001	<0.2	0.64	11	138	19.4	9.9	1.67	676	4.8	0.276	3	31.7	0.02
2576051	KEDT018	437477	7048266	<0.001	<0.2	0.15	14	156	>25	1.7	0.72	1120	1.7	0.415	5	19.6	0.03
2576052	KEDT019	437483	7048300	1	<0.2	1.01	10	129	3.12	26.9	2.84	2730	8.6	0.047	2	72.5	0.02
2576053	KEDT020	437483	7048300	<0.001	<0.2	1.44	9	117	1.3	30.8	2.85	1970	17.5	0.018	<1	74.9	0.01
2576054	KEDT021	437483	7048334	5	<0.2	1.52	8	153	1.28	32.5	3.08	2180	22.7	0.019	<1	75.4	0.01
2576055	KEDT022	437484	7048365	7	<0.2	1.29	8	101	1.41	27.6	2.65	1990	16	0.023	<1	67.9	0.01
2576056	KEDT023	437486	7048382	<0.001	<0.2	1.21	9	102	0.97	30.2	2.46	1580	15.9	0.018	<1	74.7	0.01
2576057	KEDT024	437487	7048407	3	<0.2	0.79	8	112	1.19	31.7	3.07	2160	20	0.018	<1	71.9	0.01
2576058	KEDT025	437485	7048429	2	<0.2	0.96	10	100	1.9	31.6	2.58	2050	15.8	0.029	<1	74.7	0.02
2576059	KEDT026	437493	7048467	1	<0.2	0.48	18	98	3.54	29.9	2.21	1690	5.5	0.07	1	61.5	0.03
2576060	KEDT027	437498	7048485	6	<0.2	0.48	17	132	2.99	31.5	2.34	2130	11.4	0.051	2	72.2	0.05
2576061	KEDT028	437510	7048531	<0.001	<0.2	1.44	8	142	1.77	34.7	3.28	2110	18.7	0.024	<1	82.6	0.01
2576062	KEDT029	437510	7048521	1	<0.2	1.68	1	186	0.08	315	3.37	244	46.4	0.108	<1	112	0.01
2576063	KEDT030	437510	7048521	<0.001	<0.2	1.23		257	0.07	12.6	3.72	718	11.2	<0.005	<1	101	0.01
2576064	KEDT031	437510	7048521	2	<0.2	1.73		347	0.02	9.8	4.77	484	8.2	<0.005	<1	108	0.01
2576065	KEDT032	437474	7048845	7	<0.2	1.11		270	0.01	4.4	4.16	720	2.9	<0.005	<1	105	0.04
2576066	KEDT033	437474	7048845	1	<0.2	0.64	2	165	0.01	30.7	4.47	489	11.3	<0.005	<1	92.9	0.02
2576067	KEDT034	437474	7048845	2	0.4	1.66	16	541	6.75	69.2	2.57	229	7.7	0.107	3	161	0.17
2576068	KEDT035	437445	7048964	3	0.4	1.88	17	487	4.73	79.9	3.04	235	8.3	0.082	2	136	0.22
2576069	KEDT036	437407	7049029	44	<0.2	0.88	17	277	4.15	24.3	3.61	390	7.1	0.092	2	87.8	0.12

APPENDIX C **ARCTURUS VENTURES INC.** **KEELE PROJECT**

SOIL SAMPLE LOCATIONS WITH SELECTED ASSAYS

Sample ID	Sample	UTM-East	UTM-North	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Ca (%)	Cu (ppm)	Fe (%)	Mn (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Zn (ppm)	Hg (ppm)
2576070	KEDT037	437316	7049181	3	<0.2	0.59	25	203	9.25	24.9	2.77	1310	22.5	0.146	4	87.1	0.07
2576071	KEDT038	437263	7049258	<0.001	<0.2	0.81	21	228	6.72	26.1	3.47	2380	30.8	0.099	2	66.8	0.06
2576072	KEDT039	437201	7049423	<0.001	<0.2	1.11		215	0.07	19.5	4.33	369	3.8	0.024	<1	91.1	0.03
2576073	KEDT040	437201	7049423	2	<0.2	1.3	1	3790	0.06	25.3	4.32	430	8.3	0.174	<1	94.5	0.03
2576074	KEDT041	437145	7049553	8	<0.2	0.81	14	138	8.6	26.1	5.14	832	9	0.15	1	96.9	0.05
2576075	KEDT042	437059	7049652	<0.001	<0.2	0.51	10	135	19.9	9.4	3.14	697	4.5	0.324	3	81.1	0.08
2576076	KEDT043	437011	7049773	<0.001	<0.2	1.08	13	113	15	13.8	2.92	664	10.2	0.214	3	46.1	0.03
2576077	KEDT044	436964	7049947	2	<0.2	1.78	13	169	0.67	26.3	4.48	724	14.7	0.021	<1	101	0.04
2576078	KEDT045	436897	7050124	1	<0.2	0.64	15	102	22.8	7	1.51	505	4.9	0.345	6	35.7	0.04
2576079	KEDT046	436864	7050280	8	<0.2	0.64	13	80	>25	4.8	1.33	405	3.3	0.398	4	29.9	0.02
2576080	KEDT047	436770	7050445	<0.001	<0.2	1.6	13	140	8.9	21.5	3.97	709	13.1	0.127	1	78.3	0.03
2576081	KEDT048	436751	7050560	1	<0.2	2.67	8	228	0.26	25	5.23	955	16.7	0.079	<1	111	0.05
2576082	KEDT049	436683	7050625	9	<0.2	2.49	5	175	0.18	24.7	5.14	922	17	0.019	<1	118	0.04
2576083	KEDT050	436609	7050713	<0.001	<0.2	2.66	5	190	0.14	23.8	6.42	1930	35.6	0.038	<1	121	0.05
2576084	KEDT051	436561	7050829	<0.001	<0.2	2.5	5	205	0.06	30.5	4.96	732	19	0.016	<1	120	0.03
2576085	KEDT052	436475	7050861	4	<0.2	2.5	2	250	0.05	24	5.71	1280	5.6	<0.005	<1	90.6	0.03
2576086	KEDT053	436406	7050898	6	<0.2	1.51	6	229	0.14	45	3.74	837	11.2	<0.005	<1	113	0.03
2576087	KEDT054	436274	7050897	<0.001	<0.2	2.35	1	215	0.01	6	4.84	844	7.9	0.01	<1	109	0.01
2576088	KEDT055	436155	7050882	<0.001	<0.2	2.45	2	208	0.03	20.6	4.57	517	20.1	0.006	<1	115	0.02
2576089	KEDT056	436083	7050863	<0.001	<0.2	1.34		180	0.01	23.1	4.83	512	23.3	0.005	<1	121	0.01
2576111	KEJB001	438135	7046627	2	<0.2	0.03	10	59	23.2		0.43	106		0.342	4	7	0.02
2576112	KEJB002	438171	7046987	<0.001	<0.2	0.69	9	230	16.1	6.9	4.75	300		0.259	1	30.9	0.04
2576113	KEJB003	438004	7048479	<0.001	<0.2	0.22		30	2.76	2.8	24.1	21700		0.038	<1	63.1	0.01
2576090	KEJB010	437914	7046720	<0.001	0.3	2.11	8	323	0.43	42.4	4.2	530	12.2	0.031	<1	198	0.07
2576091	KEJB011	437988	7046674	<0.001	<0.2	1.8	4	317	0.81	35.4	3.07	193	8.9	0.016	<1	70.2	0.03
2576092	KEJB012	438054	7046638	4	<0.2	1.87	12	276	1.05	31.5	4.34	320	16.5	0.028	<1	102	0.06
2576093	KEJB013	438141	7046611	2	<0.2	0.19	12	116	>25	3.9	0.74	222	1.1	0.402	6	17.5	0.02
2576094	KEJB014	438189	7046672	2	<0.2	0.96	8	147	5.52	27.7	2.49	1650	11.4	0.087	2	70.7	0.03
2576095	KEJB015	438237	7046718	3	<0.2	0.84	8	289	3.31	31.5	3.11	625	13	0.113	2	118	0.1
2576096	KEJB016	438293	7046767	3	<0.2	0.86	11	115	2.01	25.9	2.65	1730	9.4	0.031	1	68.8	0.04
2576097	KEJB017	438342	7046816	2	<0.2	1.78	2	420	0.07	42.7	4.26	604	9.7	0.006	<1	126	0.06
2576098	KEJB018	438419	7046890	2	<0.2	0.85		176	0.05	2.4	4.26	759	14.6	<0.005	<1	79.8	0.02
2576099	KEJB019	438565	7046936	9	<0.2	1.29	1	2610	0.04	3.2	4.22	292	6.6	0.056	<1	90.1	0.02
2576100	KEJB020	438648	7046985	<0.001	<0.2	0.92	2	245	0.24	85.6	3.87	719	28.7	0.012	<1	97.5	0.03
2576101	KEJB021	438681	7047085	<0.001	<0.2	1.27		915	0.08	19.5	4.09	698	21.1	0.021	<1	99.5	0.01
2576102	KEJB022	438751	7047134	2	<0.2	1.24	2	833	0.03	23.1	4.31	661	15.4	0.03	<1	108	<0.01
2576103	KEJB023	438795	7047163	3	<0.2	0.3	12	152	18.1	13.2	1.58	206	7.8	0.31	5	34.1	0.14
2576104	KEJB024	438839	7047189	7	<0.2	0.36	9	248	10.3	28.4	1.85	895	9.1	0.159	3	36.1	0.04
2576105	KEJB025	438875	7047232	<0.001	<0.2	0.46	9	288	4.13	26.9	2.43	1460	8.7	0.069	2	71.3	0.03
2576106	KEJB026	438899	7047278	5	<0.2	1	9	884	1.78	49.1	3.02	392	8.1	0.1	1	99.1	0.13
2576107	KEJB027	438936	7047312	<0.001	<0.2	1.09	8	414	1.5	55.7	3.34	424	10.3	0.056	<1	105	0.12
2576108	KEJB028	438978	7047343	2	<0.2	1.2	9	399	0.6	44.3	3.79	389	10.9	0.026	<1	101	0.12
2576109	KEJB029	439004	7047351	1	<0.2	1.28	9	359	1.11	36.2	3.67	529	12.4	0.04	<1	98.2	0.05
2575990	KEKL008	437745	7047447	<0.001	<0.2	0.93	12	224	6.98	26.8	2.72	226	16.8	0.333	3	71.3	0.19
2575991	KEKL009	437781	7047468	4	<0.2	1.28	16	258	4.36	30.8	2.99	243	18.1	0.136	2	78	0.1
2575992	KEKL010	437814	7047491	<0.001	<0.2	0.83	16	179	9.98	25.5	2.16	600	14	0.173	4	48.4	0.09
2575993	KEKL011	437840	7047507	9	<0.2	1.05	18	153	8.81	24.6	2.06	1010	23.8	0.146	3	49.3	0.04
2575994	KEKL012	437891	7047545	<0.001	<0.2	1.45	13	181	6.38	29.5	2.56	1380	15	0.095	3	44.9	0.03
2587187	KEKL013	437943	7047588	<0.001	<0.2	1.28	9	281	0.44	32.8	3.92	1610	15.2	0.026	<1	101	0.04

APPENDIX C **ARCTURUS VENTURES INC.** **KEELE PROJECT**

SOIL SAMPLE LOCATIONS WITH SELECTED ASSAYS

Sample ID	Sample	UTM-East	UTM-North	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Ca (%)	Cu (ppm)	Fe (%)	Mn (ppm)	Pb (ppm)	S (%)	Sb (ppm)	Zn (ppm)	Hg (ppm)
2575995	KEKL014	437999	7047622	2	<0.2	1.6	10	300	0.44	34.5	3.46	1230	16	0.029	<1	91.5	0.05
2575996	KEKL015	438045	7047664	<0.001	<0.2	1.68	3	435	0.16	51.3	3.82	1360	13.4	0.007	<1	84.4	<0.01
2575997	KEKL016	438091	7047686	<0.001	<0.2	2.27	3	328	0.12	27.2	3.89	1710	10	<0.005	<1	97.7	<0.01
2575998	KEKL017	438131	7047709	<0.001	<0.2	1.53	3	251	0.19	9.3	4.12	644	18	<0.005	<1	79.1	<0.01
2575999	KEKL018	438167	7047732	<0.001	<0.2	1.53	2	414	0.13	77.3	3.72	1040	17.2	0.007	<1	84	<0.01
2576001	KEKL019	438196	7047770	<0.001	<0.2	1.52	2	682	0.16	30.2	3.79	752	13	0.013	<1	87.8	0.01
2576002	KEKL020	438256	7047801	<0.001	<0.2	1.12	2	347	0.04	45.6	3.71	1530	17.7	<0.005	<1	83.9	0.01
2576003	KEKL021	438296	7047829	<0.001	<0.2	1.81	2	430	0.04	11.1	3.94	990	7.4	<0.005	<1	89.5	0.01
2576004	KEKL022	438328	7047876	<0.001	0.4	0.99	16	279	0.68	45.3	3.28	627	11.8	0.048	2	111	0.05
2576005	KEKL023	438350	7047914	<0.001	<0.2	0.83	15	287	5.09	33.8	3.18	1050	11.4	0.092	2	72.7	0.04
2576006	KEKL024	438363	7047963	3	1.2	1.49	18	626	0.98	142	2.88	177	14.5	0.048	4	298	0.27
2576007	KEKL025	438376	7048025	<0.001	0.8	1.13	13	705	0.61	73.6	3.12	341	12.3	0.052	4	321	0.29
2576008	KEKL026	438384	7048089	7	0.6	0.55	12	429	0.07	29	4.22	435	20.5	0.016	2	61.4	0.38
2576009	KEKL027	438454	7048128	<0.001	0.8	1.22	18	589	0.8	88.2	3.81	309	12.9	0.067	5	255	0.51
2576010	KEKL028	438504	7048155	<0.001	0.9	1.02	12	889	0.31	54	2.96	440	13.4	0.027	3	325	0.28
2576011	KEKL029	438566	7048184	2	<0.2	1.01	9	371	0.12	32.8	2.8	162	15.7	0.032	2	117	0.07
2576012	KEKL030	438623	7048208	<0.001	<0.2	1.86	12	560	0.49	32.8	3.3	287	19.4	0.025	1	101	0.08
2576013	KEKL031	438662	7048245	<0.001	<0.2	1.37	10	375	0.21	33.1	3.27	385	16.1	0.042	<1	99.1	0.05
2576014	KEKL032	438695	7048288	1	<0.2	0.71	18	273	8.98	26.1	2.48	499	14.6	0.13	3	42.6	0.05
2576015	KEKL033	438735	7048321	7	<0.2	0.8	14	335	5.73	25.3	3.34	703	14.8	0.092	3	54.9	0.06
2576016	KEKL034	438779	7048347	<0.001	<0.2	0.75	16	260	11.4	18.2	2.45	821	10.1	0.18	4	37.3	0.04
2576018	KEKL035	438815	7048382	1	<0.2	0.53	21	204	15.4	13.2	1.5	333	8.5	0.218	5	35.3	0.08
2576019	KEKL036	438849	7048418	<0.001	<0.2	0.33	17	138	16.9	8.3	0.91	349	4.2	0.258	5	20.1	0.05
2576020	KEKL037	438912	7048419	<0.001	<0.2	0.66	29	227	7.22	26.1	2.39	1660	15.9	0.109	4	68.4	0.07
2576021	KEKL038	438961	7048437	<0.001	<0.2	0.73	23	144	5.28	24.9	2.43	2080	10.7	0.075	3	58.8	0.06
2576022	KEKL039	439011	7048451	7	<0.2	0.74	20	177	0.42	35.3	2.93	1870	12.9	0.016	1	79.1	0.03
2576023	KEKL040	439055	7048474	<0.001	<0.2	0.86	15	233	1.39	35.2	3.12	1500	16.6	0.045	2	75.7	0.04
2576024	KEKL041	439100	7048478	<0.001	<0.2	0.99	8	229	0.87	73.8	3.84	1350	23.8	0.033	<1	92.9	0.02
2576025	KEKL042	439156	7048486	<0.001	<0.2	0.9	7	420	0.86	29.9	3.24	1220	12.4	0.018	1	71.7	0.02
2576026	KEKL043	439212	7048477	<0.001	<0.2	1.11	5	381	0.12	29.6	3.16	925	12.8	<0.005	<1	75.9	0.01
2576027	KEKL044	439260	7048474	<0.001	<0.2	0.98	4	366	0.1	30.3	3.55	1000	13.2	0.008	<1	83.3	0.02
2576028	KEKL045	439325	7048498	6	<0.2	0.76	16	436	2.41	30.1	2.89	1030	16.6	0.062	3	76.4	0.09
2576029	KEKL046	439369	7048517	<0.001	<0.2	0.81	19	351	1.75	38.5	3.06	1900	19.7	0.049	2	88.2	0.06
2576030	KEKL047	439416	7048527	<0.001	<0.2	0.9	8	300	0.34	44.1	3.54	1340	16.5	0.009	<1	89.6	0.04
2576031	KEKL048	439462	7048539	<0.001	<0.2	1.11	8	405	0.22	58.6	3.63	1330	16.7	0.011	<1	89.6	0.04
2576032	KEKL049	439522	7048547	3	<0.2	0.81	17	375	0.42	35.6	3.82	1310	20.7	0.031	2	104	0.25
2576034	KEKL050	439584	7048584	6	<0.2	0.89	12	329	0.79	32.8	2.84	1180	13.8	0.061	2	83.1	0.15
2576035	KEKL051	439539	7048709	<0.001	0.3	0.89	11	302	0.58	32.2	2.83	1260	16	0.06	2	113	0.14
2575976	KEPE006	437707	7047402	<0.001	<0.2	0.92	12	193	12.8	22.2	1.8	264	11.5	0.187	4	42.9	0.09
2575977	KEPE007	437559	7047466	<0.001	<0.2	0.38	21	113	14.5	20.4	1.89	366	10.2	0.227	4	45.8	0.09
2575978	KEPE008	437511	7047525	1	<0.2	2.03	8	128	1.13	38.8	3.65	988	11	0.015	<1	80.2	0.02
2575979	KEPE009	437475	7047577	<0.001	<0.2	1.26	2	764	0.28	27.3	1.98	696	10.1	0.016	<1	80.6	<0.01
2575980	KEPE010	437442	7047611	3	<0.2	2.08	5	174	0.12	42.1	3.94	635	13.8	0.008	<1	89.2	<0.01
2575982	KEPE011	437340	7047667	<0.001	<0.2	1.4	5	225	0.34	31.5	3.62	1020	12.9	0.024	<1	77.8	0.02
2575983	KEPE012	437285	7047684	6	<0.2	1.22	1	562	0.12	25.8	2.07	1210	9.6	0.009	<1	85.9	0.01
2575984	KEPE013	437215	7047696	<0.001	<0.2	1.47	10	226	0.53	27.2	3.1	1210	10.7	0.013	<1	75.9	0.02
2575985	KEPE014	437078	7047716	<0.001	<0.2	1.47	12	185	3.65	34.4	3.18	1100	12.5	0.057	1	69.7	0.04
2575986	KEPE015	436987	7047737	<0.001	<0.2	0.5	22	114	12	23.4	1.91	199	13.5	0.174	4	46	0.11
2575987	KEPE016	436923	7047746	<0.001	<0.2	0.62	17	122	12.7	16.9	1.92	1140	21.1	0.18	4	103	0.15

APPENDIX C
SILT SAMPLE LOCATIONS WITH SELECTED ASSAYS

ARCTURUS VENTURES INC.

KEELE PROJECT

Name	UTM-East	UTM-North	Au (ppb)	Ag (ppm)	As (ppm)	Bi (ppm)	Cu (ppm)	Fe (%)	Hg (ppm)	Pb (ppm)	Sb (ppm)	Tl (ppm)	W (ppm)	Zn (ppm)
105O09 100	439588	7046208	1.88	0.11	22.9	1.77	35.4	2.27	0.02	11.1	0.98	0.34	4.58	87.5
105O09 101	440075	7047428	0.67	0.22	15.9	0.42	46	3.72	0.05	21.2	1.25	0.08	0.44	145
105O09 103	439693	7046734	1.17	0.21	24.2	0.48	46.1	2.71	0.03	18.4	1.77	0.19	0.55	117
105O09 104	439778	7050515	14.4	0.09	123	0.43	40.1	5.1	0.08	24.3	4.32	0.06	0.85	146
105O09 105	438598	7050693	0.9	0.11	13.9	0.35	33.7	3.52	0.08	22.1	1.04	0.06	0.08	132
105O09 106	438537	7050705	0.5	0.07	11.8	0.32	24	3.84	0.05	20.6	0.68	0.06	0.19	144
105O09 107	438434	7050754	1.12	0.11	14.4	0.39	30.3	3.79	0.06	20.4	1.03	0.06	0.1	132
105O09 200	436643	7044520	1.39	0.28	54.7	0.57	48.1	3.73	0.06	19.8	2.1	0.24	0.56	114
105O09 201	436458	7044811	0.31	0.69	23.2	0.3	107	4.08	0.09	19.5	3.66	0.18	0.08	282
105O09 202	436399	7045035	1.07	0.11	8.6	0.65	46.3	4.2	0.02	25.6	0.48	0.05	0.21	116
105O09 203	436212	7045356	1.01	0.24	46.6	0.52	45.2	3.68	0.04	19.8	1.73	0.2	0.43	113
105O09 204	436095	7045446	0.3	0.3	11.6	0.39	52.5	3.69	0.06	23.8	1.11	0.08		145
105O09 205	435464	7045852	0.24	0.09	7.8	0.2	23.2	2.55	0.02	10.1	0.42	0.06	0.12	75.6
105O09 206	434213	7047875	0.61	0.08	14.5	0.4	41.4	4.7	0.05	26	0.66	0.07	0.53	124
105O09 901	432613	7049813	1.09	0.1	10.4	0.35	31.5	4.07	0.06	24.5	0.56	0.05	0.16	117

APPENDIX D

AGAT LABORATORIES

ASSAY CERTIFICATES

KEELE PROJECT
KE CLAIMS

MAYO MINING DISTRICT

NTS MAP SHEET

105O 08/09

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: 11Y514309

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

DATE REPORTED: Aug 17, 2011

PAGES (INCLUDING COVER): 38

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

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

Certificate of Analysis

AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEBM002	0.4	1.02	12	16	616	0.8	<1	0.03	<0.5	52	1.7	36.2	113	6.31
KEBM003	0.8	1.03	15	12	342	0.6	<1	0.04	<0.5	46	<0.5	39.0	31.1	2.11
KEBM004	0.4	1.17	12	11	357	0.8	<1	0.27	<0.5	53	3.3	32.1	63.8	2.75
KEBM005	0.3	1.82	18	15	292	1.2	<1	0.37	0.6	71	18.1	33.3	57.1	4.19
KEBM006	1.1	1.43	22	14	293	1.0	<1	0.34	1.5	51	19.2	48.4	88.0	2.90
KEBM007	0.7	2.01	21	17	271	1.2	<1	0.48	1.6	65	11.3	38.7	78.1	3.53
KEBM008	<0.2	1.87	12	12	179	1.1	<1	0.34	<0.5	66	9.0	46.7	30.8	2.73
KEBM009	<0.2	1.74	14	10	180	1.0	<1	0.35	<0.5	65	8.1	41.0	24.1	2.58
KEBM010	<0.2	1.45	13	9	157	0.9	<1	0.30	<0.5	64	7.2	50.7	36.7	2.06
KEBM011	<0.2	1.91	15	10	168	1.0	<1	0.38	<0.5	69	9.1	41.7	18.2	2.89
KEBM012	<0.2	2.40	7	10	165	1.2	<1	0.25	<0.5	70	14.1	35.6	32.5	3.92
KEBM013	<0.2	2.05	12	11	164	1.2	<1	0.22	<0.5	37	10.3	34.7	125	3.27
KEBM014	<0.2	1.58	12	11	214	1.2	<1	0.52	<0.5	38	11.8	36.6	27.3	2.74
KEBM015	<0.2	2.68	4	12	174	1.4	<1	0.14	<0.5	19	16.7	35.0	69.9	4.24
KEBM016	<0.2	2.16	2	9	289	1.4	<1	0.05	<0.5	21	17.7	30.2	12.5	4.26
KEBM017	<0.2	1.10	6	<5	36	<0.5	<1	0.13	<0.5	7	3.9	191	29.8	2.57
KEBM018	<0.2	1.62	11	8	169	0.9	<1	0.17	<0.5	15	7.9	44.5	20.6	2.42
KEBM019	<0.2	1.13	10	8	165	0.9	<1	0.10	<0.5	16	8.3	49.7	27.3	2.37
KEBM020	<0.2	1.82	8	9	168	1.0	<1	0.21	<0.5	17	8.3	45.9	36.6	3.00
KEBM021	<0.2	2.19	2	10	497	1.3	<1	0.02	<0.5	23	16.9	28.2	7.8	4.05
KEBM022	<0.2	1.60	2	10	192	1.5	<1	0.04	<0.5	23	17.6	26.1	4.5	3.82
KEBM023	<0.2	2.64	3	11	214	1.3	<1	0.05	<0.5	29	20.6	32.0	58.8	4.99
KEBM024	<0.2	2.64	2	9	157	1.4	<1	0.04	<0.5	26	16.1	30.1	21.5	4.53
KEBM025	<0.2	2.59	2	8	140	1.4	<1	0.02	<0.5	26	18.7	29.2	41.3	4.49
KEBM026	<0.2	2.82	7	7	153	1.4	<1	0.05	<0.5	28	15.6	34.6	26.7	4.73
KEBM027	<0.2	3.00	5	10	149	1.2	<1	0.04	<0.5	28	19.3	61.6	16.3	4.97
KEBM028	<0.2	2.81	6	12	209	1.2	<1	0.04	<0.5	31	16.5	61.7	24.5	4.63
KEBM029	<0.2	1.33	9	10	156	0.9	<1	0.04	<0.5	13	7.3	62.1	30.0	2.90
KEBM030	<0.2	1.39	11	10	201	1.0	<1	0.61	<0.5	27	9.8	59.5	29.8	2.83
KEBM031	<0.2	2.79	4	14	273	0.7	<1	0.20	<0.5	24	8.4	71.9	25.9	4.68
KEBM032	<0.2	1.73	6	13	340	0.8	<1	0.41	<0.5	22	5.7	66.2	33.2	2.18
KEBM033	<0.2	2.64	6	14	326	0.9	<1	1.05	<0.5	37	10.8	56.5	36.3	4.01

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

Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEBM034	<0.2	2.96	4	15	394	0.8	<1	0.08	<0.5	40	14.9	77.4	35.6	4.93
KEBM035	<0.2	1.64	4	11	411	0.7	<1	0.08	<0.5	39	6.4	57.1	23.5	2.58
KEBM036	<0.2	2.23	6	14	296	0.8	<1	0.18	<0.5	27	14.7	94.0	52.7	3.91
KEBM037	0.5	1.66	15	20	532	1.1	<1	2.09	1.7	66	8.2	89.2	70.2	3.02
KEBM038	<0.2	1.73	6	13	282	0.7	<1	0.51	<0.5	38	6.4	69.4	28.5	2.71
KEBM039	<0.2	0.39	6	8	152	<0.5	<1	2.36	<0.5	18	2.5	60.6	7.5	3.72
KEBM040	<0.2	2.24	8	11	249	0.7	<1	0.23	<0.5	20	9.0	77.1	24.3	3.79
KEBM041	<0.2	2.69	3	12	257	0.8	<1	0.05	<0.5	27	14.1	78.7	20.1	4.79
KEBM042	<0.2	2.39	2	10	259	0.9	<1	0.04	<0.5	24	16.3	56.0	26.7	3.98
KEBM043	<0.2	2.38	9	13	292	1.0	<1	0.39	<0.5	38	14.0	59.6	34.5	3.98
KEBM044	0.4	1.79	12	17	309	0.9	<1	2.74	1.4	50	7.3	82.7	44.7	2.80
KEBM045	0.3	1.52	8	11	240	0.7	<1	1.68	<0.5	35	5.1	54.9	108	2.52
KEBM046	<0.2	1.18	4	8	278	0.8	<1	0.25	<0.5	31	8.3	73.0	29.2	3.10
KEBM047	<0.2	1.02	6	8	231	0.7	<1	0.57	<0.5	38	7.1	65.1	27.0	2.48
KEBM048	<0.2	0.89	7	10	267	0.9	<1	2.15	<0.5	43	8.3	30.7	20.2	2.79
KEBM049	<0.2	0.84	4	7	229	0.9	<1	0.15	<0.5	43	6.1	29.3	35.6	1.68
KEBM050	<0.2	0.17	12	<5	69	<0.5	<1	>25	<0.5	22	1.9	4.5	<0.5	0.54
KEBM051	<0.2	1.88	6	9	298	1.0	<1	0.16	<0.5	24	14.7	48.7	121	3.65
KEBM052	<0.2	1.57	6	9	230	1.1	<1	0.63	<0.5	22	12.9	27.0	18.6	3.60
KEBM053	<0.2	1.32	8	9	214	0.8	<1	1.16	<0.5	28	7.5	33.3	33.8	3.64
KEBM054	<0.2	2.04	8	10	240	1.2	<1	0.19	<0.5	20	15.2	39.7	27.8	3.86
KEBM055	<0.2	2.25	3	10	212	1.2	<1	0.12	<0.5	15	16.3	34.8	25.6	4.08
KEBM056	<0.2	1.69	16	10	204	1.1	<1	0.45	<0.5	14	21.3	50.8	38.0	2.38
KEBM057	<0.2	1.56	6	8	152	0.8	<1	0.57	<0.5	19	7.6	43.0	26.7	2.50
KEBM058	<0.2	2.33	3	10	170	1.0	<1	0.31	<0.5	14	9.0	47.1	74.9	3.86
KEBM059	<0.2	2.05	3	9	167	0.8	<1	0.58	<0.5	12	8.5	42.4	161	3.57
KEBM060	<0.2	1.40	6	5	181	0.7	<1	0.27	<0.5	13	8.5	51.2	25.8	2.55
KEBM061	<0.2	1.02	7	<5	162	0.7	<1	0.54	<0.5	12	6.6	37.8	29.8	2.47
KEBM062	<0.2	1.39	3	<5	171	0.8	<1	0.09	<0.5	12	8.2	41.6	24.3	2.78
KEBM063	<0.2	1.95	4	<5	172	1.0	<1	0.07	<0.5	17	16.6	38.2	26.1	4.00
KEBM064	<0.2	2.01	2	<5	184	1.1	<1	0.21	<0.5	11	13.8	36.0	34.1	3.69
KEPE006	<0.2	0.92	12	<5	193	<0.5	<1	12.8	<0.5	33	7.5	21.2	22.2	1.80

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEPE007	<0.2	0.38	21	6	113	<0.5	<1	14.5	<0.5	20	6.8	17.4	20.4	1.89
KEPE008	<0.2	2.03	8	<5	128	0.9	<1	1.13	<0.5	12	10.0	34.6	38.8	3.65
KEPE009	<0.2	1.26	2	<5	764	1.1	<1	0.28	<0.5	13	17.0	17.8	27.3	1.98
KEPE010	<0.2	2.08	5	<5	174	1.0	<1	0.12	<0.5	14	15.8	31.8	42.1	3.94
KEPE011	<0.2	1.40	5	<5	225	0.9	<1	0.34	<0.5	16	17.7	29.0	31.5	3.62
KEPE012	<0.2	1.22	1	<5	562	1.1	<1	0.12	<0.5	15	17.7	30.4	25.8	2.07
KEPE013	<0.2	1.47	10	<5	226	0.9	<1	0.53	<0.5	13	10.3	38.3	27.2	3.10
KEPE014	<0.2	1.47	12	<5	185	0.7	<1	3.65	<0.5	16	8.7	32.7	34.4	3.18
KEPE015	<0.2	0.50	22	<5	114	<0.5	<1	12.0	<0.5	19	7.7	22.7	23.4	1.91
KEPE016	<0.2	0.62	17	<5	122	<0.5	<1	12.7	<0.5	19	6.1	37.3	16.9	1.92
KEPE017	0.4	1.32	17	8	237	1.2	<1	0.39	<0.5	30	9.7	33.3	40.5	3.65
KEPE018	<0.2	1.43	13	6	284	0.8	<1	0.87	<0.5	22	9.1	73.2	26.3	3.22
KEKL008	<0.2	0.93	12	11	224	0.6	<1	6.98	<0.5	18	9.1	35.2	26.8	2.72
KEKL009	<0.2	1.28	16	13	258	0.8	<1	4.36	<0.5	20	10.4	39.2	30.8	2.99
KEKL010	<0.2	0.83	16	10	179	0.5	<1	9.98	<0.5	20	9.3	38.0	25.5	2.16
KEKL011	<0.2	1.05	18	9	153	0.6	<1	8.81	<0.5	20	10.2	64.2	24.6	2.06
KEKL012	<0.2	1.45	13	8	181	0.7	<1	6.38	<0.5	21	9.0	38.8	29.5	2.56
KEKL014	<0.2	1.60	10	7	300	1.1	<1	0.44	<0.5	24	15.8	48.2	34.5	3.46
KEKL015	<0.2	1.68	3	8	435	1.3	<1	0.16	<0.5	26	17.0	45.2	51.3	3.82
KEKL016	<0.2	2.27	3	8	328	1.2	<1	0.12	<0.5	28	18.7	38.7	27.2	3.89
KEKL017	<0.2	1.53	3	8	251	1.4	<1	0.19	<0.5	28	16.7	53.1	9.3	4.12
KEKL018	<0.2	1.53	2	7	414	1.3	<1	0.13	<0.5	27	17.6	37.3	77.3	3.72
KEKL019	<0.2	1.52	2	7	682	1.3	<1	0.16	<0.5	25	17.4	34.1	30.2	3.79
KEKL020	<0.2	1.12	2	7	347	1.2	<1	0.04	<0.5	30	17.9	25.7	45.6	3.71
KEKL021	<0.2	1.81	2	7	430	1.2	<1	0.04	<0.5	34	20.0	31.9	11.1	3.94
KEKL022	0.4	0.99	16	8	279	1.2	<1	0.68	<0.5	24	11.3	27.3	45.3	3.28
KEKL023	<0.2	0.83	15	7	287	0.8	<1	5.09	<0.5	21	10.3	26.2	33.8	3.18
KEKL024	1.2	1.49	18	13	626	0.9	<1	0.98	1.4	25	9.1	49.6	142	2.88
KEKL025	0.8	1.13	13	10	705	1.0	<1	0.61	2.0	21	11.1	31.5	73.6	3.12
KEKL026	0.6	0.55	12	8	429	0.8	<1	0.07	<0.5	19	14.9	36.8	29.0	4.22
KEKL027	0.8	1.22	18	17	589	0.9	<1	0.80	2.7	29	15.4	32.8	88.2	3.81
KEKL028	0.9	1.02	12	11	889	0.9	<1	0.31	2.0	32	10.1	38.7	54.0	2.96

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
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AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEKL029	<0.2	1.01	9	11	371	0.6	<1	0.12	<0.5	38	8.6	30.9	32.8	2.80
KEKL030	<0.2	1.86	12	18	560	1.1	<1	0.49	<0.5	49	14.2	51.0	32.8	3.30
KEKL031	<0.2	1.37	10	9	375	0.8	<1	0.21	<0.5	47	10.5	37.3	33.1	3.27
KEKL032	<0.2	0.71	18	11	273	0.6	<1	8.98	<0.5	37	10.5	20.6	26.1	2.48
KEKL033	<0.2	0.80	14	14	335	0.9	<1	5.73	<0.5	35	11.5	16.3	25.3	3.34
KEKL034	<0.2	0.75	16	14	260	0.6	<1	11.4	<0.5	34	7.3	16.2	18.2	2.45
KEKL035	<0.2	0.53	21	9	204	<0.5	<1	15.4	<0.5	24	5.0	22.2	13.2	1.50
KEKL036	<0.2	0.33	17	7	138	<0.5	<1	16.9	<0.5	20	3.1	46.5	8.3	0.91
KEKL037	<0.2	0.66	29	8	227	0.6	<1	7.22	<0.5	22	9.8	44.3	26.1	2.39
KEKL038	<0.2	0.73	23	8	144	0.7	<1	5.28	<0.5	22	8.3	36.3	24.9	2.43
KEKL039	<0.2	0.74	20	6	177	0.9	<1	0.42	<0.5	23	11.3	29.4	35.3	2.93
KEKL040	<0.2	0.86	15	6	233	1.0	<1	1.39	<0.5	23	10.5	37.1	35.2	3.12
KEKL041	<0.2	0.99	8	8	229	1.2	<1	0.87	<0.5	24	18.3	25.4	73.8	3.84
KEKL042	<0.2	0.90	7	6	420	1.0	<1	0.86	<0.5	23	10.4	24.0	29.9	3.24
KEKL043	<0.2	1.11	5	8	381	1.0	<1	0.12	<0.5	27	14.7	25.6	29.6	3.16
KEKL044	<0.2	0.98	4	6	366	1.1	<1	0.10	<0.5	25	16.1	22.5	30.3	3.55
KEKL045	<0.2	0.76	16	8	436	1.0	<1	2.41	<0.5	21	10.1	26.6	30.1	2.89
KEKL046	<0.2	0.81	19	8	351	0.9	<1	1.75	<0.5	20	16.6	25.0	38.5	3.06
KEKL047	<0.2	0.90	8	9	300	1.0	<1	0.34	<0.5	18	16.2	25.1	44.1	3.54
KEKL048	<0.2	1.11	8	10	405	1.0	<1	0.22	<0.5	18	15.4	26.4	58.6	3.63
KEKL049	<0.2	0.81	17	9	375	1.2	<1	0.42	<0.5	18	16.6	25.2	35.6	3.82
KEKL050	<0.2	0.89	12	7	329	0.8	<1	0.79	<0.5	20	9.0	28.4	32.8	2.84
KEKL051	0.3	0.89	11	6	302	1.0	<1	0.58	<0.5	20	12.4	25.0	32.2	2.83
KEDT001	<0.2	1.46	3	9	291	0.6	<1	0.24	<0.5	25	3.2	40.6	27.6	2.12
KEDT002	<0.2	1.09	16	11	264	0.8	<1	6.39	<0.5	22	10.2	39.3	32.2	2.50
KEDT003	<0.2	1.22	13	8	260	0.9	<1	2.83	<0.5	18	16.2	30.8	39.0	3.31
KEDT004	<0.2	0.91	17	8	187	0.6	<1	7.52	<0.5	18	8.4	24.1	25.3	2.23
KEDT005	<0.2	1.89	7	7	229	1.1	<1	0.32	<0.5	18	14.7	38.1	32.9	3.51
KEDT007	<0.2	1.02	13	<5	124	0.8	<1	0.23	<0.5	17	10.2	40.2	27.6	1.84
KEDT008	<0.2	0.71	22	7	133	0.5	<1	13.0	<0.5	19	9.0	20.9	27.9	2.24
KEDT009	<0.2	1.34	15	5	119	0.9	<1	4.44	<0.5	18	10.4	29.5	35.4	2.61
KEDT010	<0.2	1.04	15	6	118	0.7	<1	6.52	<0.5	17	8.4	24.6	35.2	2.69

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Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEDT011	<0.2	2.15	7	6	144	1.1	<1	0.90	<0.5	21	16.6	39.2	47.8	3.80
KEDT012	<0.2	0.60	12	5	309	<0.5	2	>25	<0.5	21	4.7	9.2	5.2	1.20
KEDT014	<0.2	1.59	10	<5	205	1.3	<1	1.14	<0.5	27	19.6	24.4	32.3	4.43
KEDT015	<0.2	1.66	8	6	264	1.1	<1	1.41	<0.5	24	20.9	30.6	52.3	4.96
KEDT016	<0.2	0.76	11	6	879	<0.5	3	23.1	<0.5	20	6.0	22.5	7.4	1.55
KEDT017	<0.2	0.64	11	6	138	<0.5	<1	19.4	<0.5	19	5.1	18.7	9.9	1.67
KEDT018	<0.2	0.15	14	<5	156	<0.5	1	>25	<0.5	18	2.4	12.7	1.7	0.72
KEDT019	<0.2	1.01	10	7	129	0.8	<1	3.12	<0.5	21	8.9	43.8	26.9	2.84
KEDT020	<0.2	1.44	9	5	117	0.9	<1	1.30	<0.5	21	10.2	39.2	30.8	2.85
KEDT021	<0.2	1.52	8	6	153	0.9	<1	1.28	<0.5	19	10.6	46.3	32.5	3.08
KEDT022	<0.2	1.29	8	<5	101	0.8	<1	1.41	<0.5	18	9.0	41.8	27.6	2.65
KEDT023	<0.2	1.21	9	5	102	0.8	<1	0.97	<0.5	19	9.6	35.7	30.2	2.46
KEDT024	<0.2	0.79	8	<5	112	0.8	<1	1.19	<0.5	16	9.6	30.8	31.7	3.07
KEDT025	<0.2	0.96	10	<5	100	0.8	<1	1.90	<0.5	19	8.6	35.4	31.6	2.58
KEDT026	<0.2	0.48	18	<5	98	0.7	<1	3.54	<0.5	18	8.3	19.7	29.9	2.21
KEDT027	<0.2	0.48	17	<5	132	0.6	<1	2.99	<0.5	16	9.8	19.9	31.5	2.34
KEDT028	<0.2	1.44	8	<5	142	0.9	<1	1.77	<0.5	17	10.0	33.8	34.7	3.28
KEDT029	<0.2	1.68	1	<5	186	1.3	<1	0.08	<0.5	20	22.4	26.8	315	3.37
KEDT030	<0.2	1.23	<1	<5	257	1.2	<1	0.07	<0.5	25	18.8	26.3	12.6	3.72
KEDT031	<0.2	1.73	<1	5	347	1.2	<1	0.02	<0.5	27	18.4	28.7	9.8	4.77
KEDT032	<0.2	1.11	<1	5	270	1.2	<1	0.01	<0.5	24	20.6	20.3	4.4	4.16
KEDT033	<0.2	0.64	2	<5	165	1.0	<1	0.01	<0.5	24	17.0	12.1	30.7	4.47
KEDT034	0.4	1.66	16	22	541	1.0	<1	6.75	<0.5	108	5.6	37.2	69.2	2.57
KEDT035	0.4	1.88	17	20	487	1.1	<1	4.73	<0.5	80	6.3	47.6	79.9	3.04
KEDT036	<0.2	0.88	17	11	277	1.3	<1	4.15	<0.5	20	10.3	15.3	24.3	3.61
KEDT037	<0.2	0.59	25	<5	203	0.9	<1	9.25	<0.5	20	11.2	29.4	24.9	2.77
KEDT038	<0.2	0.81	21	<5	228	0.9	<1	6.72	<0.5	29	11.5	49.9	26.1	3.47
KEDT039	<0.2	1.11	<1	<5	215	1.5	<1	0.07	<0.5	27	18.5	19.4	19.5	4.33
KEDT040	<0.2	1.30	1	<5	3790	1.4	<1	0.06	<0.5	27	18.9	27.4	25.3	4.32
KEDT041	<0.2	0.81	14	6	138	0.9	<1	8.60	<0.5	24	12.2	18.6	26.1	5.14
KEDT042	<0.2	0.51	10	7	135	<0.5	<1	19.9	<0.5	22	6.6	12.0	9.4	3.14
KEDT043	<0.2	1.08	13	<5	113	0.7	<1	15.0	<0.5	25	8.1	30.1	13.8	2.92

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

Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEDT044	<0.2	1.78	13	<5	169	1.1	<1	0.67	<0.5	33	16.9	79.0	26.3	4.48
KEDT045	<0.2	0.64	15	<5	102	<0.5	2	22.8	<0.5	32	6.1	28.8	7.0	1.51
KEDT046	<0.2	0.64	13	<5	80	<0.5	<1	>25	<0.5	29	3.6	11.5	4.8	1.33
KEDT047	<0.2	1.60	13	<5	140	1.0	<1	8.90	<0.5	34	9.3	49.5	21.5	3.97
KEDT048	<0.2	2.67	8	<5	228	1.6	<1	0.26	<0.5	30	16.5	65.8	25.0	5.23
KEDT049	<0.2	2.49	5	<5	175	1.5	<1	0.18	<0.5	29	19.1	38.6	24.7	5.14
KEDT050	<0.2	2.66	5	<5	190	1.4	<1	0.14	<0.5	29	26.0	44.7	23.8	6.42
KEDT051	<0.2	2.50	5	<5	205	1.6	<1	0.06	<0.5	28	22.2	33.6	30.5	4.96
KEDT052	<0.2	2.50	2	<5	250	1.5	<1	0.05	<0.5	27	18.2	34.1	24.0	5.71
KEDT053	<0.2	1.51	6	<5	229	1.4	<1	0.14	<0.5	26	19.0	23.9	45.0	3.74
KEDT054	<0.2	2.35	1	<5	215	1.1	<1	0.01	<0.5	26	20.0	33.6	6.0	4.84
KEDT055	<0.2	2.45	2	<5	208	1.1	<1	0.03	<0.5	22	18.5	41.8	20.6	4.57
KEDT056	<0.2	1.34	<1	<5	180	1.3	<1	0.01	<0.5	21	20.2	20.8	23.1	4.83
KEJB010	0.3	2.11	8	7	323	1.0	<1	0.43	<0.5	25	14.8	33.9	42.4	4.20
KEJB011	<0.2	1.80	4	10	317	0.9	<1	0.81	<0.5	36	7.0	33.0	35.4	3.07
KEJB012	<0.2	1.87	12	9	276	1.0	<1	1.05	<0.5	36	14.5	32.7	31.5	4.34
KEJB013	<0.2	0.19	12	<5	116	<0.5	1	>25	<0.5	28	3.0	10.5	3.9	0.74
KEJB014	<0.2	0.96	8	<5	147	0.6	<1	5.52	<0.5	20	8.4	24.3	27.7	2.49
KEJB015	<0.2	0.84	8	7	289	0.8	<1	3.31	<0.5	21	9.0	18.3	31.5	3.11
KEJB016	<0.2	0.86	11	<5	115	0.8	<1	2.01	<0.5	17	9.0	23.4	25.9	2.65
KEJB017	<0.2	1.78	2	<5	420	1.0	<1	0.07	<0.5	19	19.8	29.4	42.7	4.26
KEJB018	<0.2	0.85	<1	<5	176	1.1	<1	0.05	<0.5	20	15.1	23.4	2.4	4.26
KEJB019	<0.2	1.29	1	<5	2610	1.3	<1	0.04	<0.5	19	15.9	21.8	3.2	4.22
KEJB020	<0.2	0.92	2	<5	245	1.1	<1	0.24	<0.5	19	16.2	19.8	85.6	3.87
KEJB021	<0.2	1.27	<1	<5	915	1.2	<1	0.08	<0.5	22	18.7	22.5	19.5	4.09
KEJB022	<0.2	1.24	2	<5	833	1.1	<1	0.03	<0.5	21	19.1	22.6	23.1	4.31
KEJB023	<0.2	0.30	12	<5	152	<0.5	<1	18.1	<0.5	24	5.9	8.5	13.2	1.58
KEJB024	<0.2	0.36	9	<5	248	<0.5	<1	10.3	<0.5	18	5.8	19.4	28.4	1.85
KEJB025	<0.2	0.46	9	<5	288	0.5	<1	4.13	<0.5	16	8.2	22.3	26.9	2.43
KEJB026	<0.2	1.00	9	6	884	0.7	<1	1.78	<0.5	31	8.3	21.8	49.1	3.02
KEJB027	<0.2	1.09	8	6	414	0.8	<1	1.50	<0.5	31	8.4	24.0	55.7	3.34
KEJB028	<0.2	1.20	9	<5	399	0.9	<1	0.60	<0.5	33	14.1	29.1	44.3	3.79

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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 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Sample Description RDL:	0.2	0.01	1	5	1	0.5	1	0.01	0.5	1	0.5	0.5	0.5	0.01
KEJB029	<0.2	1.28	9	6	359	0.9	<1	1.11	<0.5	38	15.0	26.8	36.2	3.67
KEBM001	<0.2	0.08	6	<5	30	<0.5	<1	4.85	<0.5	4	1.6	62.1	1.8	1.16
KEJB001	<0.2	0.03	10	<5	59	<0.5	<1	23.2	<0.5	18	1.2	31.4	<0.5	0.43
KEJB002	<0.2	0.69	9	14	230	<0.5	<1	16.1	<0.5	76	1.9	15.9	6.9	4.75
KEJB003	<0.2	0.22	<1	38	30	<0.5	<1	2.76	<0.5	34	21.0	35.9	2.8	24.1
KEKL012X	<0.2	1.28	9	<5	281	1.1	<1	0.44	<0.5	22	18.0	20.8	32.8	3.92

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Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEBM002	<5	<1	0.47	22	5	0.06	35	5.9	<0.01	7.3	2010	12.4	39	0.295
KEBM003	<5	2	0.49	24	6	0.07	15	6.4	<0.01	1.5	2560	15.1	42	0.237
KEBM004	<5	<1	0.47	26	9	0.14	86	6.1	<0.01	17.1	1980	11.1	39	0.196
KEBM005	<5	<1	0.57	33	29	0.64	762	10.2	0.01	47.6	972	13.1	47	0.075
KEBM006	<5	<1	0.51	23	18	0.36	715	29.1	0.02	73.8	1150	12.6	43	0.036
KEBM007	<5	<1	0.58	31	35	0.67	529	12.6	0.01	45.4	1260	15.2	53	0.063
KEBM008	5	<1	0.47	28	37	0.70	2020	0.6	0.01	24.2	213	12.3	41	0.007
KEBM009	5	<1	0.43	27	35	0.70	1670	0.8	0.02	24.0	191	12.2	38	0.006
KEBM010	<5	<1	0.37	26	30	0.55	1340	0.7	0.02	21.3	223	44.3	30	0.006
KEBM011	<5	<1	0.43	29	41	0.83	1670	0.8	0.02	27.4	233	12.4	38	0.008
KEBM012	<5	<1	0.42	28	52	0.94	1020	1.1	0.01	27.7	191	14.6	37	<0.005
KEBM013	<5	<1	0.45	12	48	0.81	1530	1.2	0.01	27.0	169	11.0	38	<0.005
KEBM014	6	<1	0.49	12	28	0.60	2660	0.6	0.02	27.9	270	9.9	40	0.009
KEBM015	<5	<1	0.48	5	57	1.06	954	1.5	0.01	30.4	154	15.1	44	<0.005
KEBM016	<5	<1	0.47	6	36	0.65	446	0.9	0.01	32.1	176	12.7	45	0.025
KEBM017	<5	<1	0.08	1	33	0.40	257	2.4	<0.01	12.0	506	52.9	<10	<0.005
KEBM018	<5	<1	0.40	4	32	0.56	1320	0.8	0.02	23.7	151	19.0	31	<0.005
KEBM019	<5	<1	0.34	4	19	0.29	1880	0.7	0.02	22.6	167	13.4	26	<0.005
KEBM020	<5	<1	0.35	5	44	0.75	1520	0.6	0.02	25.8	204	12.1	30	<0.005
KEBM021	<5	<1	0.41	7	57	0.65	271	<0.5	0.01	28.6	129	4.7	40	<0.005
KEBM022	<5	<1	0.43	7	37	0.49	270	1.0	0.01	28.1	123	8.7	38	<0.005
KEBM023	<5	<1	0.35	9	71	0.69	1230	1.0	0.01	33.6	189	51.8	32	<0.005
KEBM024	5	<1	0.36	8	55	0.61	670	0.8	0.02	31.8	192	10.2	34	<0.005
KEBM025	<5	<1	0.35	8	48	0.58	724	1.3	0.02	32.0	183	13.6	33	<0.005
KEBM026	<5	<1	0.35	9	43	0.59	375	1.2	0.03	32.2	195	17.4	33	<0.005
KEBM027	5	<1	0.39	9	35	0.96	954	<0.5	0.01	33.6	154	14.2	39	<0.005
KEBM028	5	<1	0.44	11	40	0.60	355	1.5	0.02	32.3	206	14.7	38	<0.005
KEBM029	<5	<1	0.37	3	18	0.33	711	0.5	0.02	20.8	107	14.5	31	<0.005
KEBM030	<5	<1	0.42	7	20	0.50	1820	2.1	0.02	23.7	239	14.7	35	0.172
KEBM031	<5	<1	0.38	4	77	1.04	91	0.5	<0.01	25.7	725	8.6	35	0.007
KEBM032	<5	<1	0.43	6	34	0.51	74	1.3	0.01	22.0	1440	8.1	38	0.009
KEBM033	<5	<1	0.43	8	63	0.86	100	0.5	0.01	33.9	1320	9.0	41	0.017

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Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEBM034	<5	<1	0.42	10	72	1.03	65	0.9	0.01	34.6	263	8.2	38	0.008
KEBM035	<5	<1	0.39	11	33	0.53	87	0.8	0.02	22.4	299	9.0	30	0.007
KEBM036	<5	<1	0.39	5	51	0.83	111	1.2	0.01	35.4	474	15.7	34	0.007
KEBM037	<5	<1	0.69	25	10	0.24	361	14.4	0.02	43.9	8820	17.8	69	0.047
KEBM038	<5	<1	0.41	9	32	0.50	137	1.6	0.01	24.1	1900	9.4	36	0.010
KEBM039	<5	<1	0.15	4	1	0.42	479	1.8	0.05	7.7	866	1.2	15	0.062
KEBM040	<5	<1	0.36	4	58	0.71	193	2.8	0.01	26.5	787	6.5	29	0.009
KEBM041	<5	<1	0.39	5	66	0.81	237	1.4	0.01	30.9	222	13.3	34	<0.005
KEBM042	<5	<1	0.33	5	58	0.83	377	1.2	0.01	27.8	166	19.9	30	<0.005
KEBM043	<5	<1	0.42	11	58	0.59	526	4.1	<0.01	32.9	1320	18.9	36	0.019
KEBM044	<5	<1	0.51	15	34	1.23	683	13.2	0.02	32.8	4500	11.7	52	0.099
KEBM045	<5	<1	0.36	11	32	0.86	219	4.5	0.01	26.7	5680	9.0	35	0.062
KEBM046	<5	<1	0.33	8	20	0.36	1400	2.1	0.01	23.0	579	10.6	28	0.006
KEBM047	<5	<1	0.28	11	16	0.44	1720	2.2	0.02	20.0	283	17.4	24	0.010
KEBM048	<5	<1	0.35	13	11	0.94	3170	1.3	0.02	20.6	316	9.5	33	0.031
KEBM049	<5	<1	0.32	13	10	0.18	1580	0.9	0.01	18.6	192	15.2	25	<0.005
KEBM050	<5	1	0.07	5	2	0.32	1910	2.9	<0.01	2.7	709	<0.5	19	0.371
KEBM051	<5	<1	0.37	5	36	0.53	1000	1.4	<0.01	26.3	191	15.7	33	<0.005
KEBM052	<5	<1	0.39	4	22	0.67	2650	1.4	0.02	24.2	167	10.8	34	0.009
KEBM053	<5	<1	0.38	7	16	0.62	1320	0.9	0.02	21.1	193	8.0	34	0.031
KEBM054	<5	<1	0.47	6	27	0.68	498	0.7	0.01	28.1	130	17.6	42	0.010
KEBM055	<5	<1	0.39	3	35	0.89	503	0.6	0.01	31.3	155	11.8	36	<0.005
KEBM056	5	<1	0.47	4	28	0.61	2570	1.8	0.02	27.7	164	13.2	40	0.011
KEBM057	<5	<1	0.33	5	32	0.79	1790	0.8	0.01	23.2	159	14.6	31	0.009
KEBM058	5	<1	0.39	3	50	1.08	2070	1.0	0.01	25.4	136	12.2	37	0.005
KEBM059	6	<1	0.31	2	48	1.06	3360	1.2	0.01	23.4	123	12.0	28	0.010
KEBM060	<5	<1	0.27	3	31	0.63	1870	<0.5	0.01	23.6	148	15.6	24	0.005
KEBM061	<5	<1	0.24	3	15	0.32	1830	0.9	0.01	20.4	175	13.6	20	0.009
KEBM062	<5	<1	0.25	3	29	0.52	1600	0.6	0.01	23.7	135	9.2	21	<0.005
KEBM063	<5	<1	0.27	4	36	0.60	1070	1.0	0.01	29.9	207	20.8	26	0.006
KEBM064	<5	<1	0.29	2	46	0.91	2030	0.7	<0.01	27.7	141	16.2	28	<0.005
KEPE006	<5	<1	0.28	10	20	0.38	264	2.0	<0.01	15.0	1130	11.5	39	0.187

Certified By: Ron Cardinall

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEPE007	<5	<1	0.19	4	3	0.19	366	2.4	0.01	14.4	375	10.2	28	0.227
KEPE008	<5	<1	0.28	2	59	0.83	988	<0.5	0.01	27.7	152	11.0	26	0.015
KEPE009	<5	<1	0.33	4	32	0.52	696	<0.5	<0.01	28.8	144	10.1	30	0.016
KEPE010	<5	<1	0.29	3	61	0.85	635	1.0	0.01	29.2	138	13.8	25	0.008
KEPE011	<5	<1	0.30	4	36	0.52	1020	1.4	0.01	26.1	157	12.9	27	0.024
KEPE012	<5	<1	0.29	4	33	0.48	1210	0.7	<0.01	29.7	189	9.6	25	0.009
KEPE013	<5	<1	0.33	3	35	0.48	1210	0.6	0.01	26.1	151	10.7	29	0.013
KEPE014	<5	<1	0.24	3	38	0.50	1100	1.1	<0.01	23.5	268	12.5	24	0.057
KEPE015	<5	<1	0.22	4	5	0.14	199	2.7	<0.01	16.3	324	13.5	31	0.174
KEPE016	<5	<1	0.16	4	14	0.25	1140	2.8	0.01	11.8	192	21.1	25	0.180
KEPE017	<5	<1	0.32	7	20	0.35	559	2.0	<0.01	29.0	751	17.6	28	0.016
KEPE018	<5	<1	0.22	5	18	0.25	599	2.8	0.01	21.4	890	18.2	28	0.075
KEKL008	<5	<1	0.34	3	17	0.24	226	4.4	0.01	23.3	257	16.8	41	0.333
KEKL009	<5	<1	0.41	4	26	0.32	243	1.9	0.01	24.2	1060	18.1	44	0.136
KEKL010	<5	<1	0.27	4	17	0.34	600	4.6	0.01	15.9	317	14.0	37	0.173
KEKL011	<5	2	0.26	5	29	0.60	1010	3.0	0.01	22.9	223	23.8	35	0.146
KEKL012	<5	<1	0.31	6	41	0.69	1380	2.3	0.02	16.0	226	15.0	37	0.095
KEKL014	<5	<1	0.32	7	32	0.46	1230	2.6	0.01	29.4	283	16.0	29	0.029
KEKL015	<5	<1	0.43	9	40	0.64	1360	0.9	0.02	28.7	157	13.4	42	0.007
KEKL016	<5	<1	0.38	9	76	1.07	1710	1.2	0.02	29.7	166	10.0	37	<0.005
KEKL017	<5	<1	0.47	9	36	0.60	644	1.0	0.02	27.4	127	18.0	45	<0.005
KEKL018	<5	<1	0.43	9	39	0.66	1040	1.1	0.02	29.2	143	17.2	41	0.007
KEKL019	<5	<1	0.39	8	42	0.67	752	1.6	0.02	28.0	144	13.0	36	0.013
KEKL020	<5	<1	0.35	10	22	0.36	1530	2.5	0.02	23.4	192	17.7	29	<0.005
KEKL021	<5	<1	0.40	11	46	0.55	990	0.5	0.02	31.7	162	7.4	38	<0.005
KEKL022	<5	<1	0.41	8	8	0.30	627	1.9	0.01	29.5	788	11.8	35	0.048
KEKL023	<5	<1	0.32	6	9	0.30	1050	2.7	0.01	20.7	210	11.4	36	0.092
KEKL024	<5	2	0.48	9	17	0.25	177	23.3	0.01	51.5	4090	14.5	45	0.048
KEKL025	<5	1	0.40	6	8	0.14	341	14.3	<0.01	45.4	1460	12.3	38	0.052
KEKL026	<5	<1	0.28	4	2	0.06	435	12.2	<0.01	37.3	85	20.5	20	0.016
KEKL027	<5	<1	0.51	8	4	0.10	309	17.3	0.01	52.7	2160	12.9	44	0.067
KEKL028	<5	1	0.42	9	7	0.13	440	20.1	<0.01	40.4	979	13.4	36	0.027

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AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEKL029	<5	<1	0.38	11	5	0.11	162	3.5	<0.01	22.1	825	15.7	36	0.032
KEKL030	<5	<1	0.59	13	32	0.39	287	1.9	0.01	30.8	748	19.4	53	0.025
KEKL031	<5	<1	0.31	14	27	0.33	385	1.6	<0.01	24.8	537	16.1	32	0.042
KEKL032	<5	<1	0.30	9	6	0.22	499	2.0	<0.01	16.1	517	14.6	38	0.130
KEKL033	<5	3	0.40	8	4	0.14	703	1.9	<0.01	15.4	404	14.8	41	0.092
KEKL034	<5	<1	0.30	7	5	0.20	821	2.2	<0.01	11.7	711	10.1	44	0.180
KEKL035	<5	<1	0.26	5	3	0.12	333	2.7	<0.01	9.7	112	8.5	37	0.218
KEKL036	<5	2	0.16	4	2	0.11	349	2.6	0.01	6.2	161	4.2	26	0.258
KEKL037	<5	<1	0.26	6	5	0.35	1660	5.1	0.01	17.2	286	15.9	32	0.109
KEKL038	<5	<1	0.31	7	5	1.18	2080	1.9	0.02	19.7	262	10.7	34	0.075
KEKL039	<5	<1	0.30	7	4	0.17	1870	1.4	0.02	24.0	215	12.9	23	0.016
KEKL040	<5	<1	0.32	7	7	0.11	1500	1.4	0.01	23.2	176	16.6	28	0.045
KEKL041	<5	<1	0.37	8	13	0.41	1350	2.0	0.02	27.5	182	23.8	34	0.033
KEKL042	<5	<1	0.34	8	15	0.45	1220	1.0	0.01	23.5	157	12.4	30	0.018
KEKL043	<5	<1	0.39	10	21	0.25	925	1.1	0.01	24.0	152	12.8	32	<0.005
KEKL044	<5	<1	0.34	8	18	0.23	1000	1.0	0.01	25.9	160	13.2	28	0.008
KEKL045	<5	3	0.31	7	8	0.14	1030	1.8	0.01	21.7	298	16.6	31	0.062
KEKL046	<5	<1	0.31	6	7	0.15	1900	2.6	0.01	24.0	314	19.7	30	0.049
KEKL047	<5	<1	0.37	5	12	0.22	1340	1.0	0.01	24.6	187	16.5	29	0.009
KEKL048	<5	<1	0.39	5	21	0.25	1330	1.2	0.01	25.5	246	16.7	31	0.011
KEKL049	<5	<1	0.34	5	5	0.10	1310	3.2	0.01	33.5	401	20.7	28	0.031
KEKL050	<5	<1	0.27	6	12	0.21	1180	3.7	0.02	22.8	772	13.8	25	0.061
KEKL051	<5	<1	0.24	6	11	0.14	1260	2.4	0.02	26.5	421	16.0	22	0.060
KEDT001	<5	<1	0.40	6	31	0.42	105	1.1	0.01	15.9	496	8.3	34	0.010
KEDT002	<5	<1	0.43	4	16	0.24	585	2.0	0.01	25.5	387	16.4	48	0.122
KEDT003	<5	<1	0.28	4	27	0.36	765	2.4	0.01	29.5	311	17.5	29	0.072
KEDT004	<5	<1	0.29	4	18	0.38	869	1.6	0.01	20.5	376	11.0	35	0.119
KEDT005	<5	<1	0.32	5	49	0.60	1020	0.8	0.01	28.0	153	15.8	29	0.013
KEDT007	<5	<1	0.27	6	27	0.29	1010	0.6	0.01	31.0	173	18.2	20	0.015
KEDT008	<5	<1	0.21	5	15	0.51	1700	2.4	0.01	18.6	287	10.0	30	0.187
KEDT009	<5	<1	0.25	5	36	0.80	1600	2.5	0.01	22.2	262	15.4	29	0.070
KEDT010	<5	<1	0.19	4	31	0.76	1820	24.5	0.01	15.5	229	15.3	25	0.094

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MISSISSAUGA, ONTARIO
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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEDT011	<5	<1	0.30	6	59	0.98	1410	0.7	0.01	27.7	178	20.5	28	0.015
KEDT012	<5	<1	0.11	5	9	0.36	420	2.3	0.01	6.9	219	1.1	24	0.382
KEDT014	<5	<1	0.24	8	31	0.57	1340	0.9	0.03	30.1	238	16.6	23	0.046
KEDT015	<5	<1	0.21	7	37	0.72	1850	1.0	0.01	31.8	198	14.6	19	0.034
KEDT016	<5	<1	0.12	4	12	0.40	516	2.4	0.01	10.9	151	4.4	25	0.348
KEDT017	<5	<1	0.13	4	10	0.30	676	2.3	<0.01	9.0	95	4.8	24	0.276
KEDT018	<5	<1	0.07	3	2	0.22	1120	3.3	<0.01	3.8	155	1.7	16	0.415
KEDT019	<5	<1	0.25	6	25	0.77	2730	1.2	0.01	28.0	285	8.6	25	0.047
KEDT020	<5	<1	0.25	7	46	0.79	1970	<0.5	<0.01	26.8	185	17.5	20	0.018
KEDT021	<5	<1	0.24	6	49	0.72	2180	0.8	<0.01	27.2	171	22.7	20	0.019
KEDT022	<5	<1	0.23	6	41	0.71	1990	0.6	<0.01	25.0	171	16.0	21	0.023
KEDT023	<5	<1	0.23	6	38	0.63	1580	1.0	0.01	26.5	178	15.9	21	0.018
KEDT024	<5	<1	0.20	5	20	0.47	2160	1.3	0.01	24.4	160	20.0	17	0.018
KEDT025	<5	<1	0.22	6	27	0.75	2050	1.0	0.01	24.9	203	15.8	21	0.029
KEDT026	<5	<1	0.22	5	3	0.77	1690	1.5	<0.01	22.3	278	5.5	24	0.070
KEDT027	<5	<1	0.21	5	3	0.77	2130	1.2	<0.01	22.6	262	11.4	22	0.051
KEDT028	<5	<1	0.23	5	50	1.17	2110	0.6	<0.01	28.3	131	18.7	23	0.024
KEDT029	<5	<1	0.26	7	70	0.78	244	1.4	<0.01	36.6	136	46.4	23	0.108
KEDT030	<5	<1	0.31	8	38	0.47	718	0.6	0.01	32.3	155	11.2	28	<0.005
KEDT031	<5	<1	0.35	9	47	0.50	484	1.0	0.01	30.8	126	8.2	32	<0.005
KEDT032	<5	<1	0.31	8	22	0.26	720	0.7	0.01	33.7	163	2.9	28	<0.005
KEDT033	<5	<1	0.26	7	7	0.13	489	0.7	0.01	27.4	156	11.3	19	<0.005
KEDT034	<5	1	0.67	40	3	0.21	229	5.9	0.03	27.2	>10000	7.7	78	0.107
KEDT035	<5	<1	0.75	30	6	0.57	235	5.6	0.03	29.7	>10000	8.3	86	0.082
KEDT036	<5	<1	0.43	6	1	0.56	390	2.9	0.02	24.7	420	7.1	40	0.092
KEDT037	<5	<1	0.31	5	1	0.20	1310	5.2	0.02	16.4	323	22.5	34	0.146
KEDT038	<5	<1	0.37	6	7	0.33	2380	1.0	0.02	16.8	976	30.8	40	0.099
KEDT039	<5	<1	0.36	9	12	0.20	369	<0.5	0.02	29.3	196	3.8	29	0.024
KEDT040	<5	<1	0.44	9	14	0.27	430	1.2	0.02	31.4	197	8.3	36	0.174
KEDT041	<5	<1	0.20	6	12	0.66	832	1.9	0.02	29.3	465	9.0	29	0.150
KEDT042	<5	<1	0.22	5	3	0.91	697	1.8	0.03	13.6	227	4.5	37	0.324
KEDT043	<5	<1	0.19	8	17	0.31	664	1.9	0.02	13.8	330	10.2	34	0.214

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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEDT044	<5	<1	0.26	11	27	0.46	724	1.4	0.03	30.7	286	14.7	26	0.021
KEDT045	<5	<1	0.15	11	8	0.25	505	2.3	0.02	10.8	561	4.9	33	0.345
KEDT046	<5	<1	0.11	8	10	0.30	405	2.2	0.01	5.9	393	3.3	30	0.398
KEDT047	<5	<1	0.22	11	23	0.39	709	2.2	0.03	23.0	268	13.1	34	0.127
KEDT048	<5	<1	0.50	9	37	0.50	955	1.7	0.06	32.4	345	16.7	47	0.079
KEDT049	<5	<1	0.28	9	43	0.57	922	1.1	0.04	34.1	254	17.0	27	0.019
KEDT050	<5	<1	0.27	7	47	0.58	1930	2.0	0.05	35.5	271	35.6	27	0.038
KEDT051	<5	<1	0.29	9	41	0.53	732	1.1	0.05	32.3	241	19.0	29	0.016
KEDT052	<5	<1	0.41	8	30	0.61	1280	1.5	0.03	39.7	193	5.6	41	<0.005
KEDT053	<5	<1	0.35	8	22	0.34	837	1.9	0.02	32.7	172	11.2	31	<0.005
KEDT054	<5	<1	0.33	8	38	0.72	844	1.3	0.02	33.7	156	7.9	31	0.010
KEDT055	<5	<1	0.35	6	36	0.78	517	1.0	0.02	31.3	144	20.1	31	0.006
KEDT056	<5	<1	0.29	6	17	0.33	512	1.4	0.02	33.7	150	23.3	23	0.005
KEJB010	<5	<1	0.33	6	50	0.76	530	4.8	<0.01	38.8	1410	12.2	30	0.031
KEJB011	<5	<1	0.35	10	38	0.60	193	1.1	0.01	32.9	2510	8.9	33	0.016
KEJB012	<5	<1	0.34	7	44	0.64	320	0.8	<0.01	30.6	1370	16.5	32	0.028
KEJB013	<5	<1	0.08	8	3	0.21	222	2.8	<0.01	5.2	364	1.1	21	0.402
KEJB014	<5	<1	0.20	5	19	0.89	1650	0.7	0.01	20.9	280	11.4	24	0.087
KEJB015	<5	<1	0.25	5	13	0.34	625	3.2	<0.01	26.2	1140	13.0	26	0.113
KEJB016	<5	<1	0.18	5	19	0.86	1730	0.6	0.01	21.8	212	9.4	18	0.031
KEJB017	<5	<1	0.20	6	56	0.82	604	<0.5	<0.01	32.6	149	9.7	18	0.006
KEJB018	<5	<1	0.20	5	13	0.28	759	0.8	<0.01	20.6	105	14.6	18	<0.005
KEJB019	<5	<1	0.22	5	44	0.60	292	1.3	<0.01	29.8	115	6.6	18	0.056
KEJB020	<5	<1	0.22	5	23	0.41	719	1.1	0.01	30.1	632	28.7	18	0.012
KEJB021	<5	<1	0.25	7	36	0.48	698	<0.5	0.01	32.4	160	21.1	24	0.021
KEJB022	<5	<1	0.24	6	34	0.43	661	0.7	0.01	32.7	181	15.4	21	0.030
KEJB023	<5	<1	0.15	6	2	0.11	206	2.8	<0.01	11.1	149	7.8	26	0.310
KEJB024	<5	<1	0.16	4	3	0.13	895	2.0	<0.01	8.9	272	9.1	23	0.159
KEJB025	<5	<1	0.21	4	2	0.20	1460	1.1	<0.01	18.6	365	8.7	22	0.069
KEJB026	<5	<1	0.30	11	10	0.38	392	2.6	<0.01	22.4	2160	8.1	31	0.100
KEJB027	<5	<1	0.30	11	20	0.42	424	4.2	0.01	28.7	987	10.3	29	0.056
KEJB028	<5	<1	0.30	11	20	0.30	389	4.8	0.01	32.5	1230	10.9	28	0.026

Certified By: Ron Cardinall

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AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Ga	In	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Rb	S
Unit:	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	%
Sample Description RDL:	5	1	0.01	1	1	0.01	1	0.5	0.01	0.5	10	0.5	10	0.005
KEJB029	<5	<1	0.28	13	24	0.45	529	2.5	0.01	29.1	2070	12.4	29	0.040
KEBM001	<5	<1	0.02	<1	<1	1.06	1270	2.4	0.04	6.5	1100	4.4	<10	0.071
KEJB001	<5	<1	0.01	4	<1	0.15	106	2.4	<0.01	2.0	155	<0.5	<10	0.342
KEJB002	<5	<1	0.28	41	2	1.64	300	1.9	0.06	4.8	>10000	<0.5	47	0.259
KEJB003	<5	<1	0.01	<1	5	2.58	21700	2.8	<0.01	8.8	7390	<0.5	<10	0.038
KEKL012X	<5	<1	0.15	6	30	0.49	1610	1.7	<0.01	31.4	312	15.2	16	0.026

Certified By: Ron Cardinall

Results relate only to the items tested

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CANADA L4Z 1N9
TEL (905)501-9998
FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEBM002	<1	6.6	<10	<5	145	<10	<10	6	<0.01	<5	<5	103	<1	7
KEBM003	1	5.1	16	<5	44.3	<10	<10	5	<0.01	<5	<5	87.7	<1	7
KEBM004	1	5.7	<10	<5	52.8	<10	<10	5	<0.01	<5	<5	69.9	<1	11
KEBM005	2	10.3	<10	<5	33.6	<10	<10	<5	<0.01	<5	<5	55.5	<1	14
KEBM006	4	9.6	<10	<5	40.5	<10	<10	<5	<0.01	<5	<5	133	<1	14
KEBM007	4	9.1	11	<5	41.3	<10	<10	<5	<0.01	<5	<5	85.6	<1	14
KEBM008	<1	7.9	<10	<5	13.9	<10	<10	<5	<0.01	<5	<5	25.6	<1	8
KEBM009	<1	6.5	<10	<5	15.0	<10	<10	<5	<0.01	<5	<5	22.1	<1	6
KEBM010	<1	6.5	<10	<5	9.5	<10	<10	<5	<0.01	<5	<5	18.6	<1	6
KEBM011	<1	6.9	15	<5	18.5	<10	<10	5	<0.01	<5	<5	23.2	<1	7
KEBM012	<1	6.4	<10	<5	15.3	<10	<10	<5	<0.01	<5	<5	25.7	<1	7
KEBM013	<1	7.2	<10	<5	15.2	<10	<10	<5	<0.01	<5	<5	24.1	<1	7
KEBM014	<1	8.3	<10	<5	23.3	<10	<10	5	<0.01	<5	<5	24.4	<1	9
KEBM015	<1	7.1	<10	<5	13.4	<10	<10	<5	<0.01	<5	<5	25.2	<1	7
KEBM016	<1	5.9	12	<5	13.2	<10	<10	<5	<0.01	<5	<5	20.6	<1	6
KEBM017	<1	1.7	<10	<5	22.9	<10	<10	<5	<0.01	<5	<5	11.7	<1	4
KEBM018	<1	6.6	<10	<5	11.7	<10	<10	<5	<0.01	<5	<5	19.1	<1	5
KEBM019	<1	6.9	<10	<5	10.3	<10	<10	<5	<0.01	<5	<5	15.3	<1	5
KEBM020	<1	7.1	<10	<5	14.2	<10	<10	<5	<0.01	<5	<5	21.1	<1	6
KEBM021	<1	5.9	<10	<5	18.0	<10	<10	<5	<0.01	<5	<5	21.6	<1	5
KEBM022	<1	4.8	10	<5	14.3	<10	<10	5	<0.01	<5	<5	20.1	<1	4
KEBM023	<1	5.4	<10	<5	26.4	<10	<10	<5	<0.01	<5	<5	19.5	<1	5
KEBM024	<1	5.2	<10	<5	31.7	<10	<10	<5	<0.01	<5	<5	20.9	<1	6
KEBM025	<1	5.6	<10	<5	30.9	<10	<10	5	<0.01	<5	<5	18.1	<1	6
KEBM026	<1	5.3	17	<5	39.9	<10	<10	6	<0.01	<5	<5	22.2	<1	6
KEBM027	<1	5.0	13	<5	25.5	<10	<10	<5	<0.01	<5	<5	23.8	<1	4
KEBM028	<1	5.4	<10	<5	28.4	<10	<10	7	<0.01	<5	<5	21.4	<1	6
KEBM029	<1	7.1	13	<5	8.7	<10	<10	<5	<0.01	<5	<5	19.8	<1	6
KEBM030	1	8.8	<10	<5	27.0	<10	<10	<5	<0.01	<5	<5	19.1	<1	9
KEBM031	<1	5.4	<10	<5	18.4	<10	<10	<5	<0.01	<5	<5	45.3	<1	7
KEBM032	<1	5.1	<10	<5	31.1	<10	<10	<5	<0.01	<5	<5	36.2	<1	9
KEBM033	<1	5.0	<10	<5	66.3	<10	<10	<5	<0.01	<5	<5	25.6	<1	11

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ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEBM034	<1	5.2	<10	<5	12.4	<10	<10	<5	<0.01	<5	<5	26.3	<1	4
KEBM035	<1	5.9	<10	<5	12.7	<10	<10	6	<0.01	<5	<5	33.4	<1	6
KEBM036	<1	6.5	<10	<5	18.0	<10	<10	<5	<0.01	<5	<5	44.5	<1	9
KEBM037	4	7.4	<10	<5	152	<10	<10	7	<0.01	<5	6	146	<1	56
KEBM038	1	5.6	<10	<5	54.0	<10	<10	5	<0.01	<5	<5	34.0	<1	19
KEBM039	2	4.1	<10	<5	111	<10	<10	<5	<0.01	<5	<5	12.6	<1	14
KEBM040	<1	4.8	<10	<5	21.3	<10	<10	<5	<0.01	<5	<5	29.1	<1	12
KEBM041	<1	5.2	<10	<5	11.1	<10	<10	6	<0.01	<5	<5	26.3	<1	6
KEBM042	<1	4.3	16	<5	10.1	<10	<10	<5	<0.01	<5	<5	24.5	<1	6
KEBM043	<1	5.3	<10	<5	36.3	<10	<10	7	<0.01	<5	<5	32.9	<1	15
KEBM044	3	6.6	<10	<5	186	<10	<10	<5	<0.01	<5	<5	83.0	<1	28
KEBM045	2	5.7	<10	<5	110	<10	<10	<5	<0.01	<5	<5	60.0	<1	25
KEBM046	<1	6.2	<10	<5	22.5	<10	<10	<5	<0.01	<5	<5	19.9	<1	6
KEBM047	1	6.5	<10	<5	25.4	<10	<10	6	<0.01	<5	<5	16.4	<1	6
KEBM048	2	7.8	<10	<5	57.5	<10	<10	<5	<0.01	<5	<5	18.5	<1	9
KEBM049	<1	6.2	<10	<5	19.3	<10	<10	8	<0.01	<5	<5	12.9	<1	5
KEBM050	6	1.8	<10	29	816	<10	<10	<5	<0.01	<5	<5	6.8	<1	6
KEBM051	<1	4.9	<10	<5	13.8	<10	<10	<5	<0.01	<5	<5	18.4	<1	7
KEBM052	<1	7.3	<10	<5	17.4	<10	<10	<5	<0.01	<5	<5	20.1	<1	7
KEBM053	<1	7.5	<10	<5	39.1	<10	<10	<5	<0.01	<5	<5	19.0	<1	8
KEBM054	<1	6.3	<10	<5	16.5	<10	<10	<5	<0.01	<5	<5	22.2	<1	6
KEBM055	<1	6.8	<10	<5	15.6	<10	<10	<5	<0.01	<5	<5	27.5	<1	7
KEBM056	<1	7.8	<10	<5	21.8	<10	<10	<5	<0.01	<5	<5	25.5	<1	8
KEBM057	1	7.2	<10	<5	32.5	<10	<10	<5	<0.01	<5	<5	19.7	<1	7
KEBM058	<1	7.4	<10	<5	14.9	<10	<10	<5	<0.01	<5	<5	26.9	<1	7
KEBM059	<1	6.9	<10	<5	12.1	<10	<10	<5	<0.01	<5	<5	22.2	<1	6
KEBM060	<1	6.1	<10	<5	17.4	<10	<10	<5	<0.01	<5	<5	16.3	<1	5
KEBM061	<1	6.7	<10	<5	21.9	<10	<10	<5	<0.01	<5	<5	13.5	<1	5
KEBM062	<1	5.5	<10	<5	13.0	<10	<10	<5	<0.01	<5	<5	14.5	<1	4
KEBM063	<1	5.2	<10	<5	15.6	<10	<10	<5	<0.01	<5	<5	18.5	<1	5
KEBM064	<1	6.9	<10	<5	10.0	<10	<10	<5	<0.01	<5	<5	21.0	<1	6
KEPE006	4	7.3	<10	11	517	<10	<10	<5	<0.01	<5	<5	15.9	<1	14

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AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEPE007	4	7.8	<10	13	643	<10	<10	<5	<0.01	<5	<5	9.1	<1	9
KEPE008	<1	5.2	<10	<5	71.7	<10	<10	<5	<0.01	<5	<5	21.1	<1	6
KEPE009	<1	5.1	<10	<5	30.8	<10	<10	<5	<0.01	<5	<5	11.0	<1	5
KEPE010	<1	5.6	<10	<5	13.4	<10	<10	<5	<0.01	<5	<5	21.2	<1	6
KEPE011	<1	6.3	<10	<5	19.1	<10	<10	<5	<0.01	<5	<5	15.4	<1	6
KEPE012	<1	6.3	<10	<5	17.7	<10	<10	<5	<0.01	<5	<5	11.5	<1	6
KEPE013	<1	6.9	14	<5	30.7	<10	<10	<5	<0.01	<5	<5	16.5	<1	6
KEPE014	1	6.5	13	<5	293	<10	<10	<5	<0.01	<5	<5	17.4	<1	8
KEPE015	4	8.5	<10	10	827	<10	<10	<5	<0.01	<5	<5	9.7	<1	11
KEPE016	4	5.7	<10	11	919	<10	<10	<5	<0.01	<5	<5	10.2	<1	8
KEPE017	<1	7.9	11	<5	31.4	<10	<10	5	<0.01	<5	<5	27.3	<1	18
KEPE018	1	3.3	<10	<5	54.2	<10	<10	<5	<0.01	<5	<5	28.1	<1	9
KEKL008	3	8.2	<10	<5	376	<10	<10	5	<0.01	<5	<5	18.6	<1	12
KEKL009	2	8.6	<10	<5	253	<10	<10	<5	<0.01	<5	<5	22.3	<1	16
KEKL010	4	8.2	<10	6	732	<10	<10	5	<0.01	<5	<5	16.1	<1	12
KEKL011	3	8.3	<10	<5	607	<10	<10	<5	<0.01	<5	<5	15.8	<1	9
KEKL012	3	7.9	<10	<5	412	<10	<10	<5	<0.01	<5	<5	18.6	<1	8
KEKL014	<1	7.3	<10	<5	45.4	<10	<10	<5	<0.01	<5	<5	22.7	<1	10
KEKL015	<1	7.6	11	<5	34.9	<10	<10	<5	<0.01	<5	<5	24.4	<1	5
KEKL016	<1	6.5	<10	<5	35.0	<10	<10	<5	<0.01	<5	<5	24.7	<1	5
KEKL017	<1	6.4	<10	<5	38.0	<10	<10	<5	0.01	<5	<5	23.6	<1	4
KEKL018	<1	6.8	<10	<5	39.9	<10	<10	5	<0.01	<5	<5	23.1	<1	5
KEKL019	<1	6.5	<10	<5	43.8	<10	<10	<5	<0.01	<5	<5	21.9	<1	4
KEKL020	<1	7.5	<10	<5	39.5	<10	<10	8	<0.01	<5	<5	15.6	<1	5
KEKL021	<1	6.9	15	<5	31.6	<10	<10	6	<0.01	<5	<5	19.9	<1	5
KEKL022	2	8.6	<10	<5	57.5	<10	<10	5	<0.01	<5	<5	24.4	<1	11
KEKL023	2	7.4	<10	<5	298	<10	<10	<5	<0.01	<5	<5	14.4	<1	7
KEKL024	4	6.3	<10	<5	131	<10	<10	6	<0.01	<5	<5	111	<1	23
KEKL025	4	7.7	12	<5	79.1	<10	<10	<5	<0.01	<5	<5	61.3	<1	15
KEKL026	2	10.1	<10	<5	27.8	<10	<10	7	<0.01	<5	<5	10.8	<1	10
KEKL027	5	10.9	13	<5	71.6	<10	<10	6	<0.01	<5	<5	56.3	<1	20
KEKL028	3	8.1	<10	<5	112	<10	<10	7	<0.01	<5	<5	65.4	<1	15

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AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEKL029	2	2.9	<10	<5	20.2	<10	<10	<5	<0.01	<5	<5	30.7	<1	7
KEKL030	1	6.4	<10	<5	35.8	<10	<10	6	<0.01	<5	<5	32.8	<1	14
KEKL031	<1	4.0	<10	<5	18.2	<10	<10	<5	<0.01	<5	<5	26.1	<1	8
KEKL032	3	7.0	<10	5	369	<10	<10	6	<0.01	<5	<5	13.0	<1	13
KEKL033	3	7.5	<10	<5	188	<10	<10	7	<0.01	<5	<5	13.0	<1	14
KEKL034	4	5.1	<10	8	394	<10	<10	<5	<0.01	<5	<5	14.3	<1	16
KEKL035	5	5.4	<10	14	582	<10	<10	<5	<0.01	<5	<5	10.9	<1	10
KEKL036	5	2.0	<10	17	626	<10	<10	<5	<0.01	<5	<5	9.5	<1	7
KEKL037	4	6.0	<10	<5	256	<10	<10	<5	<0.01	<5	<5	16.9	<1	10
KEKL038	3	8.0	<10	<5	157	<10	<10	<5	<0.01	<5	<5	15.7	<1	8
KEKL039	1	7.1	<10	<5	37.5	<10	<10	<5	<0.01	<5	<5	13.7	<1	7
KEKL040	2	6.0	<10	<5	83.7	<10	<10	<5	<0.01	<5	<5	16.7	<1	8
KEKL041	<1	8.5	<10	<5	64.8	<10	<10	<5	<0.01	<5	<5	18.6	<1	6
KEKL042	1	7.4	<10	<5	56.5	<10	<10	<5	<0.01	<5	<5	17.1	<1	5
KEKL043	<1	6.7	<10	<5	35.6	<10	<10	6	<0.01	<5	<5	16.9	<1	4
KEKL044	<1	6.4	<10	<5	32.1	<10	<10	<5	<0.01	<5	<5	16.8	<1	5
KEKL045	3	6.9	<10	<5	105	<10	<10	<5	<0.01	<5	<5	14.5	<1	10
KEKL046	2	6.8	<10	<5	67.2	<10	<10	<5	<0.01	<5	<5	14.6	<1	10
KEKL047	<1	8.3	<10	<5	26.9	<10	<10	<5	<0.01	<5	<5	14.3	<1	7
KEKL048	<1	8.5	<10	<5	28.3	<10	<10	<5	<0.01	<5	<5	16.8	<1	8
KEKL049	2	7.6	<10	<5	28.5	<10	<10	<5	<0.01	<5	<5	17.1	<1	12
KEKL050	2	5.1	<10	<5	57.5	<10	<10	<5	<0.01	<5	<5	18.7	<1	9
KEKL051	2	5.7	<10	<5	41.2	<10	<10	<5	<0.01	<5	<5	16.7	<1	8
KEDT001	<1	6.1	<10	<5	17.8	<10	<10	<5	<0.01	<5	<5	42.8	<1	10
KEDT002	4	9.4	<10	<5	531	<10	<10	8	<0.01	<5	<5	19.1	<1	11
KEDT003	3	7.6	14	<5	221	<10	<10	<5	<0.01	<5	<5	18.4	<1	11
KEDT004	3	7.7	<10	<5	409	<10	<10	<5	<0.01	<5	<5	14.1	<1	11
KEDT005	<1	5.6	12	<5	33.0	<10	<10	<5	<0.01	<5	<5	21.3	<1	9
KEDT007	<1	7.5	<10	<5	10.5	<10	<10	<5	<0.01	<5	<5	13.6	<1	6
KEDT008	3	7.6	<10	10	701	<10	<10	<5	<0.01	<5	<5	12.6	<1	9
KEDT009	3	9.4	<10	<5	215	<10	<10	<5	<0.01	<5	<5	16.0	<1	8
KEDT010	3	8.9	<10	<5	295	<10	<10	<5	<0.01	<5	<5	15.7	<1	8

Certified By: Ron Cardinall

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PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEDT011	<1	8.1	<10	<5	25.2	<10	<10	<5	<0.01	<5	<5	21.5	<1	6
KEDT012	6	2.8	<10	31	1510	<10	<10	<5	<0.01	<5	6	9.9	<1	4
KEDT014	<1	7.4	<10	<5	76.0	<10	<10	7	<0.01	<5	<5	19.0	<1	6
KEDT015	<1	7.9	<10	<5	69.5	<10	<10	8	<0.01	<5	<5	19.9	<1	6
KEDT016	5	3.3	<10	25	1410	<10	<10	<5	<0.01	<5	<5	12.8	<1	6
KEDT017	3	3.7	<10	20	952	<10	<10	<5	<0.01	<5	<5	11.7	<1	6
KEDT018	5	2.5	<10	34	1070	<10	<10	<5	<0.01	<5	5	5.6	<1	7
KEDT019	2	8.7	<10	<5	67.4	<10	<10	<5	<0.01	<5	<5	15.6	<1	9
KEDT020	<1	7.5	<10	<5	28.2	<10	<10	<5	<0.01	<5	<5	17.7	<1	6
KEDT021	<1	8.0	<10	<5	27.7	<10	<10	<5	<0.01	<5	<5	19.0	<1	7
KEDT022	<1	7.7	<10	<5	31.0	<10	<10	<5	<0.01	<5	<5	15.5	<1	6
KEDT023	<1	7.5	<10	<5	25.4	<10	<10	<5	<0.01	<5	<5	14.8	<1	6
KEDT024	<1	7.9	<10	<5	36.9	<10	<10	<5	<0.01	<5	<5	13.4	<1	6
KEDT025	<1	7.8	<10	<5	51.8	<10	<10	<5	<0.01	<5	<5	13.8	<1	6
KEDT026	1	8.1	<10	<5	96.9	<10	<10	<5	<0.01	<5	<5	10.9	<1	8
KEDT027	2	7.6	<10	<5	116	<10	<10	<5	<0.01	<5	<5	15.9	<1	8
KEDT028	<1	7.5	<10	<5	54.5	<10	<10	<5	<0.01	<5	<5	18.3	<1	6
KEDT029	<1	6.0	<10	<5	19.6	<10	<10	<5	<0.01	<5	<5	23.6	<1	5
KEDT030	<1	5.7	<10	<5	26.5	<10	<10	5	0.01	<5	<5	20.1	<1	4
KEDT031	<1	6.5	<10	<5	14.7	<10	<10	<5	<0.01	<5	<5	17.6	<1	4
KEDT032	<1	7.3	<10	<5	14.3	<10	<10	5	<0.01	<5	<5	16.9	<1	5
KEDT033	<1	6.6	<10	<5	12.2	<10	<10	5	<0.01	<5	<5	11.2	<1	5
KEDT034	3	6.9	<10	<5	472	<10	<10	8	<0.01	<5	10	75.8	<1	116
KEDT035	2	7.2	<10	<5	340	<10	<10	<5	<0.01	<5	<5	64.5	<1	71
KEDT036	2	11.7	<10	<5	74.3	<10	<10	<5	<0.01	<5	<5	18.8	<1	11
KEDT037	4	8.7	<10	5	236	<10	<10	6	<0.01	<5	<5	13.0	<1	11
KEDT038	2	9.1	<10	<5	180	<10	<10	<5	<0.01	<5	<5	17.0	<1	16
KEDT039	<1	8.0	<10	<5	16.1	<10	<10	7	<0.01	<5	<5	16.9	<1	5
KEDT040	<1	8.0	<10	<5	122	<10	<10	7	<0.01	<5	<5	18.3	<1	5
KEDT041	1	8.1	<10	<5	158	<10	<10	<5	<0.01	<5	<5	17.2	<1	8
KEDT042	3	6.3	<10	20	254	<10	<10	<5	<0.01	<5	<5	16.4	<1	7
KEDT043	3	4.6	<10	13	361	<10	<10	<5	<0.01	<5	<5	17.2	<1	6

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AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEDT044	<1	6.2	<10	<5	37.7	<10	<10	<5	<0.01	<5	<5	23.4	<1	6
KEDT045	6	3.9	<10	26	333	<10	<10	<5	<0.01	<5	<5	15.0	<1	10
KEDT046	4	3.3	<10	32	409	<10	<10	<5	<0.01	<5	<5	14.2	<1	7
KEDT047	1	5.8	<10	<5	131	<10	<10	<5	<0.01	<5	<5	22.2	<1	6
KEDT048	<1	7.4	<10	<5	24.3	<10	<10	<5	<0.01	<5	<5	25.5	<1	7
KEDT049	<1	5.8	17	<5	28.5	<10	<10	5	<0.01	<5	<5	23.0	<1	5
KEDT050	<1	6.2	<10	<5	47.0	<10	<10	<5	<0.01	<5	<5	24.2	<1	7
KEDT051	<1	5.4	<10	<5	24.6	<10	<10	5	<0.01	<5	<5	22.6	<1	4
KEDT052	<1	11.3	<10	<5	13.8	<10	<10	<5	<0.01	<5	<5	27.3	<1	6
KEDT053	<1	7.9	<10	<5	17.9	<10	<10	<5	<0.01	<5	<5	18.4	<1	5
KEDT054	<1	7.0	<10	<5	10.9	<10	<10	<5	<0.01	<5	<5	24.6	<1	4
KEDT055	<1	6.7	<10	<5	10.9	<10	<10	<5	<0.01	<5	<5	24.8	<1	3
KEDT056	<1	7.0	<10	<5	8.7	<10	<10	<5	<0.01	<5	<5	18.7	<1	4
KEJB010	<1	6.0	<10	<5	31.5	<10	<10	<5	<0.01	<5	<5	46.8	<1	12
KEJB011	<1	5.8	<10	<5	45.7	<10	<10	<5	<0.01	<5	<5	29.4	<1	18
KEJB012	<1	6.3	<10	<5	67.9	<10	<10	<5	<0.01	<5	<5	33.3	<1	18
KEJB013	6	3.1	<10	32	1820	<10	<10	<5	<0.01	<5	<5	8.4	<1	9
KEJB014	2	6.6	<10	<5	279	<10	<10	<5	<0.01	<5	<5	15.1	<1	7
KEJB015	2	8.0	<10	<5	149	<10	<10	6	<0.01	<5	<5	21.1	<1	14
KEJB016	1	7.7	<10	<5	76.9	<10	<10	<5	<0.01	<5	<5	13.8	<1	6
KEJB017	<1	6.9	<10	<5	15.6	<10	<10	<5	<0.01	<5	<5	21.4	<1	3
KEJB018	<1	5.6	<10	<5	17.1	<10	<10	<5	0.01	<5	<5	22.5	<1	3
KEJB019	<1	4.9	<10	<5	66.1	<10	<10	<5	<0.01	<5	<5	17.8	<1	3
KEJB020	<1	8.6	<10	<5	48.7	<10	<10	<5	<0.01	<5	<5	17.8	<1	7
KEJB021	<1	7.1	<10	<5	40.6	<10	<10	<5	<0.01	<5	<5	17.4	<1	4
KEJB022	<1	6.1	<10	<5	23.2	<10	<10	<5	<0.01	<5	<5	18.3	<1	4
KEJB023	5	6.2	<10	18	1100	<10	<10	<5	<0.01	<5	<5	8.2	<1	11
KEJB024	3	4.7	<10	6	678	<10	<10	<5	<0.01	<5	<5	9.4	<1	6
KEJB025	2	6.8	<10	<5	170	<10	<10	<5	<0.01	<5	<5	9.5	<1	8
KEJB026	1	9.5	<10	<5	107	<10	<10	<5	<0.01	<5	<5	31.3	<1	15
KEJB027	<1	7.5	<10	<5	108	<10	<10	<5	<0.01	<5	<5	29.7	<1	11
KEJB028	<1	7.0	<10	<5	60.6	<10	<10	5	<0.01	<5	<5	32.9	<1	9

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DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W	Y
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Sample Description RDL:	1	0.5	10	5	0.5	10	10	5	0.01	5	5	0.5	1	1
KEJB029	<1	6.1	<10	<5	82.4	<10	<10	<5	<0.01	<5	<5	25.4	<1	11
KEBM001	2	2.6	<10	<5	198	<10	<10	<5	<0.01	<5	<5	15.1	<1	6
KEJB001	4	2.0	<10	28	2030	<10	<10	<5	<0.01	<5	<5	5.7	<1	4
KEJB002	1	4.1	<10	15	910	<10	<10	<5	<0.01	<5	7	26.9	<1	96
KEJB003	<1	2.2	26	<5	161	<10	<10	<5	<0.01	<5	<5	19.3	<1	13
KEKL012X	<1	7.6	<10	<5	38.0	<10	<10	<5	<0.01	<5	<5	18.7	<1	9

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DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEBM002	89.4	5	0.09
KEBM003	31.2	<5	0.15
KEBM004	103	8	0.06
KEBM005	155	12	0.08
KEBM006	248	13	0.20
KEBM007	218	12	0.14
KEBM008	65.6	16	0.01
KEBM009	62.1	12	0.02
KEBM010	57.0	13	0.02
KEBM011	63.2	11	0.02
KEBM012	75.7	11	0.01
KEBM013	70.7	12	0.01
KEBM014	82.5	13	0.02
KEBM015	86.4	12	<0.01
KEBM016	87.4	8	<0.01
KEBM017	45.5	<5	<0.01
KEBM018	58.9	13	0.02
KEBM019	67.0	12	0.02
KEBM020	77.0	11	0.02
KEBM021	85.6	7	<0.01
KEBM022	86.0	5	<0.01
KEBM023	104	6	<0.01
KEBM024	99.8	5	<0.01
KEBM025	93.7	6	<0.01
KEBM026	96.6	6	<0.01
KEBM027	88.4	<5	<0.01
KEBM028	99.0	7	<0.01
KEBM029	65.9	12	0.04
KEBM030	93.8	16	0.03
KEBM031	64.5	9	0.02
KEBM032	77.3	8	0.02
KEBM033	45.4	7	0.02

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DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEBM034	55.0	8	0.01
KEBM035	76.4	11	0.01
KEBM036	56.5	12	0.05
KEBM037	291	<5	0.15
KEBM038	85.1	7	0.02
KEBM039	36.7	<5	0.02
KEBM040	87.6	9	0.05
KEBM041	79.6	9	0.01
KEBM042	83.5	6	0.02
KEBM043	102	7	0.05
KEBM044	204	<5	0.12
KEBM045	123	5	0.08
KEBM046	74.6	7	0.03
KEBM047	62.2	8	0.04
KEBM048	63.8	7	0.02
KEBM049	70.3	8	0.03
KEBM050	8.6	<5	0.01
KEBM051	75.2	6	0.02
KEBM052	71.7	9	0.02
KEBM053	61.4	9	0.03
KEBM054	82.5	8	0.02
KEBM055	92.3	10	0.02
KEBM056	67.6	13	0.02
KEBM057	70.2	10	0.03
KEBM058	70.8	12	<0.01
KEBM059	67.8	8	0.01
KEBM060	65.3	8	0.01
KEBM061	72.4	6	0.04
KEBM062	70.6	5	0.05
KEBM063	89.0	<5	0.03
KEBM064	75.8	8	0.02
KEPE006	42.9	14	0.09

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DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEPE007	45.8	16	0.09
KEPE008	80.2	6	0.02
KEPE009	80.6	<5	<0.01
KEPE010	89.2	7	<0.01
KEPE011	77.8	7	0.02
KEPE012	85.9	7	0.01
KEPE013	75.9	10	0.02
KEPE014	69.7	8	0.04
KEPE015	46.0	17	0.11
KEPE016	103	8	0.15
KEPE017	97.4	<5	0.10
KEPE018	73.1	<5	0.06
KEKL008	71.3	15	0.19
KEKL009	78.0	14	0.10
KEKL010	48.4	15	0.09
KEKL011	49.3	17	0.04
KEKL012	44.9	11	0.03
KEKL014	91.5	<5	0.05
KEKL015	84.4	8	<0.01
KEKL016	97.7	5	<0.01
KEKL017	79.1	<5	<0.01
KEKL018	84.0	7	<0.01
KEKL019	87.8	6	0.01
KEKL020	83.9	7	0.01
KEKL021	89.5	7	0.01
KEKL022	111	6	0.05
KEKL023	72.7	9	0.04
KEKL024	298	<5	0.27
KEKL025	321	<5	0.29
KEKL026	61.4	22	0.38
KEKL027	255	10	0.51
KEKL028	325	8	0.28

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Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEKL029	117	<5	0.07
KEKL030	101	<5	0.08
KEKL031	99.1	<5	0.05
KEKL032	42.6	7	0.05
KEKL033	54.9	<5	0.06
KEKL034	37.3	<5	0.04
KEKL035	35.3	9	0.08
KEKL036	20.1	<5	0.05
KEKL037	68.4	<5	0.07
KEKL038	58.8	7	0.06
KEKL039	79.1	<5	0.03
KEKL040	75.7	<5	0.04
KEKL041	92.9	7	0.02
KEKL042	71.7	8	0.02
KEKL043	75.9	8	0.01
KEKL044	83.3	<5	0.02
KEKL045	76.4	<5	0.09
KEKL046	88.2	<5	0.06
KEKL047	89.6	8	0.04
KEKL048	89.6	6	0.04
KEKL049	104	<5	0.25
KEKL050	83.1	<5	0.15
KEKL051	113	<5	0.14
KEDT001	71.4	12	0.02
KEDT002	61.8	22	0.10
KEDT003	90.5	6	0.09
KEDT004	53.2	13	0.05
KEDT005	81.1	<5	0.02
KEDT007	77.2	15	0.04
KEDT008	54.2	8	0.04
KEDT009	66.2	17	0.05
KEDT010	48.2	13	0.03

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Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEDT011	89.6	9	0.05
KEDT012	25.6	<5	0.01
KEDT014	97.7	<5	0.03
KEDT015	105	<5	0.02
KEDT016	36.2	<5	0.02
KEDT017	31.7	<5	0.02
KEDT018	19.6	<5	0.03
KEDT019	72.5	<5	0.02
KEDT020	74.9	<5	0.01
KEDT021	75.4	<5	0.01
KEDT022	67.9	8	0.01
KEDT023	74.7	8	0.01
KEDT024	71.9	7	0.01
KEDT025	74.7	8	0.02
KEDT026	61.5	6	0.03
KEDT027	72.2	6	0.05
KEDT028	82.6	7	0.01
KEDT029	112	8	0.01
KEDT030	101	<5	0.01
KEDT031	108	<5	0.01
KEDT032	105	6	0.04
KEDT033	92.9	<5	0.02
KEDT034	161	<5	0.17
KEDT035	136	<5	0.22
KEDT036	87.8	5	0.12
KEDT037	87.1	<5	0.07
KEDT038	66.8	5	0.06
KEDT039	91.1	<5	0.03
KEDT040	94.5	<5	0.03
KEDT041	96.9	<5	0.05
KEDT042	81.1	<5	0.08
KEDT043	46.1	<5	0.03

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ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEDT044	101	<5	0.04
KEDT045	35.7	<5	0.04
KEDT046	29.9	<5	0.02
KEDT047	78.3	<5	0.03
KEDT048	111	<5	0.05
KEDT049	118	<5	0.04
KEDT050	121	<5	0.05
KEDT051	120	<5	0.03
KEDT052	90.6	<5	0.03
KEDT053	113	<5	0.03
KEDT054	109	<5	0.01
KEDT055	115	<5	0.02
KEDT056	121	<5	0.01
KEJB010	198	10	0.07
KEJB011	70.2	7	0.03
KEJB012	102	9	0.06
KEJB013	17.5	<5	0.02
KEJB014	70.7	7	0.03
KEJB015	118	11	0.10
KEJB016	68.8	8	0.04
KEJB017	126	5	0.06
KEJB018	79.8	<5	0.02
KEJB019	90.1	<5	0.02
KEJB020	97.5	9	0.03
KEJB021	99.5	<5	0.01
KEJB022	108	<5	<0.01
KEJB023	34.1	6	0.14
KEJB024	36.1	<5	0.04
KEJB025	71.3	5	0.03
KEJB026	99.1	9	0.13
KEJB027	105	11	0.12
KEJB028	101	9	0.12

Certified By: Ron Cardinall

Results relate only to the items tested

AGAT Laboratories

5623 McADAM ROAD
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CANADA L4Z 1N9
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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Zn	Zr	Hg-CVAA
Unit:	ppm	ppm	ppm
Sample Description RDL:	0.5	5	0.01
KEJB029	98.2	5	0.05
KEBM001	18.6	<5	0.02
KEJB001	7.0	<5	0.02
KEJB002	30.9	6	0.04
KEJB003	63.1	<5	0.01
KEKL012X	101	<5	0.04

Comments: RDL - Reported Detection Limit

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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEBM002	0.336	0.014
KEBM003	0.324	0.014
KEBM004	0.342	0.010
KEBM005	0.310	0.003
KEBM006	0.322	0.010
KEBM007	0.260	0.006
KEBM008	0.278	0.003
KEBM009	0.270	0.005
KEBM010	0.234	0.003
KEBM011	0.292	0.001
KEBM012	0.258	0.001
KEBM013	0.260	0.002
KEBM014	0.302	0.009
KEBM015	0.250	0.001
KEBM016	0.346	0.001
KEBM017	0.284	0.001
KEBM018	0.284	0.002
KEBM019	0.280	0.002
KEBM020	0.264	0.002
KEBM021	0.318	0.002
KEBM022	0.306	<0.001
KEBM023	0.350	<0.001
KEBM024	0.342	<0.001
KEBM025	0.330	<0.001
KEBM026	0.276	<0.001
KEBM027	0.296	<0.001
KEBM028	0.322	<0.001
KEBM029	0.324	<0.001
KEBM030	0.348	<0.001
KEBM031	0.298	<0.001
KEBM032	0.216	<0.001
KEBM033	0.228	<0.001

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEBM034	0.232	<0.001
KEBM035	0.220	<0.001
KEBM036	0.238	0.007
KEBM037	0.216	0.002
KEBM038	0.266	0.016
KEBM039	0.218	<0.001
KEBM040	0.278	<0.001
KEBM041	0.262	<0.001
KEBM042	0.288	<0.001
KEBM043	0.266	0.001
KEBM044	0.256	0.001
KEBM045	0.302	0.002
KEBM046	0.320	<0.001
KEBM047	0.280	<0.001
KEBM048	0.224	<0.001
KEBM049	0.236	<0.001
KEBM050	0.318	<0.001
KEBM051	0.276	0.005
KEBM052	0.318	<0.001
KEBM053	0.290	<0.001
KEBM054	0.286	<0.001
KEBM055	0.246	<0.001
KEBM056	0.222	0.001
KEBM057	0.288	0.013
KEBM058	0.292	<0.001
KEBM059	0.272	<0.001
KEBM060	0.302	<0.001
KEBM061	0.314	<0.001
KEBM062	0.304	0.001
KEBM063	0.342	0.001
KEBM064	0.246	0.001
KEPE006	0.304	<0.001

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Certificate of Analysis

AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEPE007	0.278	<0.001
KEPE008	0.322	0.001
KEPE009	0.242	<0.001
KEPE010	0.206	0.003
KEPE011	0.170	<0.001
KEPE012	0.188	0.006
KEPE013	0.128	<0.001
KEPE014	0.236	<0.001
KEPE015	0.204	<0.001
KEPE016	0.212	<0.001
KEPE017	0.282	0.002
KEPE018	0.246	0.001
KEKL008	0.314	<0.001
KEKL009	0.296	0.004
KEKL010	0.262	<0.001
KEKL011	0.264	0.009
KEKL012	0.312	<0.001
KEKL014	0.310	0.002
KEKL015	0.258	<0.001
KEKL016	0.348	<0.001
KEKL017	0.308	<0.001
KEKL018	0.224	<0.001
KEKL019	0.430	<0.001
KEKL020	0.368	<0.001
KEKL021	0.380	<0.001
KEKL022	0.226	<0.001
KEKL023	0.282	<0.001
KEKL024	0.242	0.003
KEKL025	0.292	<0.001
KEKL026	0.296	0.007
KEKL027	0.320	<0.001
KEKL028	0.262	<0.001

Certified By: Ron Cardinall

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AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEKL029	0.282	0.002
KEKL030	0.362	<0.001
KEKL031	0.290	<0.001
KEKL032	0.352	0.001
KEKL033	0.342	0.007
KEKL034	0.366	<0.001
KEKL035	0.362	0.001
KEKL036	0.304	<0.001
KEKL037	0.274	<0.001
KEKL038	0.408	<0.001
KEKL039	0.402	0.007
KEKL040	0.306	<0.001
KEKL041	0.324	<0.001
KEKL042	0.434	<0.001
KEKL043	0.352	<0.001
KEKL044	0.270	<0.001
KEKL045	0.274	0.006
KEKL046	0.234	<0.001
KEKL047	0.432	<0.001
KEKL048	0.352	<0.001
KEKL049	0.296	0.003
KEKL050	0.318	0.006
KEKL051	0.212	<0.001
KEDT001	0.244	<0.001
KEDT002	0.124	<0.001
KEDT003	0.164	<0.001
KEDT004	0.204	0.006
KEDT005	0.130	<0.001
KEDT007	0.116	<0.001
KEDT008	0.146	<0.001
KEDT009	0.124	<0.001
KEDT010	0.110	0.010

Certified By: Ron Cardinall

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Certificate of Analysis

AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEDT011	0.084	<0.001
KEDT012	0.124	<0.001
KEDT014	0.114	0.001
KEDT015	0.160	<0.001
KEDT016	0.124	<0.001
KEDT017	0.172	<0.001
KEDT018	0.108	<0.001
KEDT019	0.116	0.001
KEDT020	0.144	<0.001
KEDT021	0.124	0.005
KEDT022	0.120	0.007
KEDT023	0.138	<0.001
KEDT024	0.154	0.003
KEDT025	0.132	0.002
KEDT026	0.164	0.001
KEDT027	0.166	0.006
KEDT028	0.114	<0.001
KEDT029	0.158	0.001
KEDT030	0.116	<0.001
KEDT031	0.144	0.002
KEDT032	0.114	0.007
KEDT033	0.140	0.001
KEDT034	0.136	0.002
KEDT035	0.118	0.003
KEDT036	0.112	0.044
KEDT037	0.146	0.003
KEDT038	0.118	<0.001
KEDT039	0.144	<0.001
KEDT040	0.110	0.002
KEDT041	0.164	0.008
KEDT042	0.120	<0.001
KEDT043	0.126	<0.001

Certified By: Ron Cardinall

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AGAT WORK ORDER: 11Y514309

PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEDT044	0.128	0.002
KEDT045	0.114	0.001
KEDT046	0.140	0.008
KEDT047	0.122	<0.001
KEDT048	0.100	0.001
KEDT049	0.124	0.009
KEDT050	0.116	<0.001
KEDT051	0.110	<0.001
KEDT052	0.090	0.004
KEDT053	0.122	0.006
KEDT054	0.128	<0.001
KEDT055	0.116	<0.001
KEDT056	0.126	<0.001
KEJB010	0.236	<0.001
KEJB011	0.214	<0.001
KEJB012	0.226	0.004
KEJB013	0.242	0.002
KEJB014	0.236	0.002
KEJB015	0.222	0.003
KEJB016	0.280	0.003
KEJB017	0.278	0.002
KEJB018	0.248	0.002
KEJB019	0.242	0.009
KEJB020	0.248	<0.001
KEJB021	0.232	<0.001
KEJB022	0.254	0.002
KEJB023	0.232	0.003
KEJB024	0.176	0.007
KEJB025	0.214	<0.001
KEJB026	0.234	0.005
KEJB027	0.230	<0.001
KEJB028	0.264	0.002

Certified By: Ron Cardinall

Results relate only to the items tested

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5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
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FAX (905)501-0589
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Certificate of Analysis

AGAT WORK ORDER: 11Y514309
PROJECT NO:

CLIENT NAME: ARCTURUS VENTURES

ATTENTION TO: BRANDON MACDONALD

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

DATE SAMPLED: Jul 28, 2011 | DATE RECEIVED: Jul 26, 2011 | DATE REPORTED: Aug 17, 2011 | SAMPLE TYPE: Rock

Analyte:	Sample Login Weight	Au
Unit:	kg	ppm
Sample Description RDL:	0.01	0.001
KEJB029	0.244	0.001
KEBM001	0.972	<0.001
KEJB001	0.814	0.002
KEJB002	0.900	<0.001
KEJB003	1.180	<0.001
KEKL012X	0.254	<0.001

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: 11Y514309

PROJECT NO:

ATTENTION TO: BRANDON MACDONALD

Solid Analysis

RPT Date: Aug 17, 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	2576026	< 0.001	< 0.001	0.0%	< 0.001	0.0821	0.0849	97%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2575952	< 0.001	< 0.001	0.0%	< 0.001	0.207	0.203	102%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2576081	0.001	< 0.001		< 0.001	0.202	0.203	100%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2575996	< 0.001	< 0.001	0.0%	< 0.001	0.0819	0.0849	96%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2576010	< 0.001	0.002		< 0.001	0.195	0.203	96%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2576040	< 0.001	0.001		< 0.001	0.192	0.203	95%	80%	120%
Fire Assay - Trace Au, ICP-OES finish (202052)											
Au	1	2576108	0.0018	0.0014	25.0%	< 0.001				80%	120%

Certified By: Ron Cardinall

Results relate only to the items tested

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Method Summary

CLIENT NAME: ARCTURUS VENTURES

AGAT WORK ORDER: 11Y514309

PROJECT NO:

ATTENTION TO: BRANDON MACDONALD

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
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
Sample Login Weight	MIN-12009		BALANCE
Au	MIN-200-12006	BUGBEE, E: A Textbook of Fire Assaying	ICP-OES

Results relate only to the items tested

CLIENT: ARCTURUS VENTURES INC.

AGAT LABORATORIES

ASSAY CERTIFICATE

KE PROJECT - SILT SEDIMENT SAMPLES

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

No	Name	Au (ppb)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Be (ppm)	Bi (ppm)	Ca (%)	Cd (ppm)	Ce (ppm)	Co (ppm)
1	105O09 100	1.88	0.11	1.01	22.9	127	0.54	1.77	0.51	0.34	103	10.5
2	105O09 101	0.67	0.22	0.71	15.9	235	0.94	0.42	0.58	0.37	20.8	16.5
3	105O09 103	1.17	0.21	0.76	24.2	138	0.68	0.48	1.13	0.49	35.3	14
4	105O09 104	14.4	0.09	0.57	123	137	1.05	0.43	0.21	0.18	18.9	22.7
5	105O09 105	0.9	0.11	0.67	13.9	77	1.02	0.35	1.55	0.34	19.8	15.5
6	105O09 106	0.5	0.07	1.04	11.8	86	0.94	0.32	0.69	0.2	20.7	14.5
7	105O09 107	1.12	0.11	0.64	14.4	75	1.03	0.39	0.91	0.33	20.4	16.8
8	105O09 200	1.39	0.28	1.81	54.7	129	1.21	0.57	0.13	0.28	69.5	16
9	105O09 201	0.31	0.69	0.94	23.2	119	0.93	0.3	0.48	2.33	64.4	20
10	105O09 202	1.07	0.11	1.43	8.6	172	1.19	0.65	0.21	0.12	20	19.1
11	105O09 203	1.01	0.24	1.7	46.6	142	1.12	0.52	0.15	0.22	62	16.1
12	105O09 204	0.3	0.3	1.11	11.6	127	1	0.39	0.34	0.48	17	18.1
13	105O09 205	0.24	0.09	0.9	7.8	95	0.41	0.2	11	0.14	14.7	7.2
14	105O09 206	0.61	0.08	1.17	14.5	117	1.02	0.4	0.22	0.1	27.5	20.9
15	105O09 901	1.09	0.1	1.04	10.4	90	1.08	0.35	0.21	0.1	20.4	19.3

CLIENT: ARCTURUS VENTURES INC.

AGAT LABORATORIES

ASSAY CERTIFICATE

KE PROJECT - SILT SEDIMENT SAMPLES

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

Cr (ppm)	Cs (ppm)	Cu (ppm)	Fe (%)	Ga (ppm)	Ge (ppm)	Hf (ppm)	Hg (ppm)	In (ppm)	K (%)	La (ppm)	Li (ppm)	Mg (%)
15	5.34	35.4	2.27	3.89	0.09	0.06	0.02	0.022	0.28	53.4	23.4	0.48
12.1	2.2	46	3.72	2.5	0.06	0.03	0.05	0.042	0.07	10	15.5	0.29
12.5	3.09	46.1	2.71	2.86	0.06	0.24	0.03	0.029	0.12	18.7	18.5	0.42
9.8	4.93	40.1	5.1	2.04	0.07	0.03	0.08	0.056	0.05	8.8	10	0.32
12.4	7.09	33.7	3.52	2.59		0.03	0.08	0.046	0.06	9.6	8.9	0.23
16.3	14.9	24	3.84	3.62	0.06	0.03	0.05	0.039	0.06	10.3	16.2	0.31
12.2	3.88	30.3	3.79	2.56	0.06	0.04	0.06	0.048	0.05	9.8	8.8	0.23
20.5	6.9	48.1	3.73	5.74	0.07		0.06	0.029	0.12	27.6	39.7	0.36
16.4	3.85	107	4.08	3.01	0.07		0.09	0.041	0.11	27.1	22.4	0.53
22.8	3.27	46.3	4.2	4.77	0.07	0.02	0.02	0.039	0.07	9.3	30.5	0.51
22	5.54	45.2	3.68	5.74	0.07		0.04	0.031	0.11	24.2	36.6	0.39
18.6	2.99	52.5	3.69	3.69	0.06	0.04	0.06	0.035	0.08	7.5	22.7	0.44
12.1	1.72	23.2	2.55	2.19		0.03	0.02	0.02	0.08	7.3	8.8	0.68
20.6	2.69	41.4	4.7	4.63	0.07	0.05	0.05	0.054	0.07	13.1	15.9	0.43
17.6	2.4	31.5	4.07	3.56	0.07	0.04	0.06	0.048	0.06	9.2	13.4	0.35

CLIENT: ARCTURUS VENTURES INC.

AGAT LABORATORIES

ASSAY CERTIFICATE

KE PROJECT - SILT SEDIMENT SAMPLES

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

Mn (ppm)	Mo (ppm)	Na (%)	Nb (ppm)	Ni (ppm)	P (ppm)	Pb (ppm)	Rb (ppm)	Re (ppm)	S (%)	Sb (ppm)	Sc (ppm)	Se (ppm)
441	1.67	0.02	1.65	15.9	939	11.1	32.5		0.046	0.98	3.4	0.3
600	2.23		0.33	32.2	462	21.2	7.6	0.001	0.036	1.25	6.5	0.9
599	2.5	0.01	0.72	26.8	529	18.4	15.3	0.001	0.033	1.77	5.1	0.6
810	1.03		0.11	36.7	339	24.3	6.4		0.074	4.32	7.6	0.5
487	1.3		0.29	25.3	470	22.1	12.3	0.002	0.084	1.04	5.2	1.1
574	0.51		0.43	25.4	429	20.6	13.1	0.001	0.073	0.68	4.7	1
580	0.8		0.26	27.6	429	20.4	9.2	0.001	0.063	1.03	6	1
324	2.18		0.79	29.3	681	19.8	19.9	0.001	0.081	2.1	3.8	1.3
684	10.8		0.11	58	856	19.5	10.1	0.008	0.182	3.66	5.5	4
832	0.88		0.16	33	295	25.6	7.7		0.025	0.48	5.6	0.5
370	1.89		0.7	28.7	585	19.8	17	0.001	0.054	1.73	3.8	1
679	2.37		0.15	34.4	436	23.8	8.3	0.001	0.048	1.11	4.9	1.2
569	0.38	0.01	0.32	12.9	304	10.1	8.9		0.196	0.42	3.1	0.8
987	0.73		0.26	30.6	340	26	8.7		0.026	0.66	6.9	
614	0.56		0.16	29.2	361	24.5	6.4		0.078	0.56	6.8	

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ASSAY CERTIFICATE

KE PROJECT - SILT SEDIMENT SAMPLES

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

Sn (ppm)	Sr (ppm)	Ta (ppm)	Te (ppm)	Th (ppm)	Ti (%)	Tl (ppm)	U (ppm)	V (ppm)	W (ppm)	Y (ppm)	Zn (ppm)	Zr (ppm)
0.8	36.7		0.03	18.6	0.095	0.34	6.76	37.9	4.58	11.4	87.5	3.3
0.3	45.3		0.04	4.9		0.08	1.12	21.2	0.44	7.52	145	1.8
0.6	62.1		0.04	8.9	0.03	0.19	1.65	25.1	0.55	9	117	11.2
0.2	22.7		0.03	5.5		0.06	0.76	17.3	0.85	5.48	146	2
0.4	34.8		0.03	4		0.06	0.95	18.1	0.08	5.72	132	1.1
0.4	30.6		0.02	4.6		0.06	0.67	20.2	0.19	5.17	144	1.4
0.3	35.7		0.03	4.6		0.06	0.72	17.7	0.1	5.83	132	1.3
0.6	24.2		0.04	5.2	0.011	0.24	2.16	30.5	0.56	8.67	114	0.5
0.4	65.1		0.07	4.7		0.18	3.34	35.2	0.08	11.9	282	1.8
0.5	28.8		0.03	4.4		0.05	0.85	19.6	0.21	6.42	116	1.2
0.6	24.4		0.03	5.2	0.007	0.2	1.83	29.5	0.43	7.43	113	
0.4	35.9		0.06	4		0.08	1.22	21.1		7.79	145	1.8
0.3	267		0.01	3.2	0.006	0.06	0.68	18.3	0.12	3.21	75.6	1.2
0.6	31		0.02	7.6		0.07	0.82	21.2	0.53	5.76	124	3.6
0.4	19.3		0.01	5.8		0.05	0.69	18	0.16	5.18	117	3.4