ARCTURUS VENTURES INC.

ASSESSMENT REPORT ON THE 2010 GEOLOGICAL AND GEOCHEMICAL PROGRAM

ON

1ST BASE CLAIMS

1 – 4	**YB 51866 - 51869**
13 – 20	**YB51878 - 51885**
28 – 44	**YB51894 - 51909**

FINLAYSON LAKE AREA

WATSON LAKE MINING DISTRICT
YUKON

June 15 – June 20, 2010

NTS SHEET 105 G/07

Latitude 61° 21' N, Longitude 130° 50' W

Prepared by
By: R. Stroshein, P.Eng.

May 10, 2011

Table of Contents

List of Figures

List of Appendices

1.0 SUMMARY

The 1st Base claim group is located in the Finlayson Lake Region on NTS Map Sheet 105 G/7 of the Watson Lake Mining District, Yukon. The property is 210 kilometres northwest of Watson Lake, Yukon. Access to the property is by Helicopter from the Robert Campbell Highway 50 kilometres north of the property. The location of the property is displayed on Figure 1.

The 1st Base claim group is composed of 28 Quartz claims with an area of 665 hectares.

The 1st Base claims are located in the Finlayson Lake VMS (Volcanogenic Massive Sulphide) district of east central Yukon Territory. The district hosts significant mineral resources in multiple deposits. The deposits in the district occur in volcanic rocks of Devono-Mississippian and Carboniferous ages. These deposits have been classified as Kuroko- and Besshi-types. The deposits are generally stratabound within units of felsic volcanic rocks (Kuroko-type) or mafic volcanic rocks (Besshi-type). The stratigraphy on the 1st Base claims correlates with the regional geology of the Kuroko-type deposit at the Wolverine deposit.

The 1st Base claim group has undergone exploration including; airborne EM and magnetic surveys, reconnaissance silt and soil geochemical sampling, prospecting and reconnaissance geological mapping and diamond drilling. This exploration has identified a prospective horizons within the volcanic stratigraphy that correlates with the Kuroko-type VMS deposits.

Three targets have been recommended for further evaluation:

●Target 1 – Anomaly "A" – A felsic (meta-rhyolite) unit associated with the large copper-in-soil anomaly situated at near the top of ridge on the 1st Base 29 – 31 claims. Test for source of weakly mineralized float train dispersed in cirque. The potential source is in the lower plate rocks under the mapped thrust fault. Target is Kuroko type mineralization or a source possibly related to the thrust fault.

●Target 2 – Anomaly "D" – A moderately anomalous copper and zinc-in soil anomaly and HLEM conductor "B" on the 1st Base 42 and 44 claims. Potential for shale hosted zinc-lead mineralization.

●Target 3 – Anomaly "B" – A copper-lead-zinc-in-soil anomaly that is located on the 1st Base claim. Target is felsic volcanic horizons within the sequence with potential for Kuroko type mineralization.

The location of the anomalies are displayed with the copper soil geochemistry on Figure 7.

Diamond drilling is recommended to test the stratigraphy in the vicinity of the soil anomalies. Drill holes should be steeply inclined or vertical. The approximate locations on the proposed diamond drill holes are displayed on Figure 6. The exact location will be defined in the field at the time of the drill program. A budget of $183,315 has been proposed.

.

ARCTURUS VENTURES INC.

1st BASE PROPERTY
YUKON TERRITORY

LOCATION MAP

DATE: February, 2011

FIGURE: 1

2.0 INTRODUCTION

The 2010 exploration program involved 18.5 man days with three (3) geologists carrying out prospecting, geological mapping and geochemical rock and soil sampling. A total of 34 rock and 95 soil samples were collected. The exploration was carried out between June 16 and 20, 2010.

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

3.0 LOCATION AND ACCESS

The 1st Base claims are located two kilometres west of Grass Lakes and 200 kilometres northwest of Watson Lake, Yukon. Access to the property is by helicopter from Ross River and staging areas along the Robert Campbell Highway near Finlayson Lake. Helicopter was supplied by Trans North Helicopters from the permanent base at Ross River for the 2010 exploration program.

The property covers a prominent mountain peak with adjacent valleys draining east, south and north. The terrain is alpine featuring rocky cirques and steep slopes divided by steep sided creek valleys.

4.0 PROPERTY

The property is comprised of 36 quartz claims as shown in Figure 2 and listed in Table I.

Table I RB Claims

1st Base 1 – 4	YB51866 – YB51869	November 30, 2015
1st Base 13 – 20	YB51878 – YB51885	November 30, 2015
1st Base 28 – 44	YB51894 – YB51909	November 30, 2015

UTM NAD83

ARCTURUS VENTURES INC.
FINLAYSON PROJECT

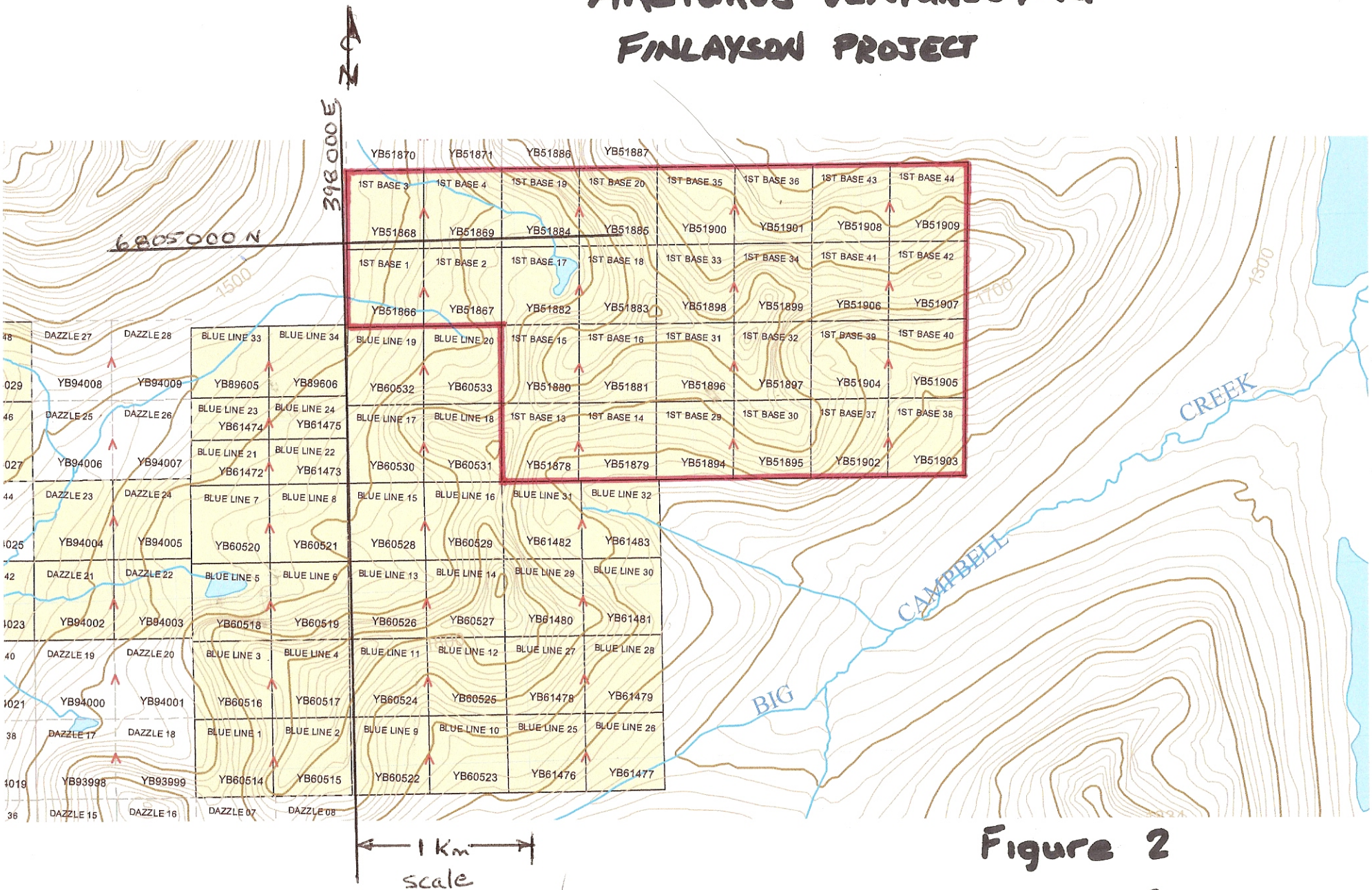


Figure 2

1ST BASE CLAIMS
LOCATION MAP
105G 07
WATSON LAKE MINING DISTRICT

MAY 10, 2011

5.0 HISTORY

The 1st Base claims area has been intermittently explored between 1966 and 1995 by a number of different companies. The exploration consisted of reconnaissance geochemical and geophysical surveys that have never been followed up with diamond drilling. The phases of exploration coincided with discoveries of base metal deposits beginning with Faro in 1966 and Kudz Ze Kayah in 1994. A summary report of these exploration programs is outlined in Minfile occurrence 105 G 142.

The original 1st Base claims were staked by B. Macdonald in 1994 and carried out mapping and soil sampling in 1995. The claim area was included in a regional airborne geophysical survey flown by Aerodat Inc. Arcturus Resources Ltd. optioned the property and carried out detailed soil sampling, geological mapping and ground geophysical programs in 1996. Arcturus Resources conducted a detailed max-min survey and drill three diamond drill holes (357 metres) in 1997. In 19999 Arcturus Resources Ltd. changed to Arcturus Ventures Inc.

In 2010 Arcturus Ventures Inc. carried fill in soil sampling and geological mapping in the four soil anomalies identified on the property in 1996. The anomalies are as “A”, “B”, “C” and “D”.

6.0 GEOLOGICAL SETTING

6.1 Regional Geology

The 1st Base property is in the Yukon Tanana Terrane (YTT) in southeastern Yukon most recently mapped by Murphy and Piercey (1999). The YTT in the 1st Base area is composed of a package of rocks termed the Layered Metamorphic Sequence (LMS). The LMS is a penetratively deformed volcano-sedimentary assemblage previously referred to as the Nasina Quartzite and Klondike Schist. The Regional Geology is displayed in Figure 3. The LMS has been intruded by contemporaneous meta-gabbro sills and a group of Palaeozoic plutonic and meta-plutonic rocks. Cretaceous to Tertiary aged volcanic, sub-volcanic and plutonic rocks intruded the package of rocks.

Two phases of deformation with regional metamorphism are recognized in the YTT. The regional metamorphism is in the green schist to lower amphibolite facies. The sub-horizontal foliation is sub-parallel to the compositional layering. The foliation in the 1st Base area strikes west to northwest and dips gently to the north and northwest.

6.2 Property Geology

There are three rock units mapped on the 1st Base property. The property geology is displayed on Figure 4 1st Base Geology. The rock units are meta-sedimentary or meta-volcanic rocks. The units correlate with regional units mapped by Murphy and Piercey (1999).

The property is underlain by plagioclase-actinolite-chlorite schist, and lesser carbonaceous phyllite and quartzite;e (PPN3). The PPN3 schist unit is overlain by quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist of the DMN3 unit. A calcareous actinolite-plagioclase-chlorite-biotite schist, plagioclase-actinolite-chlorite schist, and lesser carbonaceous phyllite and quartzite of Unit PPa caps the sequence on peaks.

Figure 3: Regional Geology

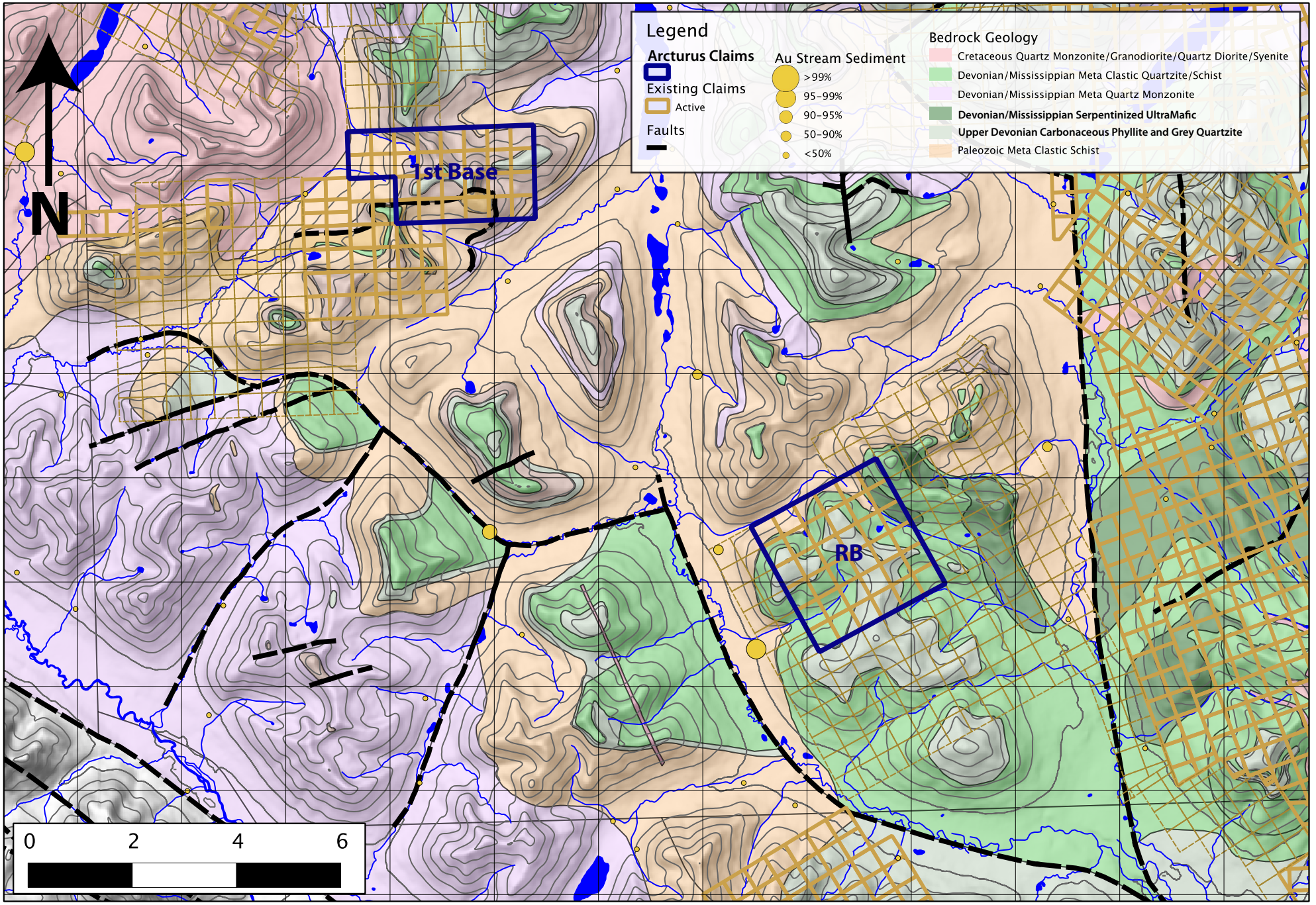
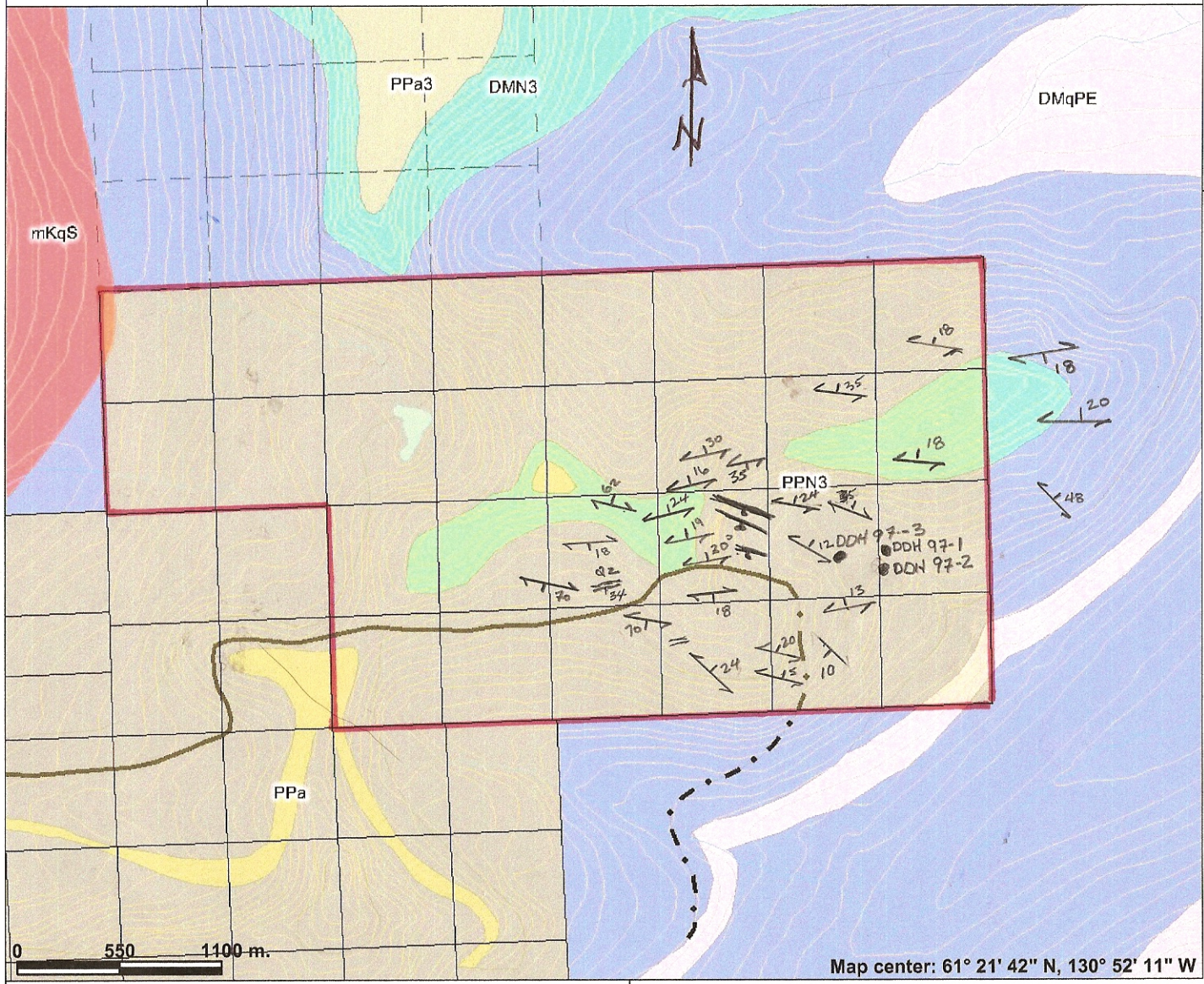
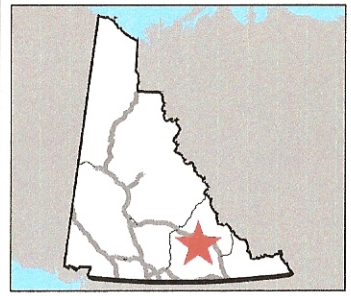


FIGURE 4

1st Base Geology





Legend

Yukon Border - Surveyed

Quartz Claims

- Active
- Expired

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

N

Scale: 1:32,283

Map center: 61° 21' 42" N, 130° 52' 11" W

ARCTURUS VENTURES INC.

GEOLOGICAL LEGEND 1ST BASE CLAIMS

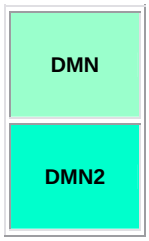
MID-CRETACEOUS

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

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

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)**

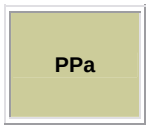
DEVONIAN, MISSISSIPPIAN AND(?) OLDER



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

1. dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (+/-chlorite; +/- feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit **(Nasina assem.)**
2. marble **(Nasina assem.)**
3. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage
4. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Klondike Schist Assemblage
5. black-weathering, massive, dark grey to black strongly graphitic quartzite with lesser grey micaceous quartzite and quartz mica schist; commonly shows alternating light and dark grey colour lamination **(Nasina quartzite)**
6. biotite schist or gneiss; association uncertain, may belong to Nisling Assemblage

PROTEROZOIC AND PALEOZOIC



PPa: AMPHIBOLITE
metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association; i.e.) may belong in part or entirely to Nisling, Nasina, and Slide Mountain assemblages and (3), mafic-ultramafic intrusions within Nasina assemblage

1. medium to dark green weathering chlorite (+/-biotite) schist, amphibolite, banded amphibolite gneiss, garnet amphibolite; minor chloritic quartz-mica schist, graphitic quartz-mica schist, quartzite, and limestone
2. variably altered and serpentinized ultramafic rocks
3. calcareous actinolite-plagioclase-chlorite-biotite schist, plagioclase-actinolite-chlorite schist, and lesser carbonaceous phyllite and quartzite; metamorphosed ultramafic rocks including dunite and pyroxenite, locally serpentinized

7.0 MINERALIZATION

Anomalous copper, lead and zinc geochemical anomalies are found on and below the gossan zones. Four soil geochemical anomalies have been identified in the southern portion of the property. The strongest anomaly "A" has copper values greater than 250 ppm over a 300 by 400 metre area with coincident lead and zinc anomalous values.

Magnetic and EM geophysical surveys have located a number of conductors on the property. Three drill holes (357) tested several anomalies in a cirque below the geochemical anomalies and stratigraphically lower in the geological section. The conductors proved to be graphitic horizons.

The rock sampling program in 2010 collected 34 samples from outcrop and float. All samples contained sulphide mineralization that was predominantly pyrite. The highest assay values were from a float sample of orange weathering massive felsic rock that contained abundant cavities that contained blue weathering oxides (possibly azurite or smithsonite) that yielded results of 311 ppm copper, 7350 ppm lead and 374 ppm zinc. The sample was from a dispersed boulder train in the cirque wall below Anomaly "A".

Rusty orange or red weathered buff colored quartz-muscovite-sericite schist horizons are distinctive in outcrop. The units are weakly anomalous in copper and zinc (up to 143.5 ppm copper and 436 ppm zinc) and are probable felsic volcanic units or possibly exhalative horizons within the volcano-sedimentary sequence. These horizons occur within Anomalies "A", "B" and "C".

In the northeastern portion of the property outcrop of graphitic schist with abundant disseminated pyrite is exposed along the ridge crest it is also weakly anomalous in copper-zinc with assay results of up to 145.5 ppm copper and 354 ppm zinc. The occurrence coincides with anomaly "D" identified in the 1996 exploration program. The geologic setting is similar to shale hosted zinc-lead (SEDEX) type deposits.

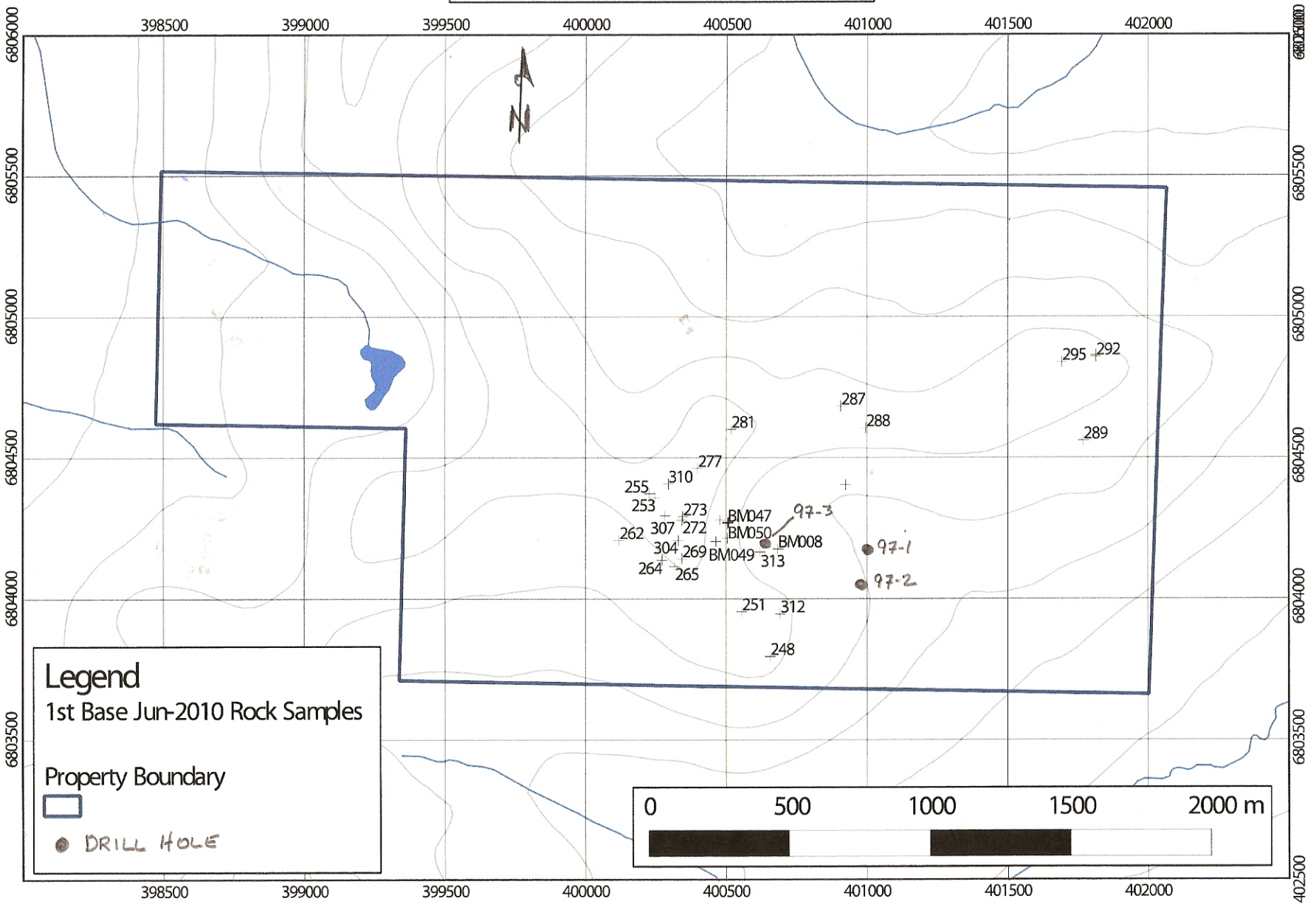
Figure 5 shows the geochemical dispersion for copper on the property and outlines of the Anomalies "A" to "D".

8.0 EXPLORATION

In 2010 Arcturus Ventures Inc. conducted geologic mapping, prospecting and soil sampling on the 1st Base property. A total of 16.5 man days were spent in the field with additional preparation time and expediting. Thirty-four rock samples were collected from outcrops or float on the property. Ninety-five soil samples were collected from systematic grid lines to fill in the earlier identified anomalies. The rock sample locations are displayed on Figure 5 with the location coordinates, descriptions and selected assays are presented in Appendix C. The soil sample lines are displayed on Figure 6 with the coordinates and selected assays presented in Appendix D. All assays for rock and soil samples from ALS Canada Laboratories are presented in Appendix E.

Figure 5

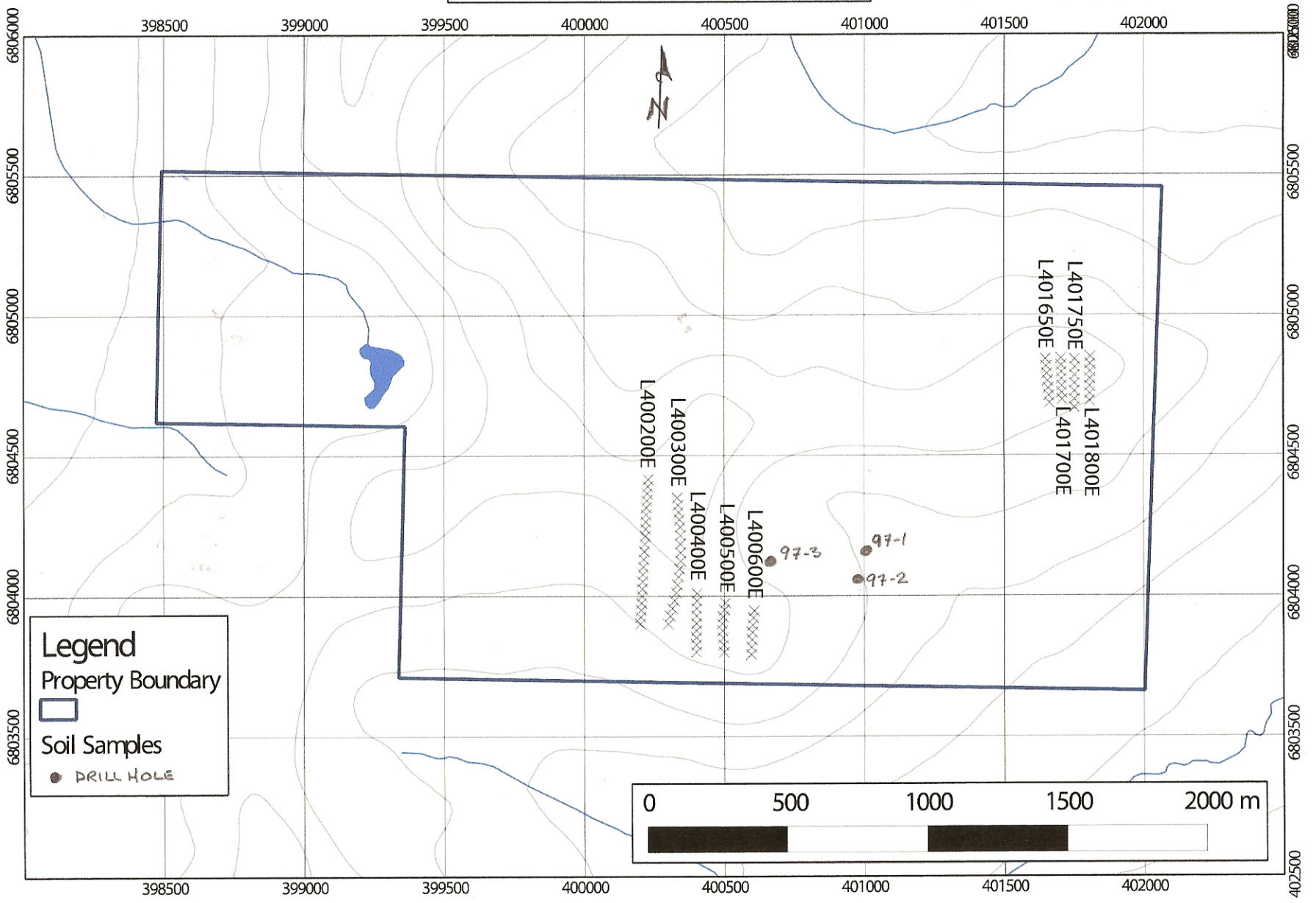
FIRST BASE CLAIMS
ROCK SAMPLE LOCATIONS



UTM NAD83 Zone 9N

Figure 6

FIRST BASE CLAIMS
SOIL SAMPLE LOCATIONS



UTM NAD83 Zone 9N

9.0 SAMPLING METHODS AND APPROACH

Rock chip samples were collected from rusty weathering and mineralized horizons in bedrock exposures or from mineralized float. Representative rock chips across the stratigraphic intervals with location, width of sample and descriptions of the samples recorded in the field. The sample locations and outcrops were determined by hand-held GPS instruments. The sample location was marked in the field with an identifying station tag and flagging tape.

Soil samples were collected along lines located by hand-held GPS instruments and compass. Lines were located at 100 metre separation and samples collected along the lines at 25 metre intervals. Soil samples were collected from the "B" soil horizon using mattock. Depths and color of the soil sample with adjacent float material was recorded. Depths of sample ranged from 10 centimetres to 40 centimetres. Sample locations were marked in the field with the station number on flagging tape.

10.0 SAMPLE PREPARATION, ANALYSIS AND SECURITY

The samples collected in the field were under supervision to Whitehorse. The samples were sorted, air dried and delivered to ALS Laboratories at Whitehorse and transported under ALS Laboratories to ALS Minerals Laboratory in North Vancouver for analysis.

Assay certificates are included in Appendix 3 of this report.

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

Multi-element analyses for rock samples were carried out at ALS Canada at the Minerals Laboratory in North Vancouver, B.C. Each sample was dried, fine crushed to better than 70% passing -2mm and then a 250 g 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 emission spectroscopy analysis and for 51 other elements using an aqua regia digestion and inductively coupled plasma-atomic emission spectroscopy analysis (Au-TL42) and ME-MS41).

Analyses were done using industry-standard fire assay and ICP techniques. The ALS Canada's Minerals Laboratory in Vancouver carries ISO 9001:2000 registration and is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures including fire assay Au by AA, ICP and gravimetric finish, and multi-element ICP and AA assays for Ag, Cu, Pb and Zn.

11.0 INTERPRETATION AND CONCLUSIONS

Geological mapping indicates that the magnetite-sulphide occurrences on the RB property are volcanogenic and stratabound. The property is underlain by the same stratigraphic units that host the Fyre Lake VMS Besshi-type deposit. The increased thickening of the upper carbonaceous unit is further support for the previously postulated contemporaneous growth fault trending through the property (Foreman, 2004). The magnetite (oxide) iron formation deposits form distal to VMS mineralization often overlying the deposits.

Soil and rock geochemistry indicates a broad copper anomaly north and south of the JD showing and east of the DM showings covering the prospective stratigraphy to host a VMS type deposit. Figures 4 and 5 highlight the shallow dipping nature of the stratigraphy with coincident copper geochemical anomalies and the prospective horizon for hosting a Besshi-type VMS deposit.

12.0 RECOMMENDATIONS

Three targets have been recommended for further evaluation:

●Target 1 – Anomaly "A" – A felsic (meta-rhyolite) unit associated with the large copper-in-soil anomaly situated at near the top of ridge on the 1st Base 29 – 31 claims. Test for source of weakly mineralized float train dispersed in cirque. The potential source is in the lower plate rocks under the mapped thrust fault. Target is Kuroko type mineralization or a source possibly related to the thrust fault.

●Target 2 – Anomaly "D" – A moderately anomalous copper and zinc-in soil anomaly and HLEM conductor "B" on the 1st Base 42 and 44 claims. Potential for shale hosted zinc-lead mineralization.

●Target 3 – Anomaly "B" – A copper-lead-zinc-in-soil anomaly that is located on the 1st Base claim. Target is felsic volcanic horizons within the sequence with potential for Kuroko type mineralization.

The target anomalies are displayed on Figure 7 with the copper-in-soil geochemistry.

Diamond drilling is recommended to test the stratigraphy in the vicinity of the soil anomalies. Drill holes should be steeply inclined or vertical. The approximate locations on the proposed diamond drill holes are displayed on Figure 6. The exact location will be defined in the field at the time of the drill program.

Helicopter support for drilling program is recommended. A quality control program is also recommended including use of commercial standard samples for copper and gold.

Proposed Budget

Diamond Drilling – five drill holes @ 125 metres average depth		
675 metres @ $ 150/m including fuel, core boxes, mob/demob		$ 101,250.
Helicopter Support - moves and crew changes – 25 hours @ $1200/hr		30,000.
Assays – 200 samples @ $32/sample		6,400.
Camp costs – 80 man days @ $50/man day		4,000.
Labor costs	Geologist 20 days @ $500/day	10,000.
	Core Splitter 20 days @ $250/day	5,000.
	Field hand for on site support 20 days @ $250/day	5,000.
Ground transportation, shipping and expediting		5,000.
Contingency at 10 %		16,665..
Total		**$ 183,315.**

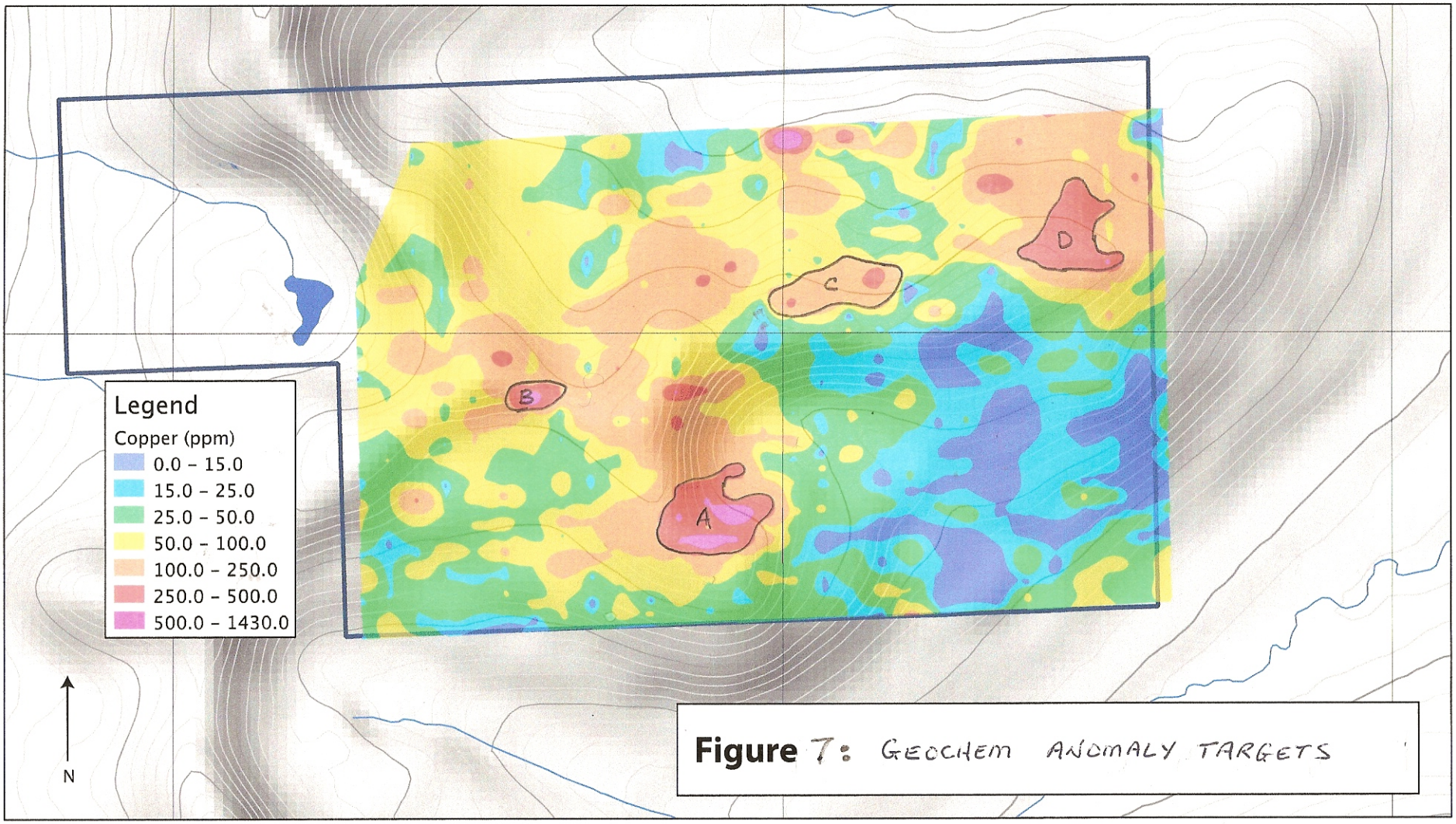


Figure 7: GEOCHEM ANOMALY TARGETS

ARCTURUS VENTURES INC.

FIRST BASE CLAIMS

13.0 REFERENCES

Davidson, G.S., 1997. Assessment Report on the 1st Base claims Grass Lakes area, NTS 105 G – 7, Assessment Report Number 093647.

Foreman, I.J., 1998. The Fyre Lake Project 1997: Geology and Mineralization of the Kona massive sulphide deposit. In: Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon Indian and Northern Affairs Canada, p. 105 – 113.

Murphy, D.C. and Piercey, S.J., 1999. Open File 1999 – 4, Geological Map of parts of Finlayson Lake (105 G/7,8 and parts of 1,2 and 9) and Frances Lake (parts of 105H/5 and 12) map areas, southeastern Yukon (1:100,000 scale).

Murphy, D.C. and Piercey, S.J., 2000. Syn-mineralization faults and their re-activation, Finlayson Lake massive sulphide district, Yukon-Tanana Terrane, southeastern Yukon. In: Yukon Exploration and Geology 1999, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p.55-66.

Yukon Minfile. Map Sheet 105 G. Yukon Geology Program, Whitehorse, Yukon.

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-seven years since graduation from university primarily in Yukon.

5) I have examined the mineralization and host lithologies in the Finlayson Lake VMS district and have been an active participant in exploration programs in the region since 1974. I have conducted geochemical and geophysical surveys, geological mapping and diamond drilling on a number of properties in the region including the Fyre Lake Property.

6) I conducted geological mapping and sampling on the 1st Base property from June 15 – 20, 2010.

Dated at Whitehorse, Yukon Territory this 10th day of May, 2011

Robert W. Stroshein, P.Eng.

Appendix B

Arcturus Ventures Inc.
1st Base Claims
Statement of Costs 2010

Watson Lake Mining District
105 G 07

Supplier	Number	Item	Rate	Cost
Trans North Helicopters June 15	3.2	Hours	$1,100.00	$3,520.00
Jet Fuel June 15	228	Liters	$1.40	$319.20
Jet Fuel June 15	136.8	Liters	$3.25	$444.60
Trans North Helicopters June 20	0.7	Hours	$1,100.00	$770.00
Jet Fuel June 25	99.8	Liters	$1.40	$139.72
Salary Blake MacDonald	2.5	Days	$500.00	$1,250.00
Salary R. Stroshein	5.5	Days	$700.00	$3,850.00
Salary Brandon MacDonald	7.5	Days	$460.00	$3,450.00
Salary E. Gantiva	6.5	Days	$400.00	$2,600.00
Assays - Rock Samples ALS	34	Samples		$1,761.72
Assays - Soil Samples - ALS	95	Samples		$4,313.39
Total Expenses June 2010				**$22,418.63**

Arcturus Ventures Inc.
Rock Samples 2010
1st Base Claims

Appendix C

Station	Type	UTM (E)	UTM (N)	Elev. (m)	Sample No.	Description	Au ppm	Cu ppm	Pb ppm	Zn ppm
BM008					B666672		0.002	4.9	294	9
248	talus	400657	6803795	1726	B666673	tan weather wh qz-ser sch vugs, limonite	0.001	7.3	4.2	9
251	otc	400556	6803954	1765	B666674	mod fol wh to org brn weath qzite. Lim cavities	0.002	36.4	39.2	71
253	otc	400248	6804358	1842	B666675	qz-bio-musc sch - well foliated, sil 1 m band tr f.g. diss sulph	<0.001	23.2	2.5	6
255	flt	400227	6804373	1842	B666676	qz vn bldr train in bio-qz-mus sch	<0.001	8.6	1.9	<2
262	flt	400120	6804207	1776	B666677	qz-musc-ser sch - rusty brn porous vugs/lim f.g. diss sulph along folia	0.001	63.8	8.9	436
264	otc	400272	6804137	1794	B666678	rusty org and brn weathered qz-musc-ser sch lim along folia	0.001	143.5	3.8	18
265	otc	400317	6804115	1802	B666679	rusty org and brn weathered qz-musc-ser sch lim along folia	0.001	85.7	2	23
269	otc	400343	6804142	1788	B666680	org weath buff qz-musc sch vugs w/lim along folia	0.001	50.7	3	15
272	otc	400343	6804279	1842	B666681	gry brn bedded folia qz-musc-bio-chl sch with sil bn wh qz strg lim (exh)	0.001	7.1	4.5	4
273	otc	400346	6804291	1847	B666682	org weath sili felsite 1.5 m qz-musc laminae lim vugs laminae along folia	0.001	37.4	2.3	18
277	otc	400399	6804462	1859	B666683	rusty org sil zn f.g. gry wh qz py dis clots 3-5% stkwk w/lim vugs bxwk	<0.001	55.3	6.9	41
281	flt	400518	6804601	1857	B666684	rusty yl f.g. light gry qz bldr train w/ diss py aspy 2 - 3 %	0.002	4.9	10.7	4
287	talus	400908	6804682	1773	B666685	rusty red-org-yl weath siliceous lam qz lim py diss frac and cavities	<0.001	14.1	5.4	133
288	otc	400996	6804605	1743	B666686	3 m bed rusty-org-yl felsie lam qz lim folia and diss	0.001	15.5	17.9	40
289	otc	401770	6804560	1668	B666687	org weath light buff-yl-org qz-musc-ser sch well folia lim dis cav and folia	0.001	16.4	2.5	8
292	otc	401815	6804857	1739	B666688	carb qz-bio-musc sch cubic py grains leach cavities up to 10 5 py hydro-zn	0.002	116	24.2	354
		401815	6804860	1739	B666689	carb qz-bio-musc sch cubic py grains leach cavities up to 10 5 py hydro-zn	0.002	145.5	16.1	258
		401815	6804863	1739	B666690	carb qz-bio-musc sch cubic py grains leach cavities up to 10 5 py hydro-zn	0.001	141.5	7.7	221
295	otc	401694	6804838	1754	B666691	dark gry qz-bio-chl-mus carb sch diss py tr-1%	0.002	231	21.6	227
304	flt	400330	6804207	1825	B666692	light gry qz-musc sch (felsite) lim leach cavities	0.001	14.6	59	88
307	talus	400282	6804294	1840	B666693	org weath felsite lim laminae/folia red-org red	0.001	16.5	7.3	63
310	local flt	400294	6804407	1869	B666694	sil brx qz-bio diss py, lim seams, diss sulph, dark red and orn red	0.001	26.7	19.1	56
		400924	6804404	1869	B666695	sil mass light brn felsite	<0.001	50.1	19.8	49
312	otc	400693	6803946	1789	B666696	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	<0.001	49.4	3.9	42
313	flt	400621	6804165	1678	B666697	rusty org weath light gry thin bnd felsite bldr train 5 - 10 % cav azurite	0.003	311	7350	374
BM047-1		400485	6804175	1685	B666698	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	0.001	22.9	20.4	12
BM047-2		400487	6804173	1685	B666699	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	0.001	174.5	39.8	73
BM047-3		400489	6804170	1690	B666700	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	<0.001	58.8	5.2	30
BM047-3		400493	6804181	1691	B665795	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	0.002	323	4.3	104
BM047-3		400492	6804184	1690	B665796	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	<0.001	100.5	3	29
BM048-1		400490	6804180	1695	B665797	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	0.002	90.7	4.1	201
BM049-1		400499	6804181	1696	B665798	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	0.003	124.5	10.8	266
BM050-1		400500	6804181	1699	B665799	dark rusty brn weath qz-bio-feld sch, dis py along laminae, leach cavities	0.002	416	9	178

Arcturus Ventures Inc.
1st Base Claims
Soil Sampling Locations - June 2010

Appendix D

Line	Station Name	Ex-East	Ex-North	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
400200E	L400200E0N	400200.0	6803900.0	0.010	0.25	85	10.9	168
400200E	L400200E25N	400201.5	6803924.8	0.002	0.11	175	12.1	98
400200E	L400200E50N	400203.0	6803949.5	0.003	0.07	157	14.0	136
400200E	L400200E75N	400204.5	6803974.3	0.002	0.04	116	11.8	88
400200E	L400200E100N	400206.0	6803999.0	0.001	0.04	123	9.3	67
400200E	L400200E125N	400207.3	6804025.0	0.001	0.06	131	12.3	81
400200E	L400200E150N	400208.5	6804051.0	0.001	0.08	145	10.1	76
400200E	L400200E175N	400209.8	6804077.0	0.001	0.07	138	7.3	60
400200E	L400200E200N	400211.0	6804103.0	0.001	0.07	226	8.5	47
400200E	L400200E225N	400212.8	6804130.5	0.004	0.09	164	8.1	46
400200E	L400200E250N	400214.5	6804158.0	0.002	0.12	314	19.9	144
400200E	L400200E275N	400216.3	6804185.5	0.001	0.15	59	40.6	216
400200E	L400200E300N	400218.0	6804213.0	0.001	0.13	122	22.3	518
400200E	L400200E325N	400219.0	6804238.5	0.001	0.32	60	40.1	132
400200E	L400200E350N	400220.0	6804264.0	0.001	0.30	111	132.0	254
400200E	L400200E375N	400221.0	6804289.5	0.002	0.45	126	158.0	653
400200E	L400200E400N	400222.0	6804315.0	0.001	0.24	124	185.5	854
400200E	L400200E425N	400223.8	6804340.0	0.001	0.28	73	118.0	509
400200E	L400200E450N	400225.5	6804365.0	0.001	0.47	207	172.5	584
400200E	L400200E475N	400227.3	6804390.0	0.001	0.33	130	42.7	445
400200E	L400200E500N	400229.0	6804415.0	0.002	0.16	116	19.3	185
400300E	L400300E0N	400300.0	6803900.0	0.001	0.19	79	44.9	85
400300E	L400300E25N	400307.3	6803927.8	0.001	0.30	46	19.6	106
400300E	L400300E50N	400314.5	6803955.5	0.001	0.21	74	19.0	72
400300E	L400300E75N	400321.8	6803983.3	0.002	0.13	159	18.3	79
400300E	L400300E100N	400329.0	6804011.0	0.001	0.28	222	16.7	65
400300E	L400300E125N	400333.0	6804039.3	0.001	0.19	184	8.3	56
400300E	L400300E150N	400337.0	6804067.5	0.008	0.31	328	11.6	77
400300E	L400300E175N	400341.0	6804095.8	0.001	0.09	119	6.3	29
400300E	L400300E200N	400345.0	6804124.0	0.001	0.12	131	11.2	51
400300E	L400300E225N	400344.5	6804154.5	0.001	0.20	276	10.6	93
400300E	L400300E250N	400344.0	6804185.0	0.001	0.14	83	45.2	200
400300E	L400300E275N	400343.5	6804215.5	0.001	0.13	43	132.0	215
400300E	L400300E300N	400343.0	6804246.0	0.001	0.09	140	10.5	427
400300E	L400300E325N	400340.3	6804271.8	0.001	0.11	61	39.0	238
400300E	L400300E350N	400337.5	6804297.5	0.004	0.21	200	41.3	183
400300E	L400300E375N	400334.8	6804323.3	0.001	0.23	85	157.5	676
400300E	L400300E400N	400332.0	6804349.0	0.001	0.18	87	36.7	506
400400E	L400400E100S	400400.0	6803800.0	0.001	0.18	67	39.6	84
400400E	L400400E75S	400400.3	6803825.5	0.001	0.22	161	54.7	226
400400E	L400400E50S	400400.5	6803851.0	0.003	0.36	128	58.5	152
400400E	L400400E25S	400400.8	6803876.5	0.003	0.26	177	69.3	230
400400E	L400400E0N	400401.0	6803902.0	0.001	0.26	126	52.3	121
400400E	L400400E25N	400401.5	6803928.8	0.002	0.39	230	120.0	334
400400E	L400400E50N	400402.0	6803955.5	0.002	0.20	118	54.1	136
400400E	L400400E75N	400402.5	6803982.3	0.001	0.20	142	27.6	72
400400E	L400400E100N	400403.0	6804009.0	0.005	0.48	257	29.8	76
400500E	L400500E100S	400500.0	6803800.0	0.002	0.23	81	74.4	138

Arcturus Ventures Inc.
1st Base Claims
Soil Sampling Locations - June 2010

Appendix D

Line	Station Name	Ex-East	Ex-North	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
400500E	L400500E75S	400498.3	6803825.3	0.001	0.14	62	30.3	76
400500E	L400500E50S	400496.5	6803850.5	0.001	0.16	94	43.1	149
400500E	L400500E25S	400494.8	6803875.8	0.001	0.14	100	30.9	100
400500E	L400500E0N	400493.0	6803901.0	0.003	0.35	76	43.4	93
400500E	L400500E25N	400497.0	6803925.7	0.001	0.21	92	24.2	100
400500E	L400500E50N	400501.0	6803950.3	0.001	0.21	113	47.4	252
400500E	L400500E75N	400505.0	6803975.0	0.001	0.14	58	38.5	147
400600E	L400600E100S	400597.0	6803791.0	0.001	0.12	81	14.1	160
400600E	L400600E75S	400598.5	6803817.3	0.001	0.15	58	14.7	142
400600E	L400600E50S	400600.0	6803843.5	0.001	0.16	66	17.3	147
400600E	L400600E25S	400601.5	6803869.8	0.001	0.21	145	34.7	155
400600E	L400600E0N	400603.0	6803896.0	0.002	0.85	278	175.5	309
400600E	L400600E25N	400605.5	6803921.5	0.002	0.68	320	119.5	513
400600E	L400600E50N	400608.0	6803947.0	0.004	0.29	526	88.2	652
401650E	L401650E0S	401648.0	6804842.0	0.002	0.07	295	31.9	1140
401650E	L401650E25S	401650.5	6804815.8	0.001	0.13	89	22.0	99
401650E	L401650E50S	401653.0	6804789.7	0.001	0.08	32	92.9	131
401650E	L401650E75S	401655.5	6804763.5	0.001	0.25	17	41.4	120
401650E	L401650E100S	401658.0	6804737.3	0.001	0.93	14	16.0	127
401650E	L401650E125S	401660.5	6804711.2	0.001	0.30	30	25.2	163
401650E	L401650E150S	401663.0	6804685.0	0.001	0.16	17	19.0	62
401700E	L401700E0S	401704.0	6804844.0	0.001	0.40	199	135.5	285
401700E	L401700E25S	401704.7	6804819.5	0.001	0.16	128	16.8	104
401700E	L401700E50S	401705.3	6804795.0	0.001	0.09	101	14.5	150
401700E	L401700E75S	401706.0	6804770.5	0.001	0.13	89	27.8	113
401700E	L401700E100S	401706.7	6804746.0	0.001	0.94	36	39.2	70
401700E	L401700E125S	401707.3	6804721.5	0.001	0.32	32	36.9	90
401700E	L401700E150S	401708.0	6804697.0	0.002	0.15	44	43.3	132
401750E	L401750E0S	401753.0	6804841.0	0.004	0.37	624	89.5	713
401750E	L401750E25S	401752.8	6804812.3	0.001	0.22	59	29.2	109
401750E	L401750E50S	401752.7	6804783.7	0.002	0.30	86	27.4	129
401750E	L401750E75S	401752.5	6804755.0	0.001	0.21	56	68.8	229
401750E	L401750E100S	401752.3	6804726.3	0.001	1.08	17	17.9	171
401750E	L401750E125S	401752.2	6804697.7	0.001	0.37	35	89.7	150
401750E	L401750E150S	401752.0	6804669.0	0.004	0.63	43	43.1	156
401800E	L401800E0S	401809.0	6804851.0	0.001	0.41	140	76.0	374
401800E	L401800E25S	401808.5	6804824.7	0.001	0.71	89	126.5	146
401800E	L401800E50S	401808.0	6804798.3	0.008	0.16	209	44.3	326
401800E	L401800E75S	401807.5	6804772.0	0.002	0.23	152	49.3	226
401800E	L401800E100S	401807.0	6804745.7	0.002	0.16	133	47.3	324
401800E	L401800E125S	401806.5	6804719.3	0.001	0.46	181	86.6	607
401800E	L401800E150S	401806.0	6804693.0	0.001	0.17	55	34.5	145

APPENDIX E

ASSAY CERTIFICATES

FOR

ROCK AND SOIL SAMPLES

1ST BASE CLAIMS, 2010

BY

ALS CANADA LABORATORIES LTD.