

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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**ASSESSMENT REPORT**

describing

**GEOCHEMICAL SAMPLING**

at the

**PPP PROPERTY**

PPP 1-16      YD57185-YD57200

NTS 115J/06

Latitude 62°17'N; Longitude 139°02'W

located in the

Whitehorse Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

**WOLVERINE MINERALS CORP.**  
and  
**STRATEGIC METALS LTD.**

by

O. Fu, B.Sc.

April 2011

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## **INTRODUCTION**

The PPP property lies within the Dawson Range Gold Belt of western Yukon. It was staked to cover a moderately anomalous gold value reported from historical stream sediment sampling. Wolverine Minerals Corp. can earn a 100% interest in the property subject to an option agreement with Strategic Metals Ltd.

This report describes a one day exploration program that was conducted by Archer, Cathro & Associates (1981) Limited in summer 2010 on behalf of Strategic Metals. The work was performed on July 3 and comprised geochemical sampling. The author interpreted all data from this project and his Statement of Qualifications appears in Appendix I.

## **PROPERTY LOCATION, CLAIM DATA AND ACCESS**

The PPP property consists of 16 contiguous mineral claims, which are located on NTS map sheet 115J/06 at latitude 62°17' north and longitude 139°02' west (Figure 1). The property covers an area of approximately 330 ha (3.3 sq. km.). The claims are registered with the Whitehorse Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
PPP 1-16	YD57185-YD57200	April 15, 2011

\* Expiry date does not include 2010 work that has not yet been filed for assessment credit.

Access to the property in 2010 was with a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. of Whitehorse, from a temporary base at the Klaza property located near the former Mount Nansen Mine. The Klaza property lies about 95 km southeast of the PPP property and 70 km by road west of the community of Carmacks.

## **HISTORY AND PREVIOUS WORK**

In 1969, Archer Cathro performed regional exploration in the Dawson Range district for the Dawson Range Joint Venture (DRJV). During that program, two samples were taken just outside the current PPP claims, on creeks draining property. Those samples returned 16 and 24 ppm copper, 17 and 24 ppm lead and nil molybdenum (Cathro and Culbert, 1969).

In 1980, Archer Cathro did work in the Dawson Range as part of the NAT Joint Venture (NAT JV), which comprised Chevron Canada Limited and Armco Mineral Exploration Ltd. Part of the NAT JV program involved reanalyses of over 5000 previously collected geochemical sample splits for gold, silver, arsenic and lead. One of the samples collected by DRJV near the current PPP property returned 32 ppb gold when reanalyzed (Archer and Onasick, 1980).

In 1986, the Geological Survey of Canada conducted a low-density stream sediment and water sampling survey on NTS map sheet 115J (Friske et al., 1986). Two samples were taken in the


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STRATEGIC METALS LTD.**

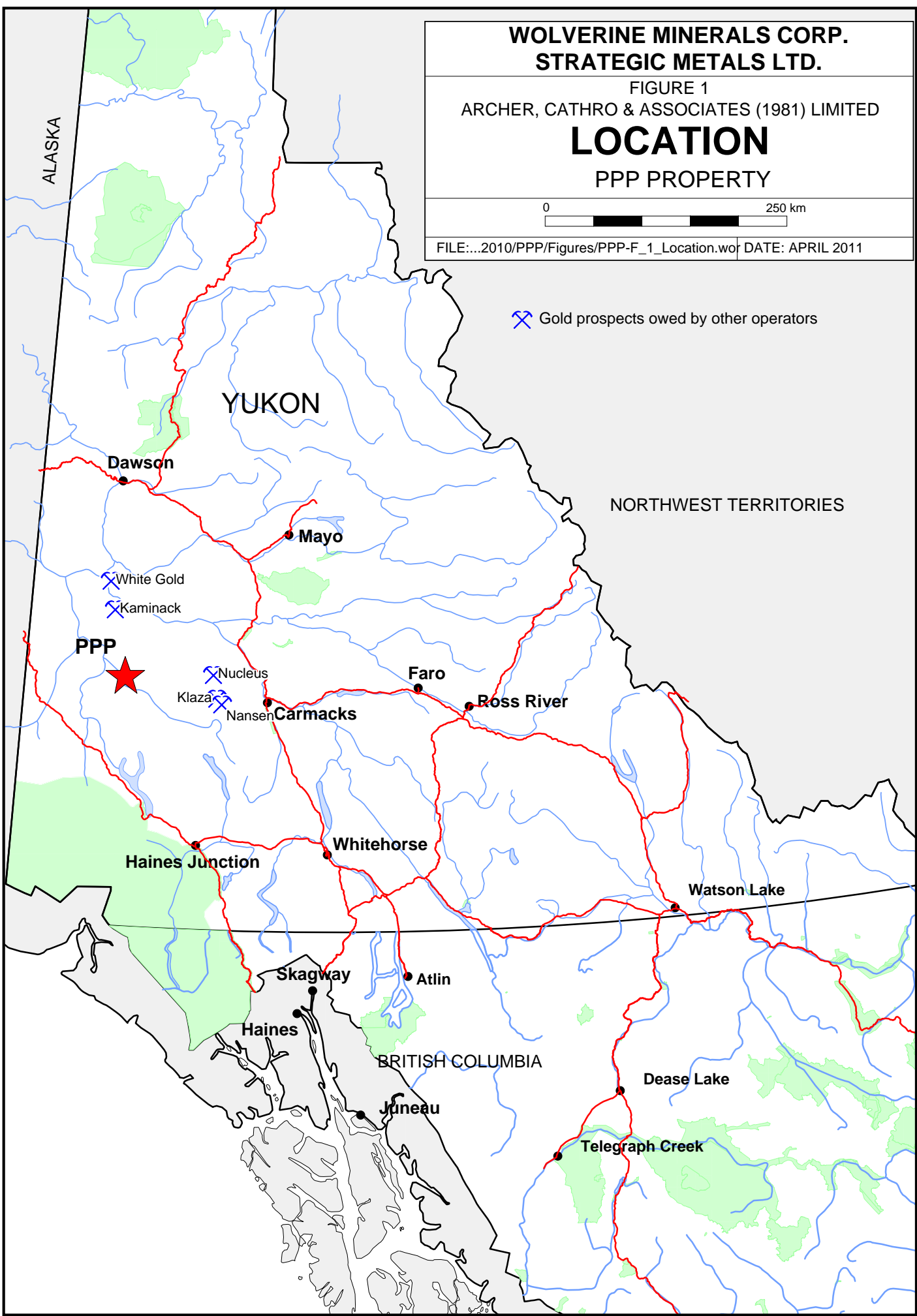
FIGURE 1  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

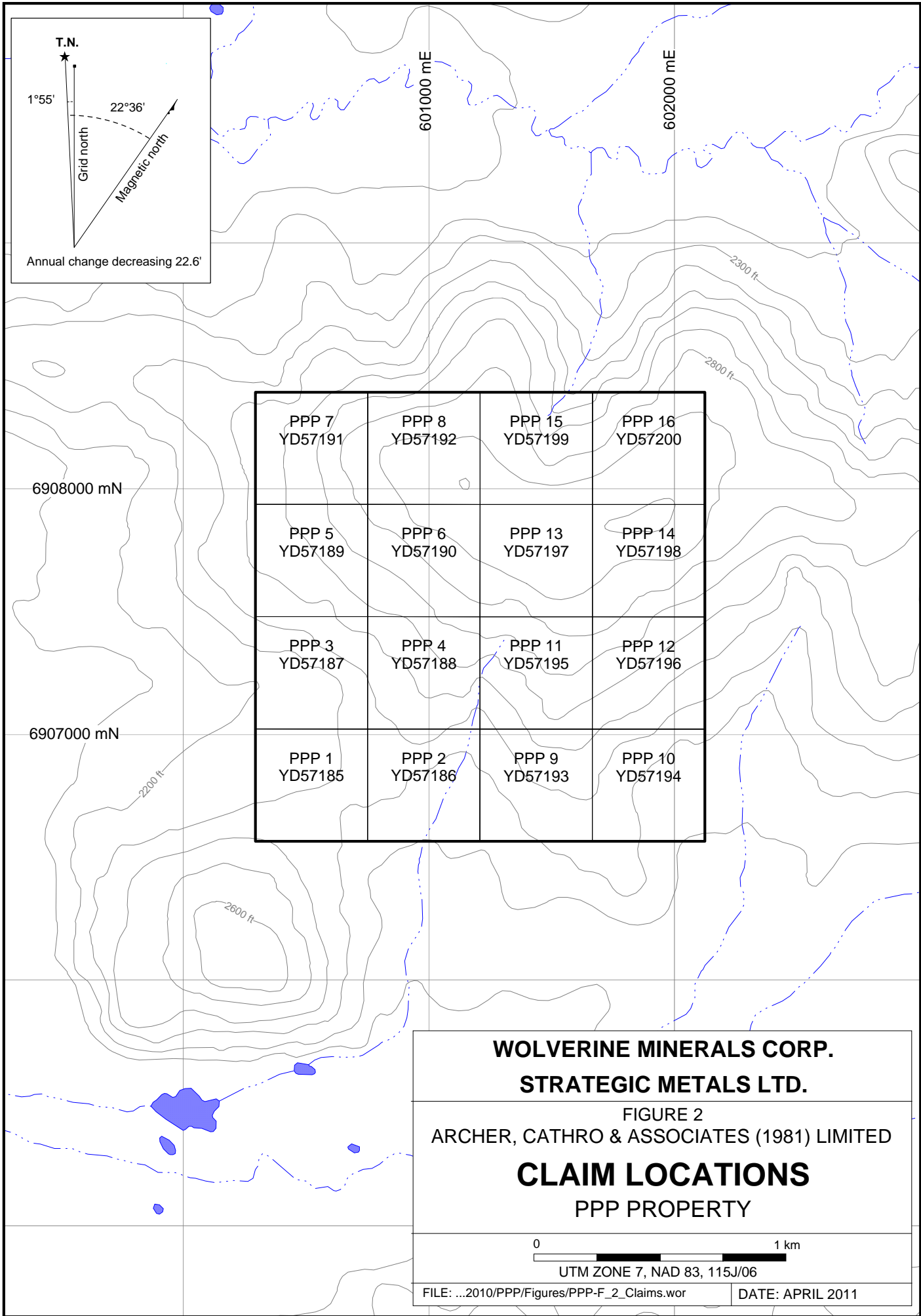
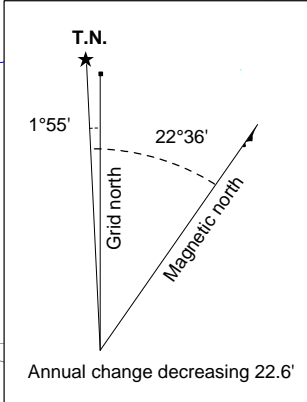
**LOCATION**  
PPP PROPERTY

0 250 km

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 Gold prospects owned by other operators





**WOLVERINE MINERALS CORP.  
 STRATEGIC METALS LTD.**

FIGURE 2  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**CLAIM LOCATIONS  
 PPP PROPERTY**



UTM ZONE 7, NAD 83, 115J/06

vicinity of the PPP property. One sample to the north yielded weakly anomalous values for zinc (48 ppm) and background values for other metals, while another to the south produced weakly anomalous values for copper (45 ppm) and background for all other metals.

Strategic Metals staked the PPP claims in April 2010 to cover uplands in the headwater of the drainage that yielded the historical gold-in-silt anomaly. Wolverine Minerals signed an option purchase agreement with Strategic Metals in September 2010.

### **GEOMORPHOLOGY AND CLIMATE**

The PPP property is situated in the southern part of the Dawson Range and is drained by creeks that flow into the Nisling River, which is part of the Yukon River watershed. The property is believed to have been unglaciated during the Pliocene and Pleistocene; however, it is surrounded by glacial valleys.

The property straddles a ridge with moderately steep north and south facing slopes. Unnamed creeks radiate from the ridge. Elevations are about 700 to 900 m above sea level. Outcrop is rare.

The property lies below treeline, which is approximately 1400 m in the area. Vegetation is moderately abundant, with mature spruce and poplar trees surrounded by an understorey of low shrubs and moss, giving way to grass and shrubs on some south facing slopes.

The climate in the PPP area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, arctic cold fronts often cover the area and snowfall can occur in any month. The property is mostly snow free from early May to mid-October.

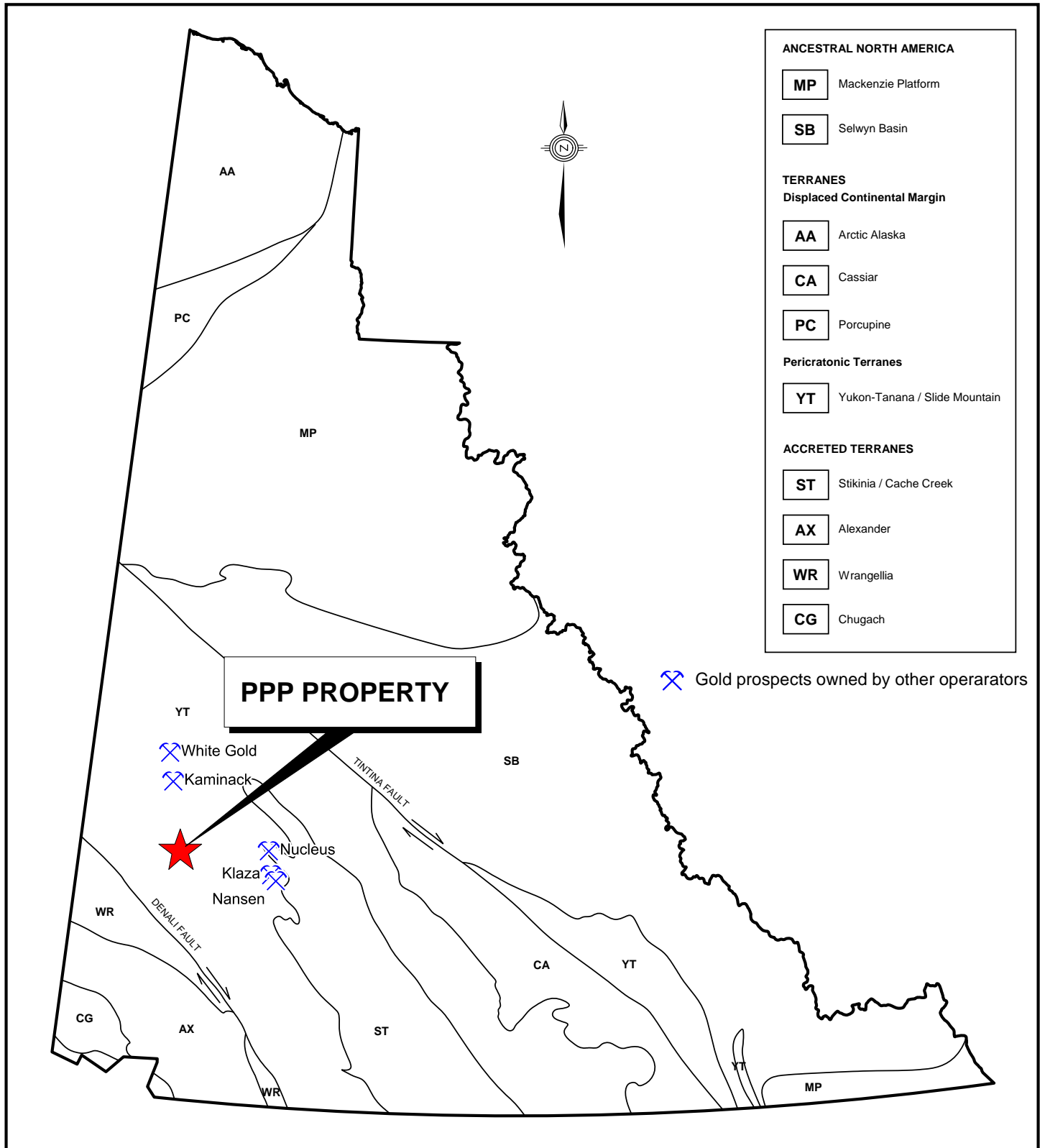
### **REGIONAL GEOLOGY**

In 1974, the Geological Survey of Canada published a geological map of the Snag area (NTS map sheet 115J) at 1:250,000 scale (Tempelman-Kluit, 1974). Gordey and Makepeace (2003) later completed a Yukon-wide geological compilation, which updated lithological unit names in the PPP area.

The PPP property is located within the Yukon-Tanana Terrane (YTT) as shown on Figure 3. The YTT represents a continental arc that developed along the ancient Pacific margin of North America from late Devonian to Permian.

### **PROPERTY GEOLOGY**

No detailed geological mapping has been done on the PPP property. The following description of property geology is based on published data discussed in the previous section. Generalized property geology as compiled by Gordey and Makepeace (2003) is illustrated in Figure 4.



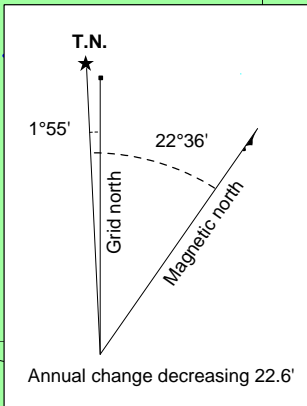
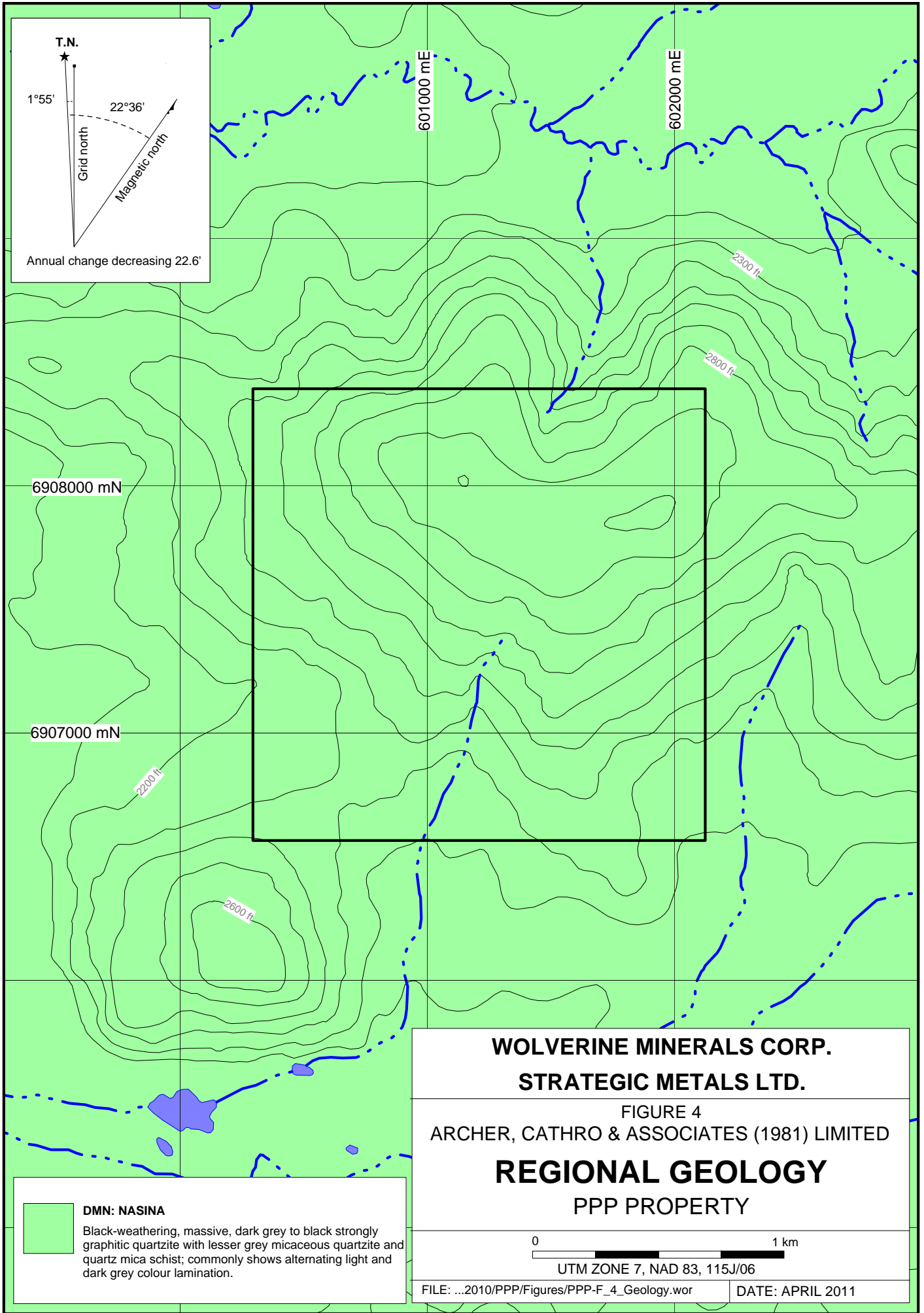
**WOLVERINE MINERALS CORP.  
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FIGURE 3  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**TECTONIC SETTING**  
PPP PROPERTY

0 200 km

FILE: ...2010 DATE: APRIL 2011



6908000 mN

6907000 mN

601000 mE

602000 mE

2300 ft

2800 ft

2200 ft

2600 ft

**DMN: NASINA**  
 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.

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FIGURE 4  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**REGIONAL GEOLOGY  
 PPP PROPERTY**

0 1 km

UTM ZONE 7, NAD 83, 115J/06

The property area is mapped as Devonian to Mississippian, Nasina Group. Typically this group includes black-weathered, massive, dark grey to black strongly graphitic quartzite with lesser grey micaceous quartzite and quartz-mica schist. Rocks commonly show alternating light and dark grey colour laminations

There are no reported mineral occurrences on the property.

### **STREAM SEDIMENT AND SOIL GEOCHEMISTRY**

Previous geochemical sampling in the area of the PPP property was confined to widely spaced stream sediment sites. Most samples returned background values for gold and its pathfinder elements, but one sample taken northeast of the property returned 32 ppb gold.

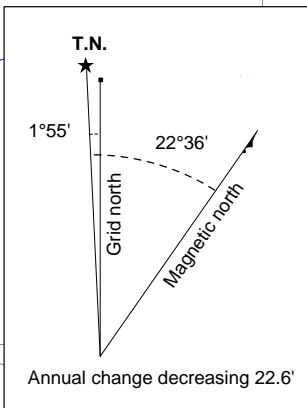
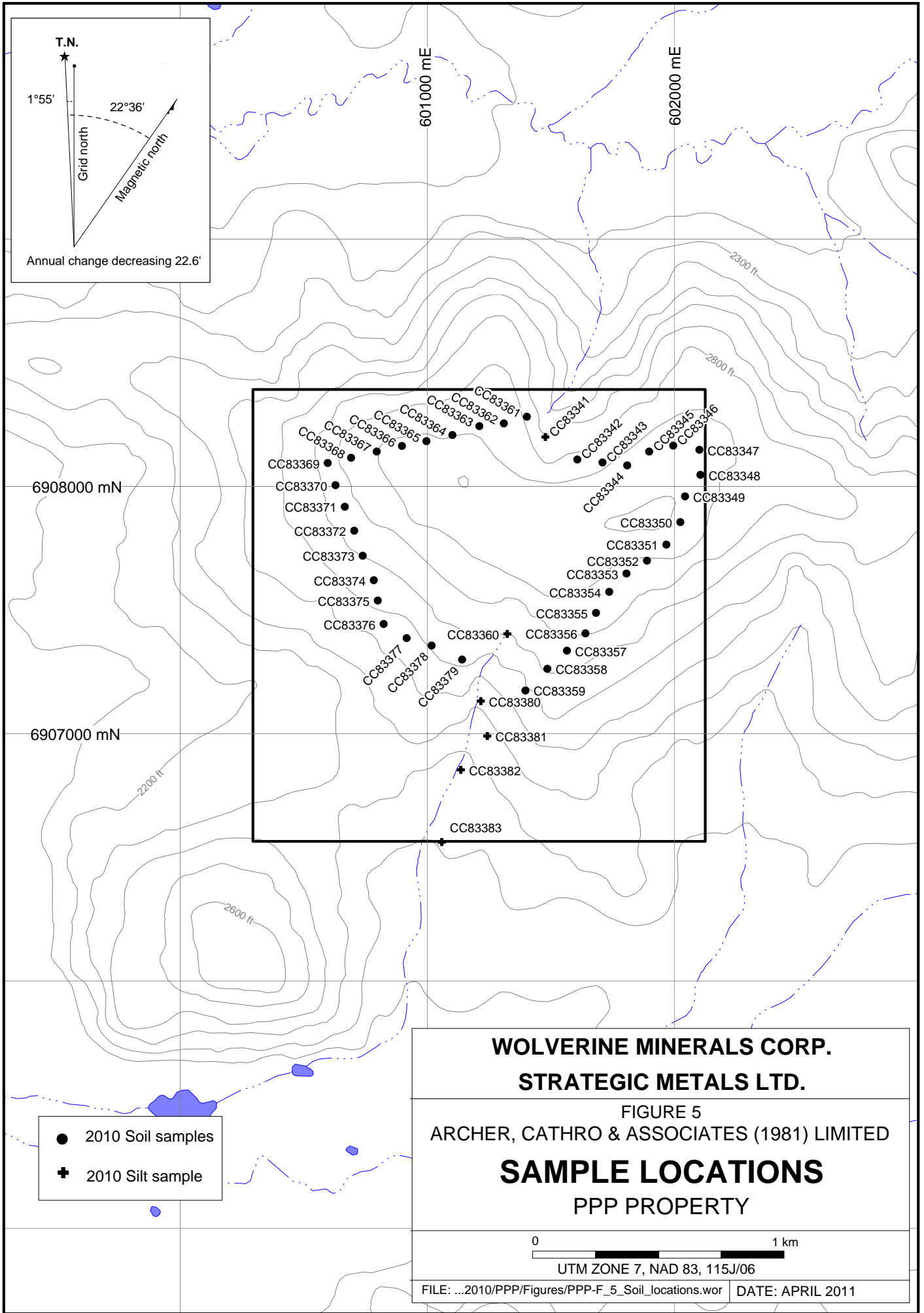
A total of 43 samples were collected during 2010. Of these, six are stream sediment samples while 37 are soil samples. Sample locations and results for gold, arsenic, copper, lead and zinc are plotted on Figures 5 to 10, respectively. Sampling and Analytical Procedures for 2010 samples are provided in Appendix II, while Certificates of Analysis are given in Appendix III.

The samples yielded background to weakly anomalous values for gold (up to 17 ppb), arsenic (up to 31 ppm), copper (up to 48 ppm), lead (up to 26 ppm) and zinc (up to 141 ppm). The best gold values are from samples taken near the crest of the main ridge in the northeast corner of the property and alongside a creek in the southwestern part of the claim block. Arsenic and copper values are highest near the elevated gold values located near the creek in the southwestern part of the property. The highest lead and zinc values are from the same sample site on the north side of the main ridge.

### **DISCUSSION AND CONCLUSIONS**

The PPP property lies within the Dawson Range Gold Belt, which hosts a number of gold occurrences associated with young intrusions. Preliminary geochemical sampling performed by Strategic Metals at the PPP property returned somewhat encouraging results. Interpretation of soil geochemical results is hindered by the low sample density. While anomalous results are clustered, no high priority targets have been identified.

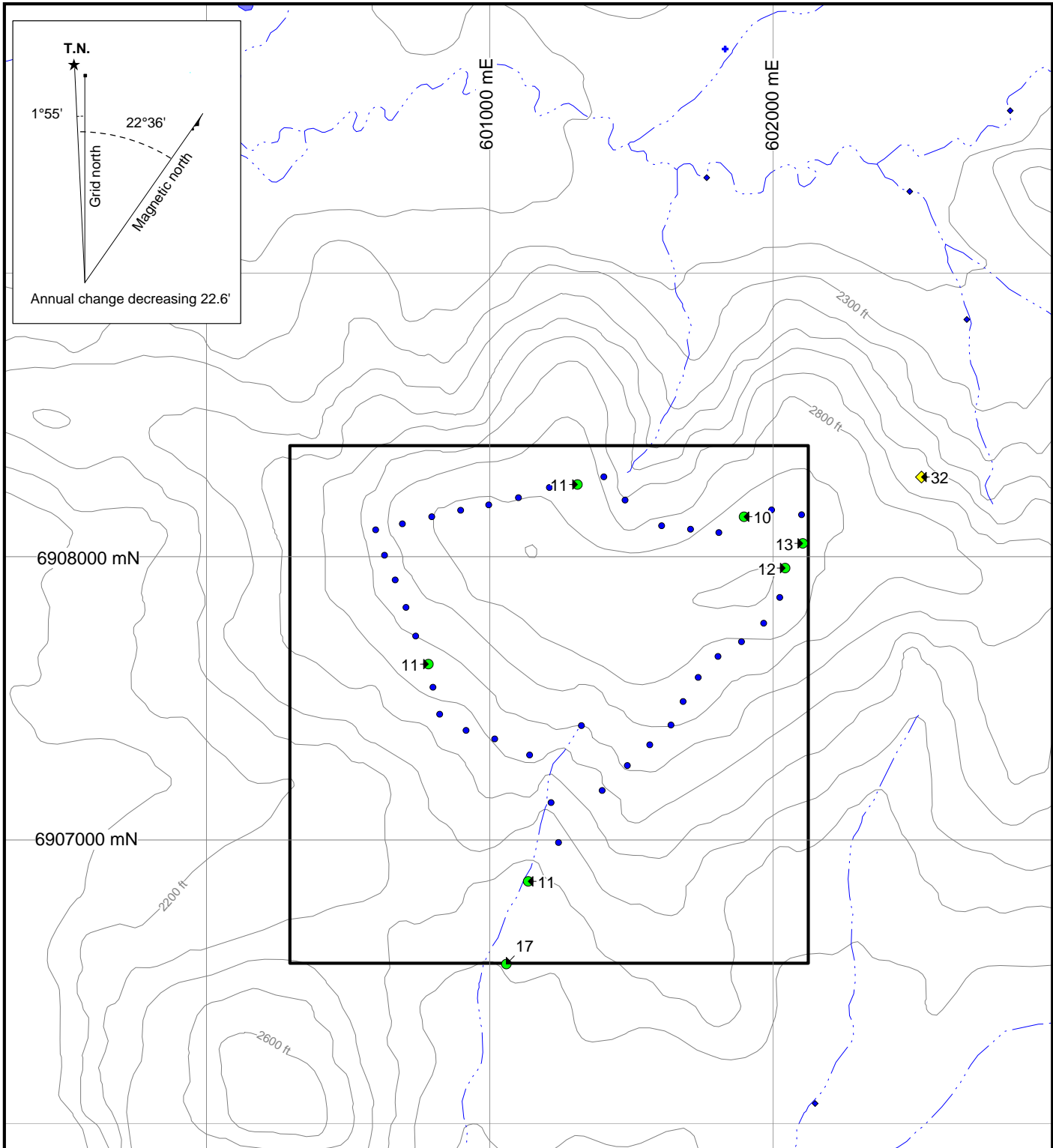
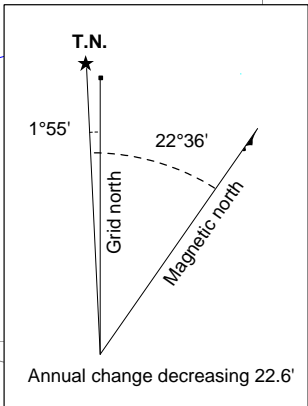
Future work should focus on the headwaters of the creek that yielded the 32 ppb gold value. A contour soil sampling line uphill from the high gold value is recommended. Pending results, further claim staking may be required. Closer spaced soil sampling should also be done within the clusters of anomalous samples in the northeast and southwest parts of the property. Prospecting should be done later to follow up anomalies that might result from the additional soils sampling. It should specifically look for evidence of veins, breccia zone and/or feldspar dykes, these features are commonly associated with gold mineralization elsewhere in the Dawson Range Gold Belt.



- 2010 Soil samples
- + 2010 Silt sample

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 FIGURE 5  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SAMPLE LOCATIONS**  
 PPP PROPERTY

0 1 km  
 UTM ZONE 7, NAD 83, 115J/06  
 FILE: ...2010/PPP/Figures/PPP-F\_5\_Soil\_locations.wor | DATE: APRIL 2011



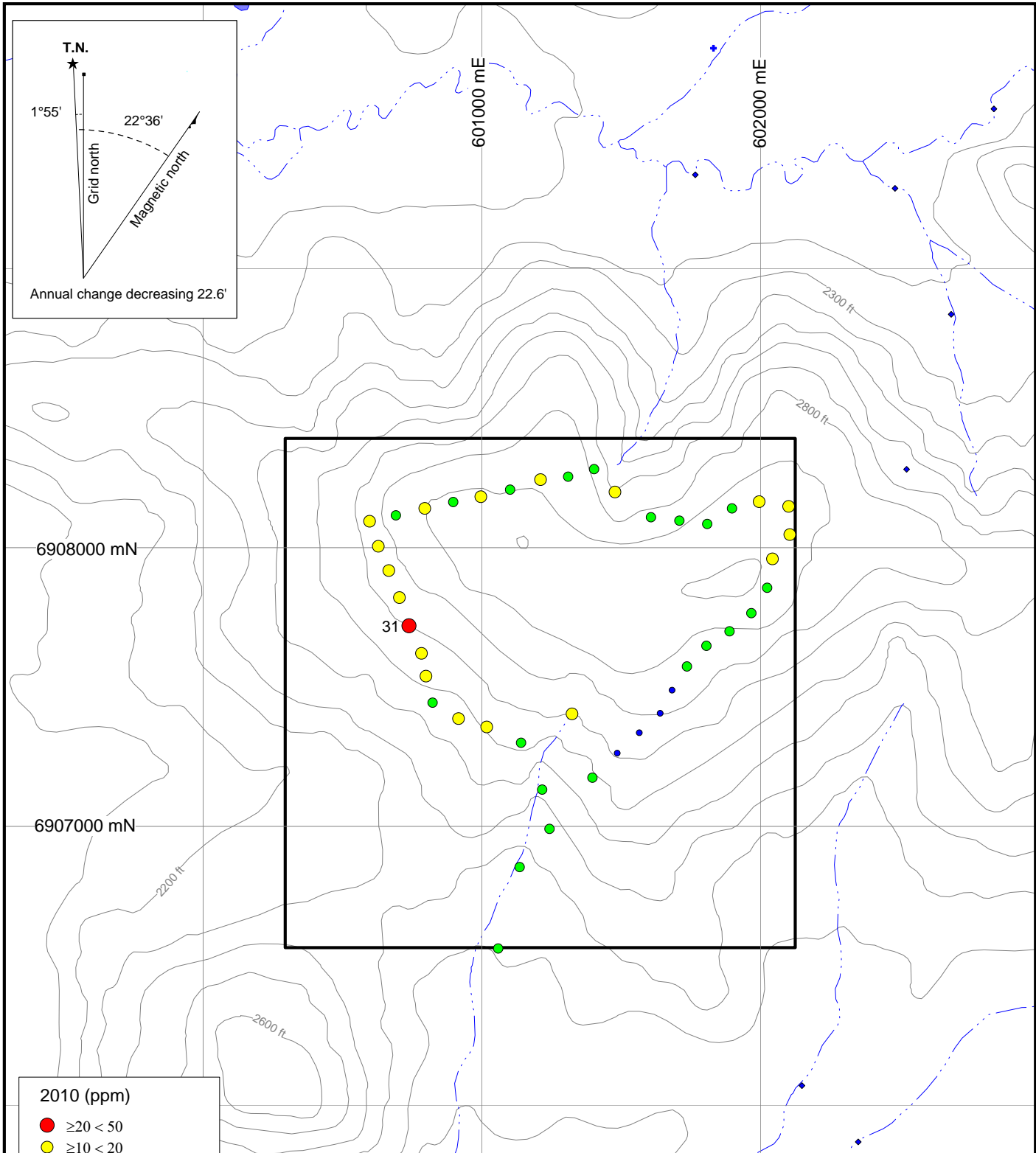
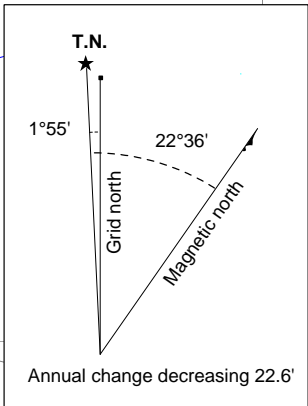
- 2010 (ppb)**
- $\geq 20 < 50$
  - $\geq 10 < 20$
  - $0 < 10$
- RGS (ppb)**
- ✚  $\geq 20 < 50$
  - ✚  $\geq 10 < 20$
  - ✚  $0 < 10$
- 1980 NAT JV (ppb)**
- ◆  $\geq 20 < 50$
  - ◆  $\geq 10 < 20$
  - ◆  $0 < 10$

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FIGURE 6  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**GOLD GEOCHEMISTRY**  
 PPP PROPERTY



UTM ZONE 7, NAD 83, 115J/06



- 2010 (ppm)**
- $\geq 20 < 50$
  - $\geq 10 < 20$
  - $\geq 5 < 10$
  - $0 < 5$
- RGS (ppm)**
- +
  - +
  - +
  - +
- 1980 NAT JV (ppm)**
- ◆  $\geq 20 < 50$
  - ◆  $\geq 10 < 20$
  - ◆  $\geq 5 < 10$
  - ◆  $0 < 5$

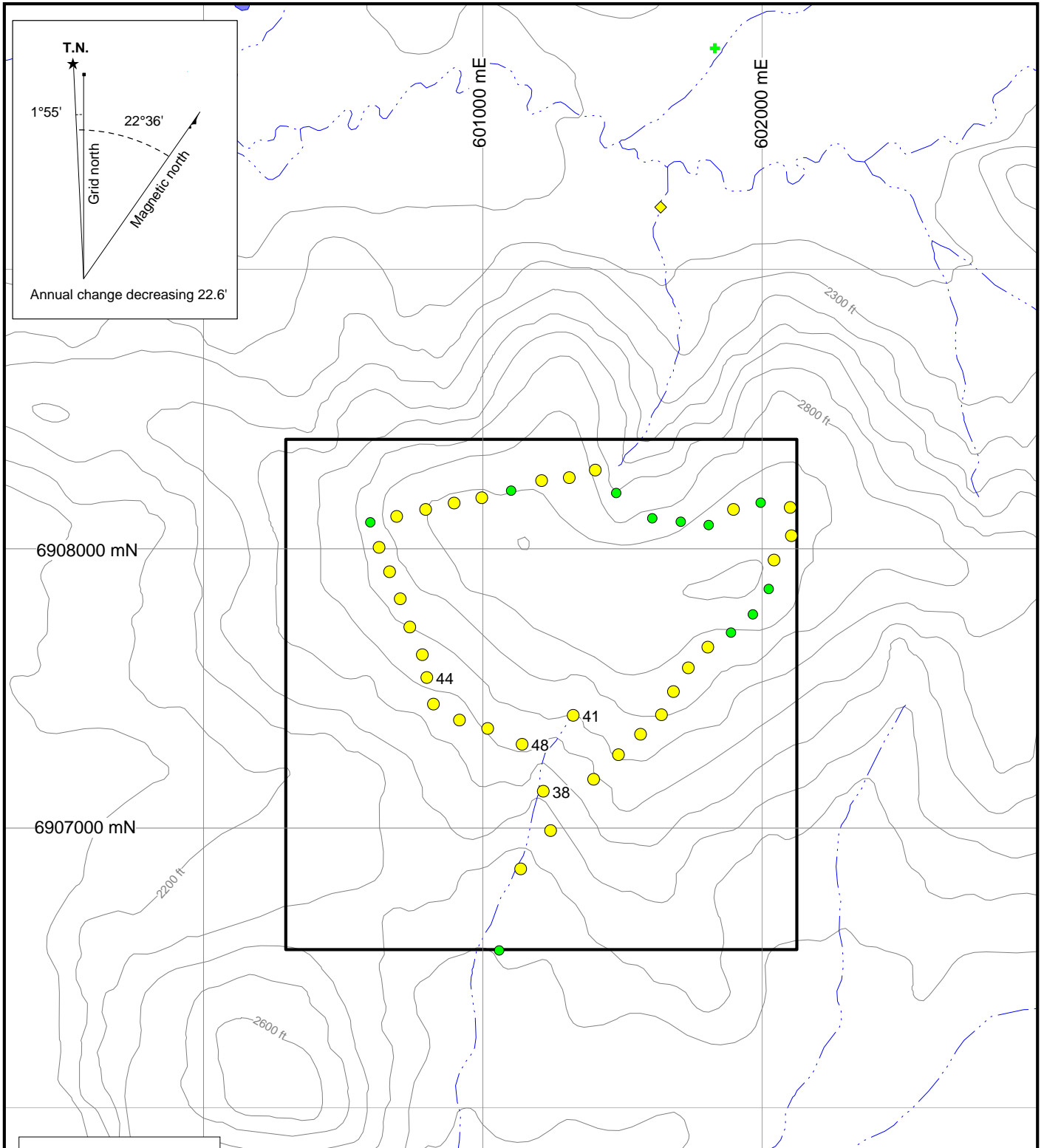
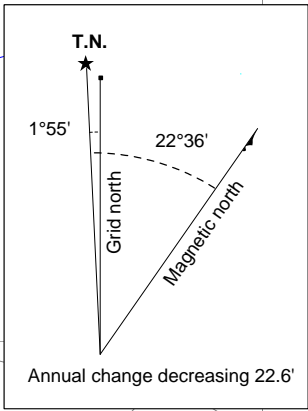
**WOLVERINE MINERALS CORP.  
STRATEGIC METALS LTD.**

FIGURE 7  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**ARSENIC GEOCHEMISTRY**  
PPP PROPERTY

0 1 km

UTM ZONE 7, NAD 83, 115J/06

FILE: ...2010/PPP/Figures/PPP-F\_7\_Arsenic.wor      DATE: APRIL 2011



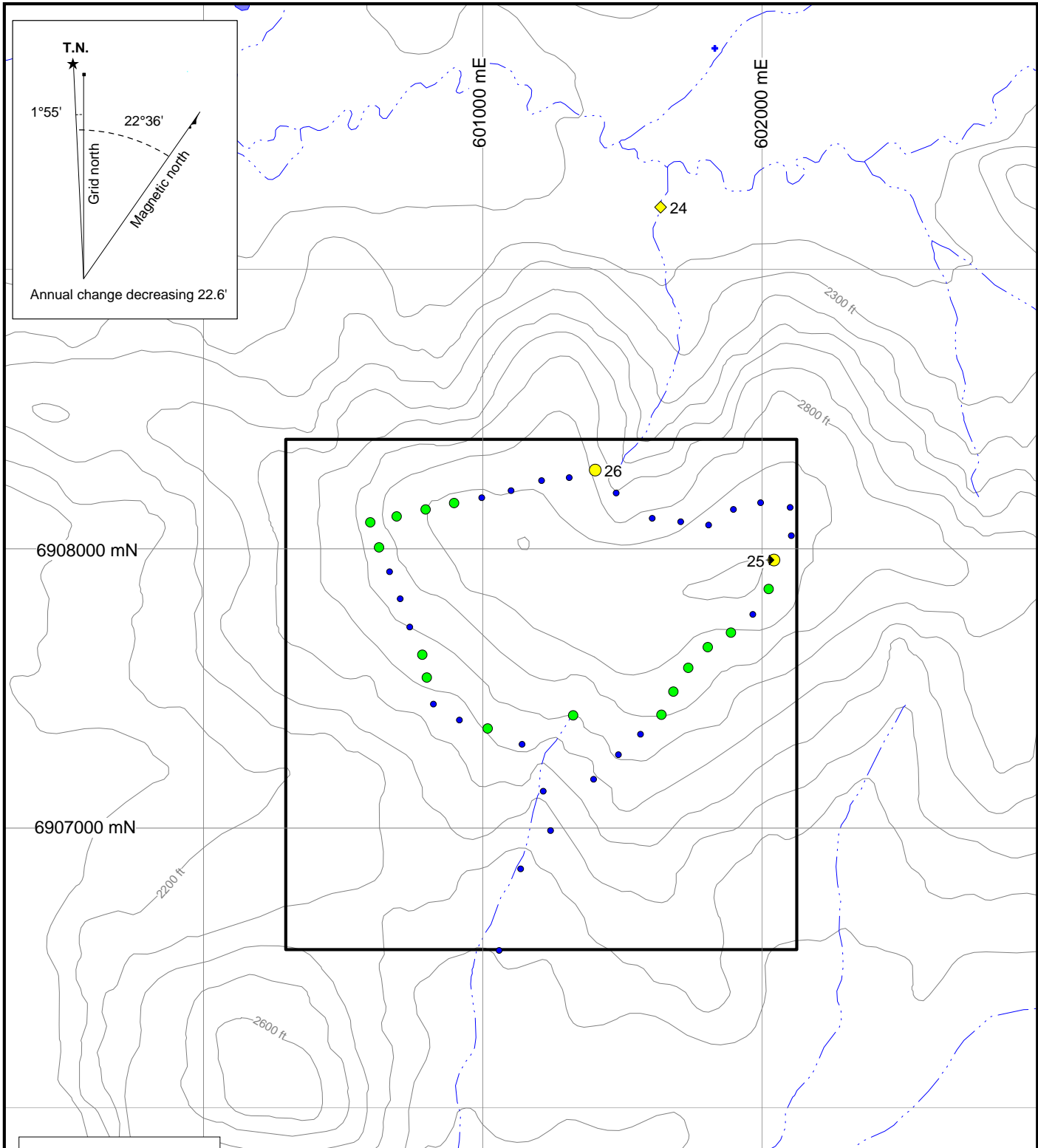
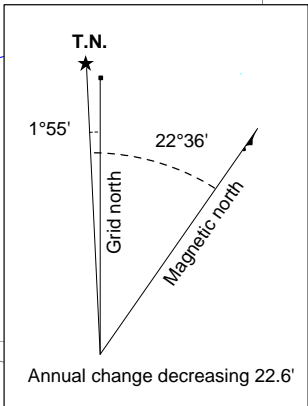
- 2010 (ppm)**
- $\geq 20 < 50$
  - $\geq 10 < 20$
  - $0 < 10$
- RGS (ppm)**
- ✚  $\geq 20 < 50$
  - ✚  $\geq 10 < 20$
  - ✚  $0 < 10$
- 1969 DRJV (ppm)**
- ◆  $\geq 20 < 50$
  - ◆  $\geq 10 < 20$
  - ◆  $0 < 10$

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FIGURE 8  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**COPPER GEOCHEMISTRY**  
 PPP PROPERTY



UTM ZONE 7, NAD 83, 115J/06



2010 (ppm)	
●	≥20 < 50
●	≥10 < 20
●	0 < 10
RGS (ppm)	
+	≥20 < 50
+	≥10 < 20
+	0 < 10
1969 DRJV (ppm)	
◆	≥20 < 50
◆	≥10 < 20
◆	0 < 10

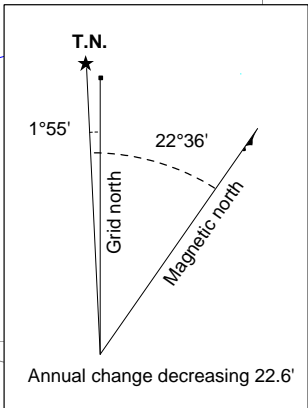
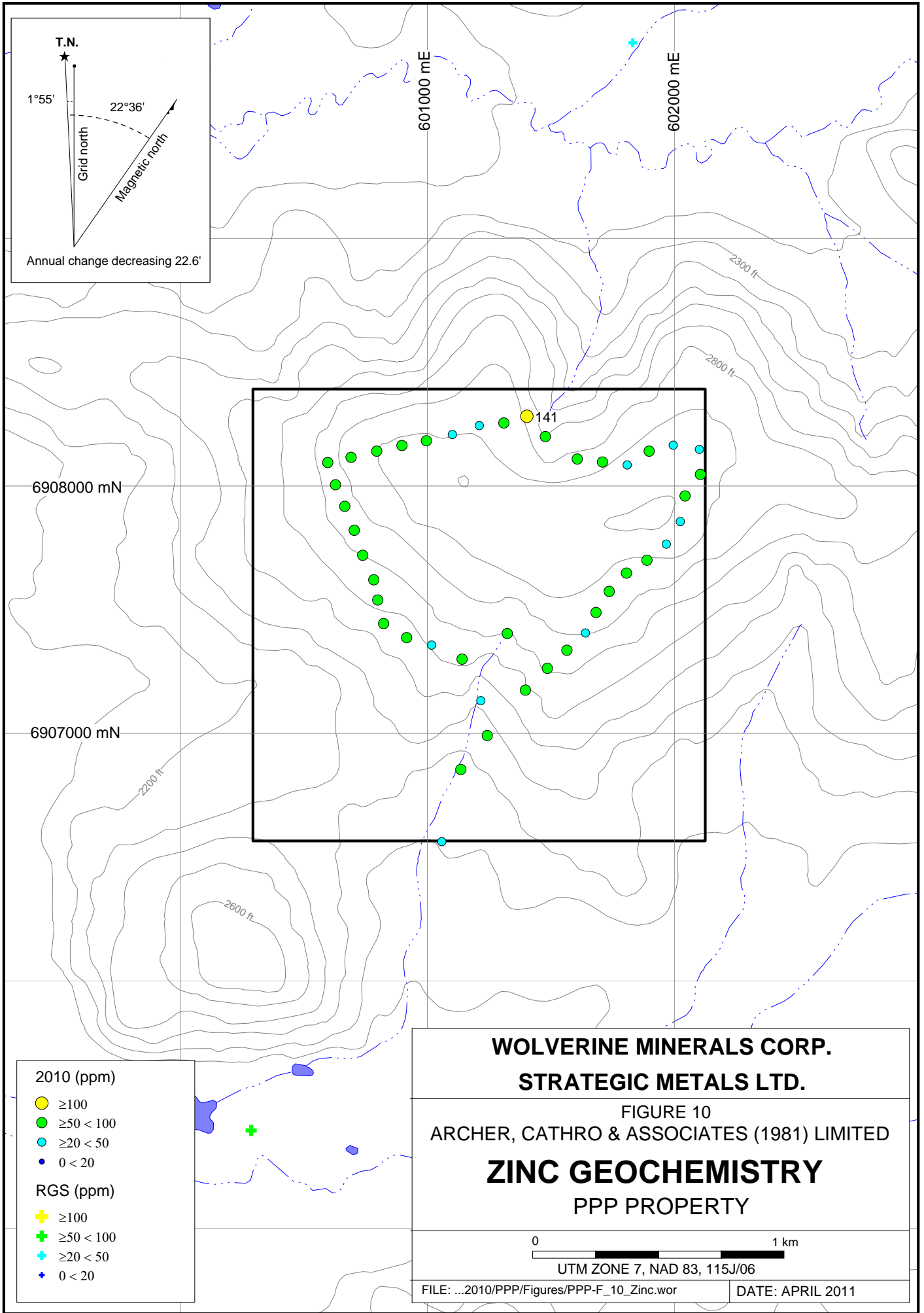
**WOLVERINE MINERALS CORP.**  
**STRATEGIC METALS LTD.**

FIGURE 9  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**LEAD GEOCHEMISTRY**  
 PPP PROPERTY

0 1 km

UTM ZONE 7, NAD 83, 115J/06

FILE: ...2010/PPP/Figures/PPP-F_9_Lead.wor	DATE: APRIL 2011
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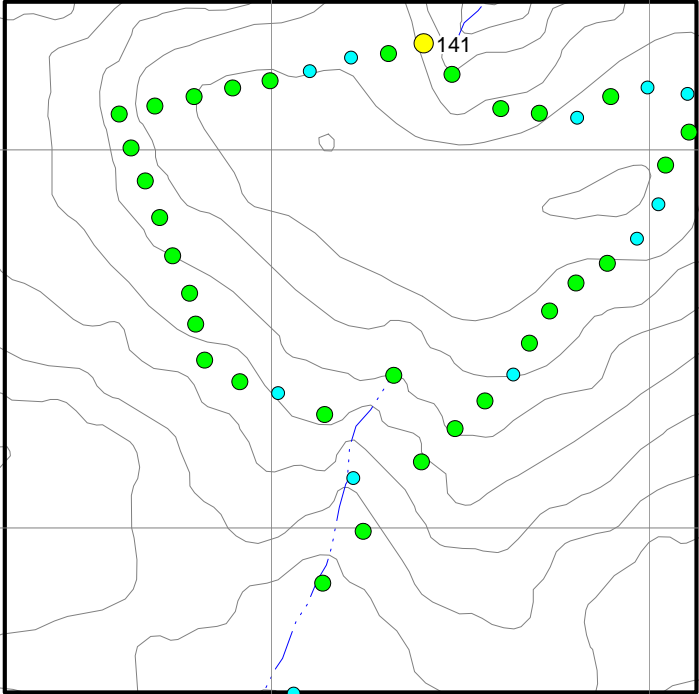


6908000 mN

6907000 mN

601000 mE

602000 mE



- 2010 (ppm)
- ≥100
  - ≥50 < 100
  - ≥20 < 50
  - 0 < 20
- RGS (ppm)
- ✚ ≥100
  - ✚ ≥50 < 100
  - ✚ ≥20 < 50
  - ✚ 0 < 20

**WOLVERINE MINERALS CORP.**  
**STRATEGIC METALS LTD.**

FIGURE 10  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**ZINC GEOCHEMISTRY**  
 PPP PROPERTY

0 1 km

UTM ZONE 7, NAD 83, 115J/06

FILE: ...2010/PPP/Figures/PPP-F\_10\_Zinc.wor      DATE: APRIL 2011

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Oliver Fu, B.Sc.

**REFERENCES**

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1980 NAT Joint Venture Final Report; Internal report prepared by Archer, Cathro & Associates Ltd. for Chevron Canada Limited and Armco Mineral Exploration Ltd.
- Cathro, R.J. and Culbert, R.E.  
1969 Summary report on the 1969 field program; Dawson Range Joint Venture Project, Yukon Territory.
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1986 Regional stream sediment and water geochemical reconnaissance data (115J); Geological Survey of Canada, Open File 1363.
- Gordey, S.P. and Makepeace, A.J. (compilers)  
2003 Yukon digital geology, version 2.0, Geological Survey of Canada, Open File 1749 and Yukon Geological Survey, Open File 2003-9 (D).
- Tempelman-Kluit, D.J.  
1974 Geology Snag, Yukon Territory (cartographic material), Geological Survey of Canada, map 16-1973, NTS 115J.

**APPENDIX I**  
**STATEMENT OF QUALIFICATIONS**

## **STATEMENT OF QUALIFICATIONS**

I, Oliver Fu, geologist, with business addresses in Vancouver, British Columbia and Ottawa, Ontario and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from McGill University in 2007 with a B.Sc. in Earth & Planetary Sciences.
2. From 2007 to present, I have been actively engaged in mineral exploration in Quebec, Newfoundland & Labrador, British Columbia, and the Yukon Territory.
3. I have personally participated in the compilation of the report herein.

Oliver Fu, B.Sc. Earth & Planetary Sciences

**APPENDIX II**  
**SAMPLING AND ANALYTICAL PROCEDURES**

### **2010 Soil Geochemical Samples**

All 2010 soil sample locations were recorded using hand-held GPS units. Sample sites are marked by aluminum tags inscribed with the sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. Soil samples were collected from 10 to 30 cm deep holes dug by hand-held auger. They were placed into individually pre-numbered Kraft paper bags.

The soil samples were sent to ALS Chemex, where they were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 35 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 50 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-AA24).

### **2010 Stream Sediment Geochemical Samples**

Stream sediment geochemical samples were only collected from the main unnamed creek that drains the property area. Sample locations were recorded using handheld GPS units and were marked with orange flagging tape labelled with the sample number. Stream sediment samples were collected by hand and were placed into individually pre-numbered kraft paper bags.

The soil samples were sent to ALS Chemex, where they were dried, screened to -180 microns, dissolved in aqua regia solution and then analyzed for 35 elements using the inductively coupled plasma with atomic emission spectroscopy technique (ME-ICP41). An additional 50 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-AA24).

**APPENDIX III**  
**CERTIFICATES OF ANALYSIS**



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy  
North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page: 1  
Finalized Date: 23-JUL-2010  
Account: MTT

## CERTIFICATE VA10093074

Project: KLOTASSIN

P.O. No.: PPP

This report is for 43 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-JUL-2010.

The following have access to data associated with this certificate:

JOAN MARIACHER

BILL WENGZYNOWSKI

## SAMPLE PREPARATION

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

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: STRATEGIC METALS LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

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

Signature:

Colin Ramshaw, Vancouver Laboratory Manager



# ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

2103 Dollarton Hwy  
North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981)

LIMITED

1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Project: KLOTASSIN

Page: 2 - A

Total # Pages: 3 (A - C)

Finalized Date: 23-JUL-2010

Account: MTT

## CERTIFICATE OF ANALYSIS VA10093074

Sample Description	Method	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC83341		0.18	0.006	<0.2	1.61	15	<10	130	<0.5	<2	0.83	<0.5	10	41	16	2.98
CC83342		0.24	0.002	<0.2	1.85	6	<10	160	<0.5	<2	0.52	<0.5	13	53	18	3.49
CC83343		0.16	0.002	0.3	2.20	5	<10	210	0.5	<2	0.66	<0.5	10	43	17	3.26
CC83344		0.24	0.003	<0.2	2.10	8	<10	90	<0.5	<2	0.25	<0.5	7	32	10	3.12
CC83345		0.26	0.010	<0.2	3.06	6	<10	170	0.7	<2	0.57	<0.5	18	58	31	4.26
CC83346		0.22	0.003	<0.2	1.97	10	<10	100	<0.5	<2	0.26	<0.5	9	46	16	3.51
CC83347		0.22	0.001	<0.2	2.06	11	<10	130	<0.5	<2	0.40	<0.5	12	48	30	3.06
CC83348		0.14	0.013	0.2	2.44	16	<10	130	0.5	<2	0.28	<0.5	12	54	24	3.44
CC83349		0.20	0.012	0.2	2.07	10	<10	120	<0.5	<2	0.41	0.5	9	38	25	2.99
CC83350		0.24	0.001	0.2	1.93	5	<10	110	<0.5	<2	0.31	<0.5	8	32	12	3.25
CC83351		0.18	0.001	0.3	1.61	5	<10	150	<0.5	<2	0.21	<0.5	8	28	14	3.16
CC83352		0.18	0.001	0.3	1.79	6	<10	140	<0.5	<2	0.40	<0.5	8	33	14	2.55
CC83353		0.22	0.001	<0.2	2.55	7	<10	160	0.5	<2	0.41	0.7	13	37	24	3.43
CC83354		0.20	<0.001	0.4	2.33	5	<10	180	0.7	<2	0.41	0.5	9	38	22	3.31
CC83355		0.20	0.004	0.4	2.03	2	<10	220	<0.5	<2	0.36	<0.5	8	37	27	2.79
CC83356		0.22	0.001	0.3	1.58	4	<10	400	<0.5	<2	0.33	<0.5	7	24	22	2.45
CC83357		0.12	<0.001	0.3	1.53	<2	<10	330	0.6	<2	0.36	<0.5	9	17	29	2.72
CC83358		0.20	0.001	0.3	2.24	4	<10	370	0.8	<2	0.42	<0.5	12	34	21	3.12
CC83359		0.30	0.003	0.2	2.23	5	<10	330	0.7	<2	0.77	<0.5	10	32	32	2.99
CC83360		0.12	0.005	0.4	1.82	12	<10	320	0.6	<2	1.35	0.6	10	73	41	2.38
CC83361		0.34	0.004	<0.2	2.50	5	<10	270	0.7	<2	1.09	0.6	23	173	37	4.95
CC83362		0.28	0.011	<0.2	1.99	7	<10	120	0.5	<2	0.73	<0.5	14	77	25	3.56
CC83363		0.24	0.001	<0.2	2.22	10	<10	120	<0.5	<2	0.39	<0.5	14	57	23	3.16
CC83364		0.26	0.001	<0.2	1.92	6	<10	80	<0.5	<2	0.27	<0.5	9	46	15	2.84
CC83365		0.28	0.005	0.2	2.41	10	<10	160	0.5	<2	0.32	<0.5	11	45	23	3.36
CC83366		0.28	0.002	<0.2	2.19	6	<10	140	<0.5	<2	0.28	<0.5	10	37	22	2.91
CC83367		0.24	0.003	<0.2	2.66	13	<10	160	0.6	<2	0.33	<0.5	10	35	27	3.87
CC83368		0.28	0.003	<0.2	2.38	8	<10	180	0.6	<2	0.25	<0.5	11	36	21	3.07
CC83369		0.30	0.002	<0.2	2.28	11	<10	220	0.5	<2	0.32	<0.5	9	35	19	2.99
CC83370		0.20	0.001	0.2	2.59	14	<10	210	0.6	<2	0.24	<0.5	10	31	20	3.42
CC83371		0.28	0.005	0.2	2.55	12	<10	220	0.5	<2	0.34	<0.5	9	35	21	3.34
CC83372		0.28	0.001	<0.2	2.51	13	<10	200	0.5	<2	0.29	<0.5	10	36	25	3.13
CC83373		0.34	0.002	0.2	2.12	31	<10	200	0.7	<2	0.63	<0.5	13	52	26	4.28
CC83374		0.28	0.011	0.5	1.85	16	<10	340	0.5	<2	0.55	<0.5	8	36	31	2.86
CC83375		0.34	0.009	0.2	1.47	11	<10	590	0.8	<2	0.47	<0.5	9	27	44	3.04
CC83376		0.28	0.005	0.2	1.56	6	<10	600	0.6	<2	0.57	<0.5	6	27	29	2.48
CC83377		0.24	0.004	<0.2	1.33	14	<10	420	0.7	<2	0.43	<0.5	8	19	20	3.08
CC83378		0.26	0.004	<0.2	1.37	12	<10	330	0.6	<2	0.25	<0.5	8	22	21	2.67
CC83379		0.26	0.004	0.3	1.79	8	<10	550	0.8	<2	0.65	<0.5	11	43	48	2.93
CC83380		0.14	0.007	0.3	1.66	6	<10	440	0.7	<2	1.23	0.5	7	37	38	2.08



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ALS Canada Ltd.

2103 Dollarton Hwy  
North Vancouver BC V7H 0A7

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To: STRATEGIC METALS LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page: 2 - B  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: MTT

Project: KLOTASSIN

## CERTIFICATE OF ANALYSIS VA10093074

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	
	Units LOR	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC83341		10	<1	0.08	10	0.85	383	1	0.03	14	1230	2	0.03	<2	5	46
CC83342		10	1	0.12	10	0.90	280	1	0.03	18	1400	4	0.01	<2	5	31
CC83343		10	<1	0.13	10	0.91	278	1	0.03	13	980	3	0.03	<2	5	53
CC83344		10	1	0.04	10	0.58	174	1	0.02	12	400	6	<0.01	<2	3	21
CC83345		10	1	0.30	10	1.37	416	<1	0.02	35	1530	4	<0.01	<2	5	44
CC83346		10	<1	0.05	10	0.63	207	1	0.02	20	550	6	0.01	<2	4	19
CC83347		10	1	0.10	10	0.89	305	<1	0.02	32	880	5	<0.01	<2	3	27
CC83348		10	<1	0.05	10	0.87	279	<1	0.02	28	520	6	0.01	<2	4	24
CC83349		10	1	0.04	10	0.60	330	<1	0.02	19	700	25	0.01	3	5	29
CC83350		10	<1	0.07	10	0.48	232	1	0.02	17	270	18	0.01	<2	3	25
CC83351		10	<1	0.04	10	0.35	280	2	0.02	15	510	8	0.01	3	3	17
CC83352		10	<1	0.07	10	0.58	376	1	0.02	10	300	15	<0.01	<2	3	32
CC83353		10	<1	0.09	10	0.71	777	1	0.02	15	740	13	0.01	<2	4	38
CC83354		10	1	0.08	10	0.57	427	1	0.02	19	480	15	0.01	<2	4	33
CC83355		10	<1	0.04	10	0.61	313	<1	0.03	20	380	18	0.02	<2	4	29
CC83356		<10	<1	0.07	10	0.44	472	1	0.02	12	330	10	0.02	<2	3	29
CC83357		10	<1	0.11	20	0.49	517	1	0.02	10	610	9	0.02	<2	3	36
CC83358		10	<1	0.05	20	0.50	811	1	0.03	18	270	9	0.02	<2	4	40
CC83359		10	<1	0.05	20	0.63	399	<1	0.04	17	640	7	0.02	<2	7	73
CC83360		10	<1	0.07	20	0.75	457	2	0.05	37	850	10	0.06	<2	4	131
CC83361		10	<1	0.46	20	3.13	606	<1	0.05	87	1830	26	<0.01	<2	6	63
CC83362		10	<1	0.10	10	1.40	357	<1	0.05	34	1320	5	<0.01	<2	6	42
CC83363		10	<1	0.06	10	0.82	323	<1	0.04	33	760	4	<0.01	<2	4	28
CC83364		10	<1	0.04	10	0.57	187	<1	0.03	23	510	4	<0.01	<2	3	19
CC83365		10	<1	0.05	10	0.73	317	<1	0.04	28	610	6	<0.01	<2	5	24
CC83366		10	<1	0.04	10	0.64	300	<1	0.04	19	210	10	<0.01	<2	5	26
CC83367		10	<1	0.06	10	0.67	242	2	0.04	19	540	17	0.03	<2	4	43
CC83368		10	<1	0.04	10	0.71	288	1	0.04	20	260	12	<0.01	<2	4	29
CC83369		10	<1	0.05	10	0.59	318	1	0.04	17	360	12	<0.01	<2	4	32
CC83370		10	1	0.06	10	0.67	377	1	0.04	14	360	16	<0.01	<2	4	30
CC83371		10	<1	0.05	10	0.65	365	1	0.04	18	380	7	<0.01	<2	5	35
CC83372		10	<1	0.05	10	0.66	337	1	0.04	19	290	9	<0.01	<2	4	32
CC83373		10	<1	0.11	10	0.82	424	2	0.05	13	940	7	<0.01	<2	9	57
CC83374		10	<1	0.10	20	0.57	354	2	0.05	15	730	10	0.02	<2	5	55
CC83375		<10	<1	0.06	20	0.47	271	3	0.04	13	730	10	0.01	<2	6	47
CC83376		10	<1	0.06	20	0.49	286	1	0.04	14	660	6	0.01	<2	5	57
CC83377		10	<1	0.08	20	0.42	216	1	0.03	9	950	9	0.02	<2	4	89
CC83378		10	<1	0.07	20	0.40	573	3	0.03	10	400	12	0.01	<2	3	73
CC83379		10	<1	0.10	20	0.64	421	1	0.05	27	630	7	<0.01	<2	5	51
CC83380		<10	<1	0.08	20	0.48	183	1	0.04	18	770	5	0.06	<2	5	103



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LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Page: 2 - C  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: MTT

Project: KLOTASSIN

CERTIFICATE OF ANALYSIS	VA10093074
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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Ti	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10	2
CC83341		<20	0.13	<10	<10	80	<10	67
CC83342		<20	0.20	<10	<10	109	<10	65
CC83343		<20	0.17	<10	<10	85	<10	62
CC83344		<20	0.15	<10	<10	83	<10	45
CC83345		<20	0.33	<10	<10	120	<10	70
CC83346		<20	0.13	<10	<10	83	<10	45
CC83347		<20	0.16	<10	<10	73	<10	49
CC83348		<20	0.14	<10	<10	81	<10	53
CC83349		<20	0.12	<10	<10	76	<10	72
CC83350		<20	0.11	<10	<10	80	<10	49
CC83351		<20	0.10	<10	<10	77	<10	49
CC83352		<20	0.13	<10	<10	74	<10	51
CC83353		<20	0.15	<10	<10	92	<10	67
CC83354		<20	0.11	<10	<10	79	<10	61
CC83355		<20	0.11	<10	<10	69	<10	55
CC83356		<20	0.07	<10	<10	62	<10	42
CC83357		<20	0.05	<10	<10	57	<10	60
CC83358		<20	0.09	<10	<10	83	<10	54
CC83359		<20	0.12	<10	<10	72	<10	55
CC83360		<20	0.05	<10	<10	54	<10	59
CC83361		<20	0.36	<10	<10	136	<10	141
CC83362		<20	0.19	<10	<10	104	<10	66
CC83363		<20	0.16	<10	<10	82	<10	49
CC83364		<20	0.14	<10	<10	78	<10	42
CC83365		<20	0.14	<10	<10	82	<10	55
CC83366		<20	0.14	<10	<10	72	<10	52
CC83367		<20	0.09	<10	<10	74	<10	60
CC83368		<20	0.11	<10	<10	72	<10	64
CC83369		<20	0.10	<10	<10	73	<10	55
CC83370		<20	0.09	<10	<10	84	<10	62
CC83371		<20	0.11	<10	<10	84	<10	55
CC83372		<20	0.10	<10	<10	72	<10	50
CC83373		<20	0.15	<10	<10	113	<10	69
CC83374		<20	0.09	<10	<10	57	<10	50
CC83375		<20	0.06	<10	<10	55	<10	57
CC83376		<20	0.05	<10	<10	50	<10	50
CC83377		<20	0.05	<10	<10	58	<10	53
CC83378		<20	0.09	<10	<10	59	<10	39
CC83379		<20	0.06	<10	<10	61	<10	55
CC83380		<20	0.04	<10	<10	45	<10	48



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To: STRATEGIC METALS LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981)  
LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Project: KLOTASSIN

Page: 3 - A  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: MTT

<b>CERTIFICATE OF ANALYSIS</b>	<b>VA10093074</b>
--------------------------------	-------------------

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm	ME-ICP41 Fe %
		0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC83381		0.26	0.006	0.2	1.57	7	<10	150	<0.5	<2	0.78	<0.5	9	29	26	2.48
CC83382		0.14	0.011	<0.2	1.48	8	<10	250	<0.5	<2	1.07	0.5	10	30	27	2.43
CC83383		0.22	0.017	<0.2	1.18	6	<10	120	<0.5	<2	0.69	<0.5	7	23	17	2.21



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Project: KLOTASSIN

Page: 3 - B

Total # Pages: 3 (A - C)

Finalized Date: 23-JUL-2010

Account: MTT

## CERTIFICATE OF ANALYSIS VA10093074

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC83381		<10	<1	0.04	10	0.57	369	<1	0.06	18	690	2	0.01	<2	4	54
CC83382		<10	<1	0.09	10	0.56	699	<1	0.06	19	860	3	0.02	<2	4	80
CC83383		<10	<1	0.05	10	0.48	297	<1	0.05	13	830	2	<0.01	<2	3	46



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Project: KLOTASSIN

Page: 3 - C  
Total # Pages: 3 (A - C)  
Finalized Date: 23-JUL-2010  
Account: MTT

## CERTIFICATE OF ANALYSIS VA10093074

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm
		20	0.01	10	10	1	10
CC83381		<20	0.11	<10	<10	59	<10
CC83382		<20	0.09	<10	<10	55	<10
CC83383		<20	0.09	<10	<10	52	<10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016 – 510 West Hastings Street  
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

Fax: 604-688-2578

AFFIDAVIT



I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of  
Expenditures for exploration work on the PPP 1-16 mineral claims  
on Claim Sheet 115J/6 is accurate.

  
Joan Mariacher

Sworn before me at Vancouver, B.C.  
this 15th day of April 2011.

  
Barrister & Solicitor

**IAN J. TALBOT**  
Barrister & Solicitor  
281 East 5th Street  
North Vancouver  
British Columbia  
Canada V7L 1L8

Statement of Expenditures  
PPP 1-16 Mineral Claims  
April 14, 2011

Labour

H. Smith (geologist) January to April 2011 – 2 hrs @ \$90/hr	\$ 201.60
O. Fu (geologist) January to April 2011 – 26 hrs @ \$50.30/hr	1,464.74
T. Epp (field assistant) July 2011 – 1 day @ \$328/day	367.36
B. Alladice (field assistant) July 2011 – 1 day @ \$304/day	<u>340.48</u>
	2,374.18

Expenses

Field room and board – 2 manday @ \$125/manday	280.00
Capital Helicopters	3,121.13
ALS Chemex	<u>954.11</u>
	4,355.24

Total	<u>\$6,729.42</u>
-------	-------------------

# CAPITAL HELICOPTERS (1995) INC.

Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6  
 Phone: (867) 668-6200 Fax: (867) 668-6201  
 capitalheli@polarcom.com



**Charter and Contract Service**

## INVOICE

NO. 11329

DATE 05/07/2010

PAGE 1 of 1

SOLD TO

Archer Cathro  
 Suite 1016, 510 West Hastings  
 Vancouver, B. C. V6B 1L8

SHIP TO

Archer Cathro  
 Suite 1016, 510 West Hastings  
 Vancouver, B. C. V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
July 1	2.0	hrs	Nansen-DDD-S/O and P/U	G		1,025.00	2,050.00
July 2	1.1	hrs	Nerland-Nansen-DDD-S/O and P/U Taylor	G		1,025.00	1,127.50
July 3	2.9	hrs	Nansen-DDD-S/O and P/U Taylor	G		1,025.00	2,972.50
			Nansen-PPP-S/O and P/U Taylor	G			<u>2,972.50</u>
			G - GST 5.00%				307.51
			GST				
Capital Helicopters (1995) Inc GST: #899587984 Thank You! Your Business Is Appreciated! Fuel Price includes Federal and Yukon Tax COMMENTS							<b>TOTAL</b> 6,457.51

*A Kletman NA 02*

3.1 AX - DDD - 3336.38

2.9 A - PPP - 3121.13



**ALS Chemex**  
EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd  
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To: STRATEGIC METALS LTD.  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

INVOICE NUMBER 2107231

**BILLING INFORMATION**

Certificate: VA10093074  
 Sample Type: Soil  
 Account: MTT  
 Date: 23-JUL-2010  
 Project: KLOTASSIN *Asp*  
 P.O. No.: PPP  
 Quote: ALSM-CW10-010-F  
 Terms: Net 30 Days  
 Comments: C1

QUANTITY	CODE	ANALYSED FOR DESCRIPTION	UNIT PRICE	TOTAL
43	PREP-41	Dry, Sieve (180 um) Soil	0.96	41.28
10.06	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.80	18.11
43	Au-ICP21	Au 30g FA ICP-AES Finish	11.06	475.58
43	ME-ICP41	35 Element Aqua Regia ICP-AES	4.92	211.56
43	GEO-AR01	Aqua regia digestion	2.45	105.35

*Klotassin*  
*NA PD*

To: STRATEGIC METALS LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
1016-510 W HASTINGS ST  
VANCOUVER BC V6B 1L8

Please Remit Payments To :  
**ALS Canada Ltd.**  
2103 Dollarton Hwy  
North Vancouver BC V7H 0A7

Payment may be made by: Cheque or Bank Transfer  
 Beneficiary Name: ALS Canada Ltd.  
 Bank: Royal Bank of Canada  
 SWIFT: ROYCCAT2  
 Address: Vancouver, BC, CAN  
 Account: 003-00010-1001098

SUBTOTAL (CAD) \$ 851.88  
 R100938885 HST BC \$ 102.23  
**TOTAL PAYABLE (CAD) \$ 954.11**