ASSESSMENT REPORT

describing

GEOCHEMICAL SAMPLING

at the

QQQ PROPERTY

QQQ 1-16  YD57169-YD57184

NTS 115J/06
Latitude 62°21′N; Longitude 139°05′W

located in the

Whitehorse Mining District
Yukon Territory

prepared by


for

WOLVERINE MINERALS CORP.
and

STRATEGIC METALS LTD.

by

A. Mitchell, B.Sc., Geology

January 2012
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INTRODUCTION

The QQQ property lies within the Dawson Range Gold Belt of western Yukon. It was staked to cover a moderate copper-gold anomaly 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 sieve silt sampling conducted on August 5, 2011 by Archer, Cathro & Associates (1981) Limited on behalf of Wolverine. The author interpreted all data from this project and his Statement of Qualifications is in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The QQQ property consists of 16 contiguous mineral claims, which are located on NTS map sheet 115J/06 at latitude 62°21′ north and longitude 139°05′ 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. Specifics concerning claim registration are tabulated below, while the locations of individual claims are shown on Figure 2.

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* Expiry date does not include 2011 work that has not yet been filed for assessment credit.

Access to and from the property was provided by a Bell 206B helicopter owned and operated by Capital Helicopters (1995) Inc. of Whitehorse, from a temporary base at Rockhaven Resources Ltd.’s Klaza property located near the former Mount Nansen Mine. The Klaza property lies about 100 km southeast of the QQQ 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 from the creek that drains the QQQ property. Those samples returned 15 and 13 ppm copper and 17 24 ppm lead. Four other samples were collected from drainages outside the current claim boundaries. Those samples yielded up to 30 ppm copper, up to 3 ppm molybdenum and up to 25 ppm lead (Cathro and Culbert, 1969). No gold analyses were done during this program.

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. Two of the samples previously collected were on the unnamed creek draining the QQQ property. Those samples returned 46 and 22 ppb gold and
FIGURE 2
CLAIM LOCATIONS
QQQ PROPERTY

WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FILE: ...
DATE: JAN 2012

UTM ZONE 7, NAD 83, 115J/06
background values for other metals. One sample taken southeast of the property yielded 7 ppb gold and background values for other metals (Archer and Onasick, 1980).

In 1986, the Geological Survey of Canada (GSC) conducted a low-density stream sediment and water sampling survey on NTS map sheet 115J (Friske et al., 1986). No samples were taken from the property or creeks draining the property.

Strategic staked the QQQ claims in April 2010 to cover the drainages that yielded the historical gold-in-silt anomalies. That year, Strategic completed one day of geochemical surveying, which yielded one anomalous gold-in-soil value (69 ppb) with background to moderately anomalous values for arsenic (up to 34 ppm), copper (up to 52 ppm) and zinc (up to 135 ppm). Background to weakly anomalous lead values (up to 19 ppm) were also found on the property (Smith, 2011). Wolverine signed an optional purchase agreement with Strategic in September 2010.

**GEOMORPHOLOGY AND CLIMATE**

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

The property mostly covers the southwest facing slope of a low ridge. Elevations are about 640 to 820 m above sea level. Outcrop is rare or non-existent. The entire property is below treeline. Vegetation on the property is moderately abundant and comprises mature spruce trees with an understorey of low shrubs and moss.

The climate in the QQQ 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**

The QQQ 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.

In 1974, the GSC 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 QQQ area.

The area is underlain by the Devonian to Mississippian Nasina Assemblage (Figure 4). Regionally this assemblage comprises black-weathering, massive, dark grey to black strongly graphitic quartzite with lesser grey micaceous quartzite and quartz-mica schist. Alternating light and dark grey laminations are commonly seen.
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.

DMN: NASINA
PROPERTY GEOLOGY

No detailed geological mapping has been done on the QQQ property.

No mineral occurrences are known on the property.

SIEVE SILT GEOCHEMISTRY

In 2011, Wolverine collected three sieve silt samples from the property. Sample locations are plotted on Figure 5, while results for gold, arsenic, copper and zinc are illustrated thematically on Figures 6 to 9, respectively. Certificates of Analysis are provided in Appendix II.

W.R. (Bill) Gilmour from Discovery Consultants of Vernon, British Columbia provided instructions and equipment for collecting the samples. The crew collected up to three kilograms of material from specific locations based on flow rates and geomorphological characteristics. Each sample was placed into a large heavy-plastic bag and then double-bagged for safe transport. Sample sites are marked with aluminum tags inscribed with sample numbers and affixed to 0.5 m wooden lath that were driven into the ground. All sample locations were recorded using hand-held GPS units.

The sieve silt samples were sent to Acme Labs in Vancouver, B.C. where they were dried and sieved to -80 mesh. Special instructions were given to sieve entire sample weight, not only 0.5 kg, which is standard practice at Acme. Once sieved, the sample was divided using a micro splitter to produce a 30 g sub-sample that was analyzed by aqua regia digestion and ultra-trace inductively coupled plasma-mass spectrometry.

Samples returned background values for gold (up to 7.1 ppb), arsenic (up to 3.7 ppm), copper (up to 8.56 ppm), lead (up to 4.14 ppm), zinc (up to 50.2 ppm) and all other gold pathfinder elements.

DISCUSSION AND CONCLUSIONS

Sieve silt geochemistry performed by Wolverine on the QQQ property was unable to confirm the anomalous historic values of 46 and 22 ppb gold-in-silt. Due to the relative paucity of soil samples on the property and the difficulty of obtaining good quality samples, future work maybe warranted if significant discoveries continue to be made in the Dawson Range Gold Belt. If new cost effective techniques are developed to test beneath thick colluvium, they should be used instead of traditional sampling procedures.
WOLVERINE MINERALS CORP.
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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SAMPLE LOCATIONS

QQQ PROPERTY

2010 Soil samples
2011 Sieve Silt Samples
WOLVERINE MINERALS CORP.
STRATEGIC METALS LTD.

ARSENIC GEOCHEMISTRY
QQQ PROPERTY

FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2011 As (ppm)
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- 0 < 5

2010 As (ppm)
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- 0 < 5

1980 NAT JV As (ppm)
- ≥20 < 50
- ≥10 < 20
- ≥5 < 10
- 0 < 5
Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A. Mitchell, B.Sc., Geology
REFERENCES

Archer, A. R. and Onasick, E.P.

Cathro, R.J. and Culbert, R.E.
1969 Summary report on the 1969 field program; Dawson Range Joint Venture Project, Yukon Territory.

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)

Smith, H.
2011 Assessment report describing 2010 geochemical sampling on the AAA property prepared for Wolverine Mineral Corp. and Strategic Metals Ltd.

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, Andrew Mitchell, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2010 with a B.Sc. in Earth and Environmental Sciences.

2. From 2010 to present, I have been actively engaged in mineral exploration in Yukon Territory.

3. I have interpreted all data resulting from this work.

A. Mitchell, B.Sc., Geology
APPENDIX II

CERTIFICATES OF ANALYSIS
### Sample Preparation and Analytical Procedures

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### Additional Comments

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

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This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.

*"* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.
### CERTIFICATE OF ANALYSIS

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## CERTIFICATE OF ANALYSIS

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This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
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Reference Materials

- **STD DS8 Standard**
  - Mo: 12.80 ppm
  - Cu: 91.14 ppm
  - Pb: 121.2 ppm
  - Zn: 291.6 ppm
  - Ag: 1713 ppm
  - Ni: 35.4 ppm
  - Co: 7.0 ppm
  - Mn: 594 ppm
  - Fe: 2.37 ppm
  - As: 22.2 ppm
  - U: 108.3 ppm
  - Th: 6.0 ppm
  - Sr: 312 ppm
  - Bi: 63.6 ppm
  - V: 2.37 ppm
  - Ca: 1.95 ppm
  - P: 5.48 ppm
  - MDL: 0.70 ppm

- **STD DS8 Expected**
  - Mo: 13.44 ppm
  - Cu: 110 ppm
  - Pb: 123 ppm
  - Zn: 1690 ppm
  - Ag: 38.1 ppm
  - Ni: 7.5 ppm
  - Co: 615 ppm
  - Mn: 2.46 ppm
  - Fe: 26 ppm
  - As: 107 ppm
  - U: 6.89 ppm
  - Th: 2.38 ppm
  - Sr: 67.7 ppm
  - Bi: 6.67 ppm
  - V: 2.38 ppm
  - Ca: 5.7 ppm
  - P: 41.1 ppm
  - MDL: 0.7 ppm

- **BLK Blank**
  - Mo: <0.01 ppm
  - Cu: <0.01 ppm
  - Pb: <0.01 ppm
  - Zn: <2 ppm
  - Ag: <0.1 ppm
  - Ni: <1 ppm
  - Co: <0.1 ppm
  - Mn: <0.1 ppm
  - Fe: <0.2 ppm
  - As: <0.5 ppm
  - U: <0.01 ppm
  - Th: <0.02 ppm
  - Sr: <2 ppm
  - Bi: <0.01 ppm
  - V: <0.01 ppm
  - Ca: <0.01 ppm
  - P: <0.01 ppm
  - MDL: 0.071 ppm

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QUALITY CONTROL REPORT

<table>
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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 QQQ 1-16 mineral claims
on Claim Sheet 115J/6 is accurate.

Sworn before me at Vancouver, B.C.

this 15th day of April 2011.

Barrister & Solicitor

IAN J. TALBOT
Barrister & Solicitor
201 East 6th Street
North Vancouver
British Columbia
Canada V7L 1L8
Statement of Expenditures  
QQQ 1-16 Mineral Claims  
April 14, 2011

**Labour**

- H. Smith (geologist) January to April 2011 – 2 1/2 hrs @ $90/hr $252.00
- O. Fu (geologist) January to April 2011 – 30 hrs @ $50.30/hr 1,690.08
- T. Epp (field assistant) July 2011 – 1 day @ $328/day 367.36
- B. Alladice (field assistant) July 2011 – 1 day @ $304/day 340.48

Total 2,649.92

**Expenses**

- Field room and board – 2 manday @ $125/manday 280.00
- Capital Helicopters 3,013.50
- ALS Chemex 452.85

Total 3,746.35

**Total** 6,396.27
## Invoice Details

**Company:** Capital Helicopters (1995) Inc.
**Address:** Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 6E6
**Phone:** (867) 668-6200  Fax: (867) 668-6201
capitalhel@polarcom.com

**Charter and Contract Service**

**Ship To:**
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, B. C. V6B 1L8

---

**INVOICE**

**NO.** 11306-11311  **DATE** 16/07/2010  **PAGE** 1 of 1

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

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**G - GST 5.00%**

**TOTAL:** 28,090.13

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**Thank You! Your Business Is Appreciated!**

Fuel Price includes Federal and Yukon Tax

---

**Remarks:**

- 3.8 hr EEE - 4089.25
- 1.4 hr CCC - 1506.25
- 1.2 hr DDD - 1291.50
- 1.4 hr EEE - 1506.25
- 3.0 hr HHH - 3228.25
- 0.8 hr 111 - 861.00
- 2.8 hr BBQ - 3018.50

- 2.2 hr JSS - 2367.25
- 3.4 hr KKK - 2573.00
- 5.1 hr MMM - 5488.88
- 2.0 hr 000 - 2157.25
### BILLING INFORMATION

- **Certificate:** VA10098840
- **Sample Type:** Soil
- **Account:** MTT
- **Date:** 30-JUL-2010
- **Project:** KLOTASSIN
- **P.O. No.:** QQQ
- **Quote:** ALSM-CW10-010-F
- **Terms:** Net 30 Days
- **Comments:**

### INVOICE NUMBER 2111765

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**SUBTOTAL (CAD)** $850.76

**R100938885 HST BC** $102.09

**TOTAL PAYABLE (CAD)** $952.85

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:** 003-00010-1001099

---

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