

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

Telephone: 604-688-2568

Fax: 604-688-2578

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## **ASSESSMENT REPORT**

describing

### **SOIL GEOCHEMICAL SAMPLING AND PROSPECTING**

at the

### **PIGSKIN PROPERTY**

Pigskin 1-28 Claims YB75518-YB75545

NTS 105B/08

Latitude 60°26'N; Longitude 130°17'W

located in the

Watson Mining District  
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

### **STRATEGIC METALS LTD.**

S. Eaton, B.Sc., GIT  
October, 2009

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## **INTRODUCTION**

The Pigskin property hosts silver rich, lead-zinc vein and replacement style mineralization. It is located in southeast Yukon and is owned by Strategic Metals Ltd.

This report describes one day of field work conducted on August 25, 2009 on behalf of Strategic. The work consisted of deep auger soil sampling performed by a three person crew working from Watson Lake. The program was managed by Archer, Cathro & Associates (1981) Limited under the direction of the author. Appendix I contains the author's Statement of Qualifications.

## **PROPERTY, LOCATION AND ACCESS**

The property is located in the Rancheria area of southeast Yukon at latitude 60°26'N and longitude 130°17'W on NTS map sheet 105B/8 (Figure 1). It comprises 28 contiguous mineral claims (Figure 2) registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic. Claim registration data are listed below.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Pigskin 1-28	YB75518-YB75545	February 15, 2010

\* Expiry date does not include 2009 work that has not yet been filed for assessment credit.

In 2009, access to the property was provided by a Hughes 500D helicopter operated by Inconnu Fishing Lodge from the airport at Watson Lake, which is located approximately 110 km east of the property.

A winter trail built by Fairfield Minerals Ltd. in 1987 to access its Logan property lies along the southwest side of the Pigskin claims. This trail originates at Km 1107 on the Alaska Highway, about 25 km southeast of the property.

## **PREVIOUS WORK**

The area now covered by the Pigskin property was previously staked by Regional Resources Ltd. as part of a much larger claim block (Moose claims) in March 1980. That property was briefly optioned the following summer to Amax Minerals Exploration, which performed geological mapping, prospecting and geochemical surveys. During that program approximately 900 grid soil samples were taken at 50 m intervals on lines spaced 200 m apart. This sampling outlined an 1100 by 300 m area of approximately coincident, moderately to strongly anomalous silver-lead-zinc geochemical response. Minor amounts of float with fracture-filling galena and sphalerite were also noted (Verley, 1980).

In February 1996, Nordac Mining Corporation (now Strategic Metals Ltd.) restaked the anomalous area and other nearby targets as the Pigskin and QB claims.

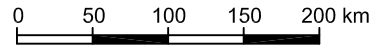
During summer 1996, a four person crew performed geological mapping, prospecting and grid soil sampling on the Pigskin claims (Wengzynowski, 1996). The grid soil sampling outlined a

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FIGURE 1

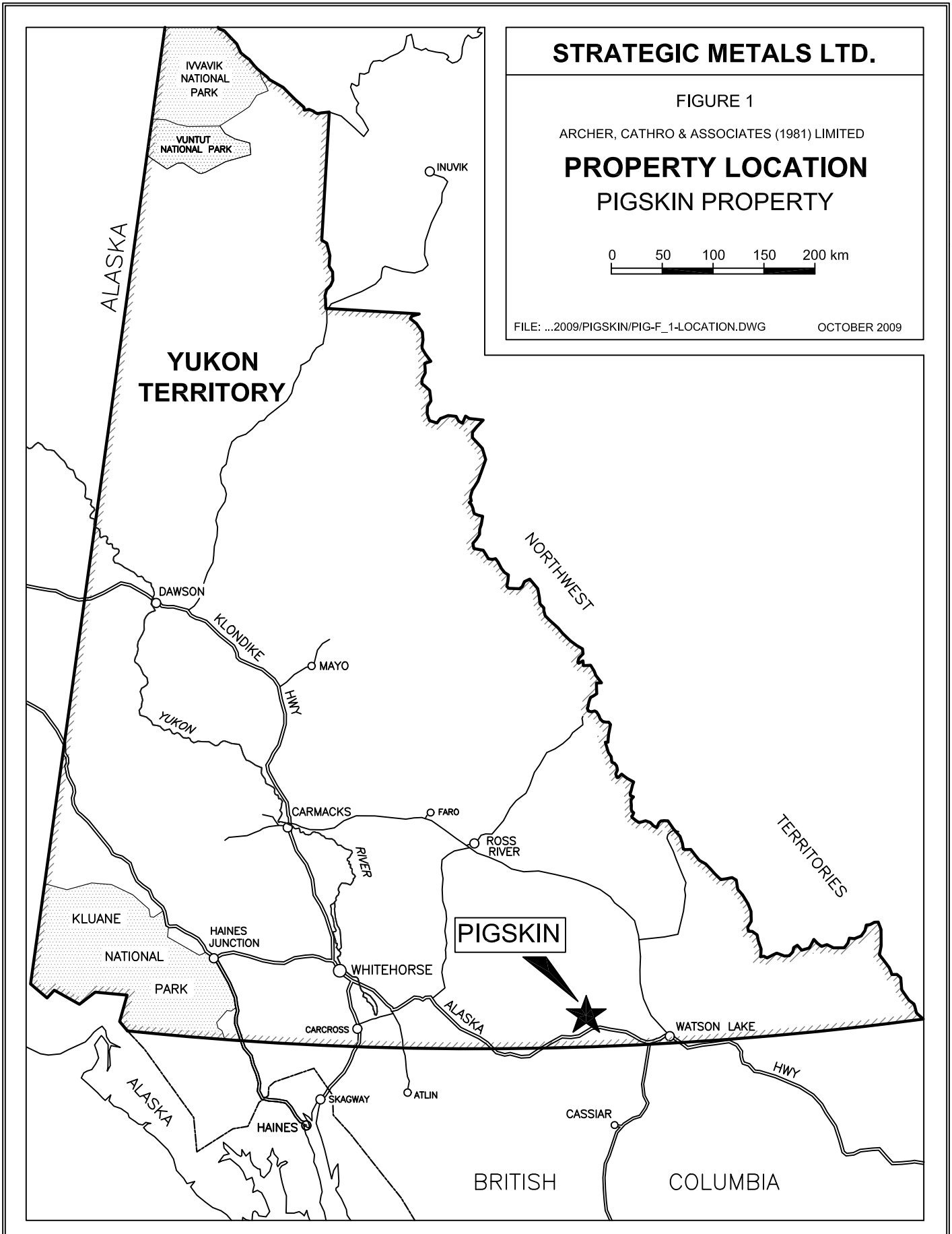
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

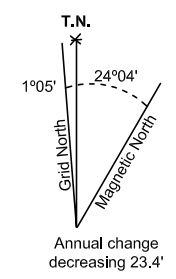
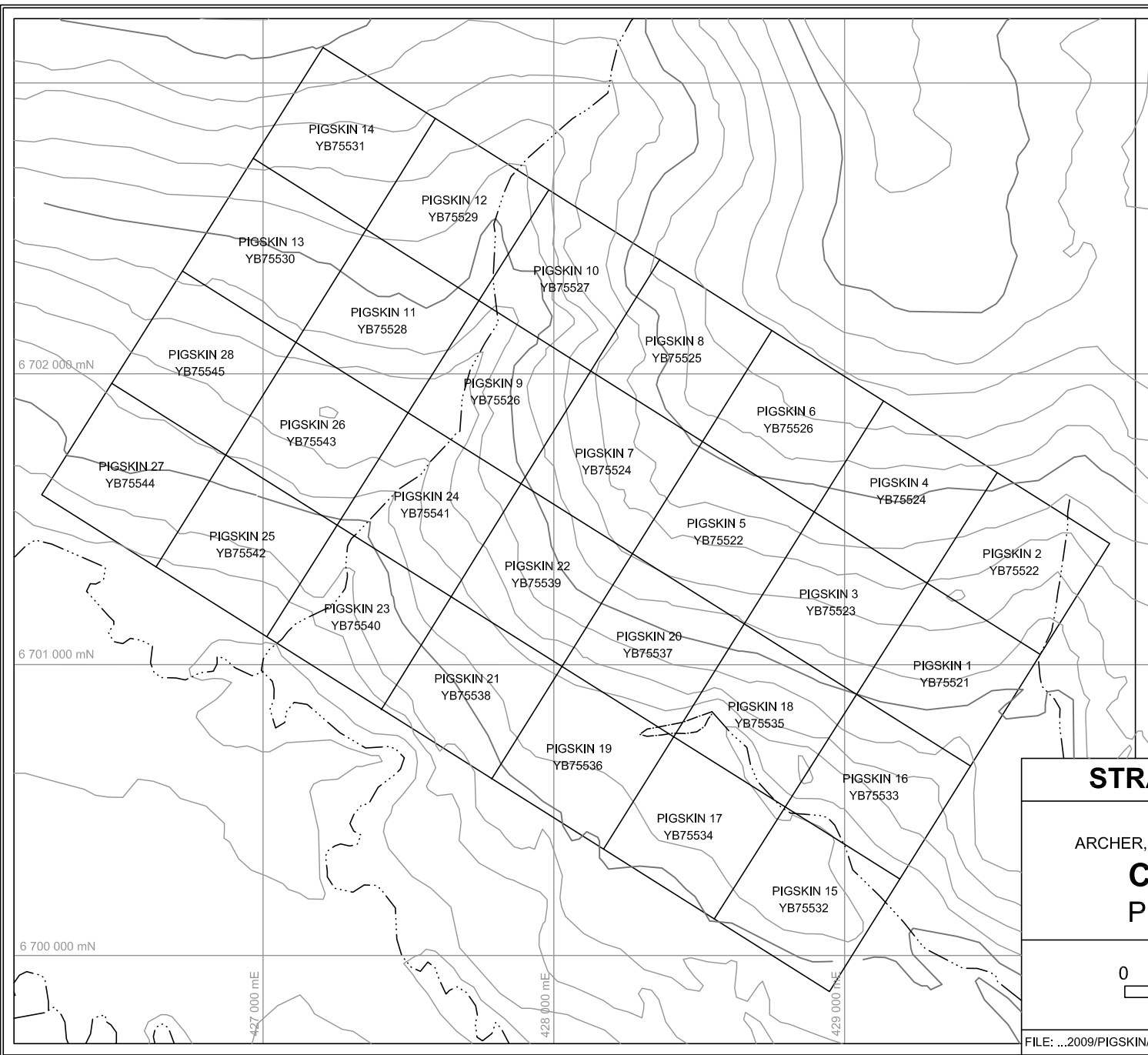
**PROPERTY LOCATION  
PIGSKIN PROPERTY**



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OCTOBER 2009





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FIGURE 2  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**CLAIM LOCATION**  
**PIGSKIN PROPERTY**

0  1 km  
 UTM Zone 9V, NAD 83

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700 by 300 m northwest-trending silver-lead-zinc anomaly (Anomaly B), which roughly corresponds to the 1980 soil anomaly. Several smaller silver-lead anomalies were outlined elsewhere on the grid. Although no substantial mineralization was found to explain Anomaly B, massive galena float was discovered within one of the smaller anomalies (Anomaly A).

In 1997, three people performed one day of hand trenching in the area of the galena float at Anomaly A. This work located more mineralized float but failed to find a bedrock source.

In 1998, a two person crew performed additional hand trenching, prospecting and geological mapping at Anomaly A. The trenching was done in the vicinity of the 1997 trenches and exposed a galena vein in bedrock. The best chip sample from this vein returned 5725 g/t silver and 71% lead over 35 cm (Becker, 1999).

In 2005, nine soil samples were collected and eight additional trenches were dug at Anomaly A to better expose the vein and test along its projected strike extension (Gregory and Wengzynowski, 2005). Three well mineralized lenses were uncovered and chip sampled at 1 m intervals along their lengths. The average widths and weighted average grades for these lenses are listed in the following table.

**Table I: Weighted Average Grades of Mineralized Lenses**

Location of Mineralized Lens	Length of Mineralized Lens (m)	Average Width (m)	Weighted Average Grade		
			Silver (g/t)	Lead (%)	Zinc (ppm)
TR05-1W	8.15	0.76	1189	> 30	1418
TR05-1E	6.1	0.50	2386	> 30	619
TR98-04	5.5	0.37	3343	> 30	640

## **GEOMORPHOLOGY**

The Pigskin property covers relatively subdued south-facing slopes within the Cassiar Mountains immediately west of the Liard Basin. Creeks draining the property flow southward into the Little Moose River, a tributary of the Liard River, which is part of the Mackenzie River watershed.

Local elevations range from 940 m near Little Moose River to a maximum of 1140 m. Topographic relief is gentle, averaging 10° with occasional steeper areas in the vicinity of creek cuts. Pleistocene valley glaciers deposited a blanket of till ranging from 0.2 to 10 m thick over most of the property. Some areas are hummocky, resembling "kame and kettle"-type topography.

The property lies entirely below treeline and vegetation includes dense growths of spruce, birch and pine trees with alder and buckbrush undergrowth.

## **REGIONAL GEOLOGY**

Geology in the Rancheria area was mapped at a 1:250,000 scale in 1960 by the Geological

Survey of Canada (Poole et al, 1960). More detailed mapping in the Rancheria District (105B/1, 2, 7 & 8) was done in 1985 and 1986 at a 1:50,000 scale by the Department of Indian and Northern Affairs (Lowey and Lowey, 1986; Amuken and Lowey, 1987a and b) in response to base and precious metal discoveries in the area.

The Pigskin property lies within a belt of metamorphic rocks belonging to Yukon-Tanana Terrane and Cassiar Platform (Figure 3). This belt extends from northern B.C. across Yukon into Alaska. The northeastern edge is defined by the Tintina Fault Zone, a series of subparallel transcurrent faults which have produced about 450 km of dextral offset in Late Cretaceous and/or Early Tertiary times (Tempelman-Kluit, et al, 1976). The southwestern side is bound by the Teslin Suture, an enigmatic zone composed of folds plus thrust and high angle faults.

Yukon-Tanana Terrane and Cassiar Platform rocks are composed largely of Paleozoic stratigraphy which has been intruded by Jurassic to Cretaceous plutons, as illustrated on Figure 4. Both terranes are considered "accreted terranes" representing variably distal metamorphosed equivalents of North American continental margin sediments. Yukon-Tanana, the furthest outboard of the two terranes, is thrust onto Cassiar Platform by the D'Abbadie Thrust Fault. Some imbrication of the two terranes is also recognized and the structural position is further complicated by normal faulting. The regional metamorphic fabric within both terranes trends northwesterly and dips moderately toward the northeast.

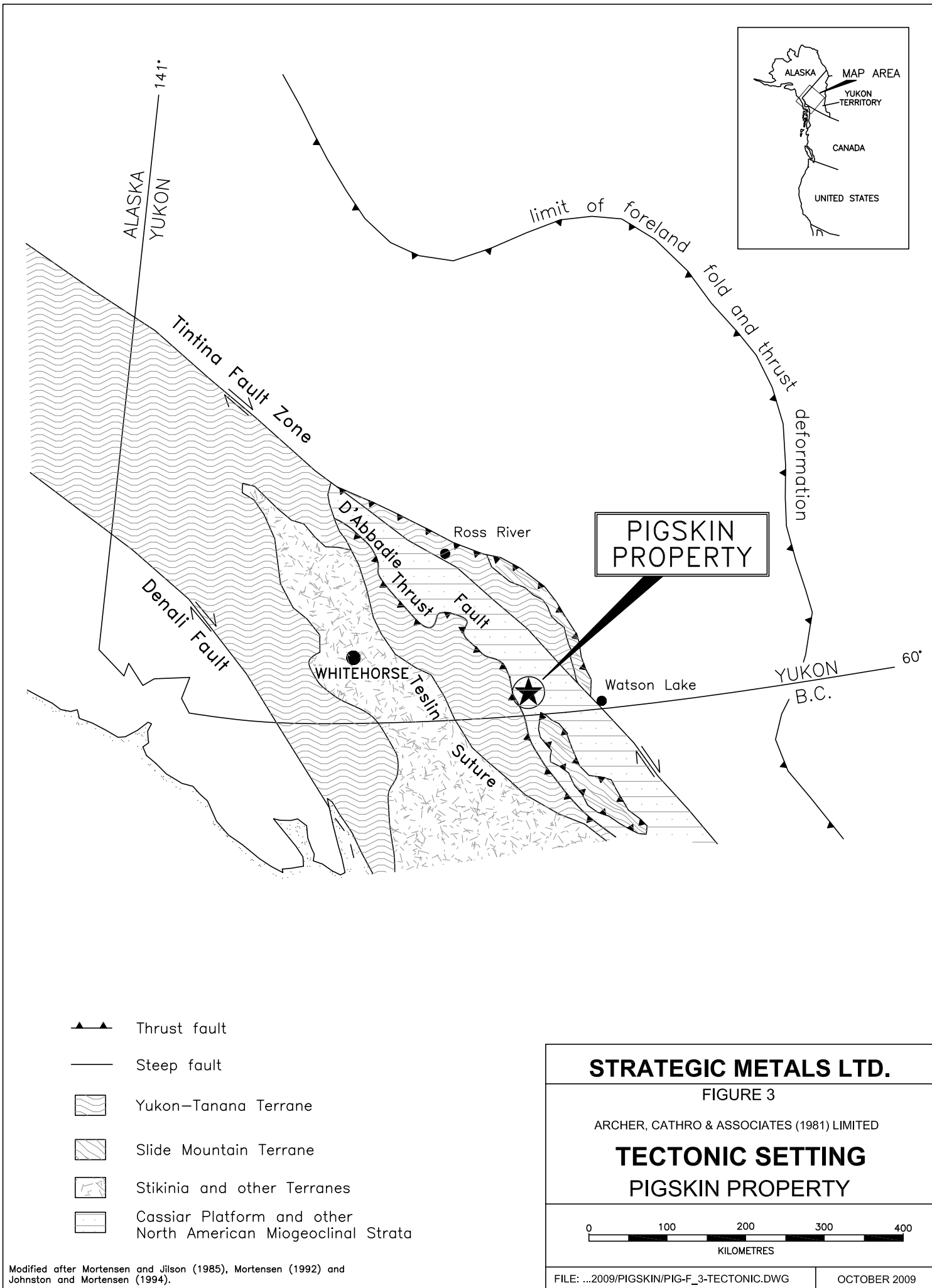
Although rocks of Yukon-Tanana Terrane and Cassiar Platform are approximately the same age, the two packages are distinguished by higher proportions of carbonate strata in Cassiar Platform and metavolcanics in Yukon-Tanana Terrane. The Pigskin claims lies within Cassiar Platform.

### **REGIONAL MINERALIZATION**

Over 140 mineral occurrences have been reported within Yukon-Tanana Terrane and Cassiar Platform rocks on NTS mapsheet 105B (Deklerk, 2003). The majority of the occurrences are found in the Rancheria area and consist of silver-lead-zinc±copper±gold veins with lesser tin-tungsten-zinc skarns. Several lead-zinc-silver replacement-type occurrences are also noted. The most significant discoveries in this region to date are vein and replacement-type mineralization at the Silvertip (Midway), Logan and Silver Hart Deposits (Figure 4). The Silvertip Deposit, located just across the border in B.C., is classified as a replacement-type manto of Devonian age and has drill indicated reserves of 1.9 million tonnes grading 410 g/t silver, 7.0% lead and 9.6% zinc (BC Minfile, 2005). Vein and shear hosted mineralization occurs within the Cretaceous Marker Lake Batholith at the Logan Deposit where reserves are estimated at 12.3 million tonnes grading 6.17% zinc and 26.0 g/t silver (Deklerk, 2003). The Silver Hart Deposit consists of several high grade silver-bearing veins cutting Cassiar Platform sediments and Cretaceous granitic rocks related to the Cassiar Batholith. These veins reportedly contain 99,000 kg of silver (Deklerk, 2003).

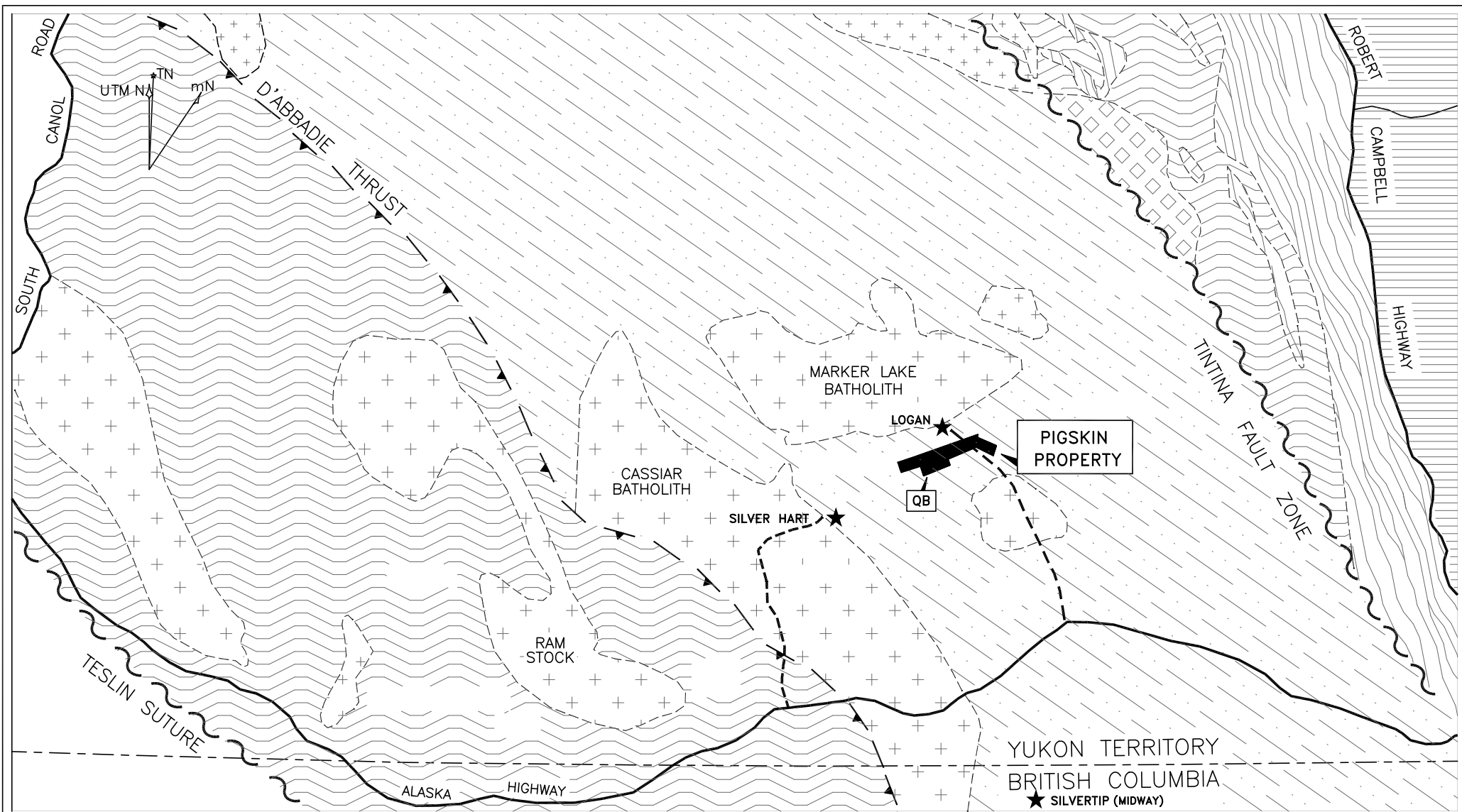
### **PROPERTY GEOLOGY**

Bedrock exposure on the property is poor (< 1%) and outcrops are generally restricted to creek cuts. Most rocks are moderately to strongly foliated with northwesterly strikes and relatively flat-lying, gently undulating dips. Figure 5 illustrates property geology while detailed geology in



Modified after Mortensen and Jilson (1985), Mortensen (1992) and Johnston and Mortensen (1994).

<b>STRATEGIC METALS LTD.</b>	
FIGURE 3	
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED	
<b>TECTONIC SETTING</b>	
<b>PIGSKIN PROPERTY</b>	
 KILOMETRES	
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North American Miogeocline

Pre-Triassic sedimentary and volcanic rocks

Slide Mountain Terrane

Chert, ultramafic, metavolcanic, and carbonate rocks

Yukon-Tanana Terrane

Paleozoic metasedimentary and metavolcanic rocks

Cassiar Platform

Paleozoic metasedimentary and metavolcanic rocks

Intrusive Suites

Paleozoic metaplutonic rocks

Mesozoic plutonic rocks

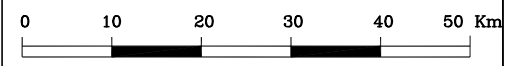
Access road to property

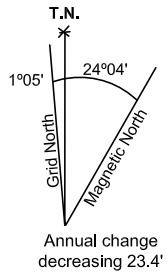
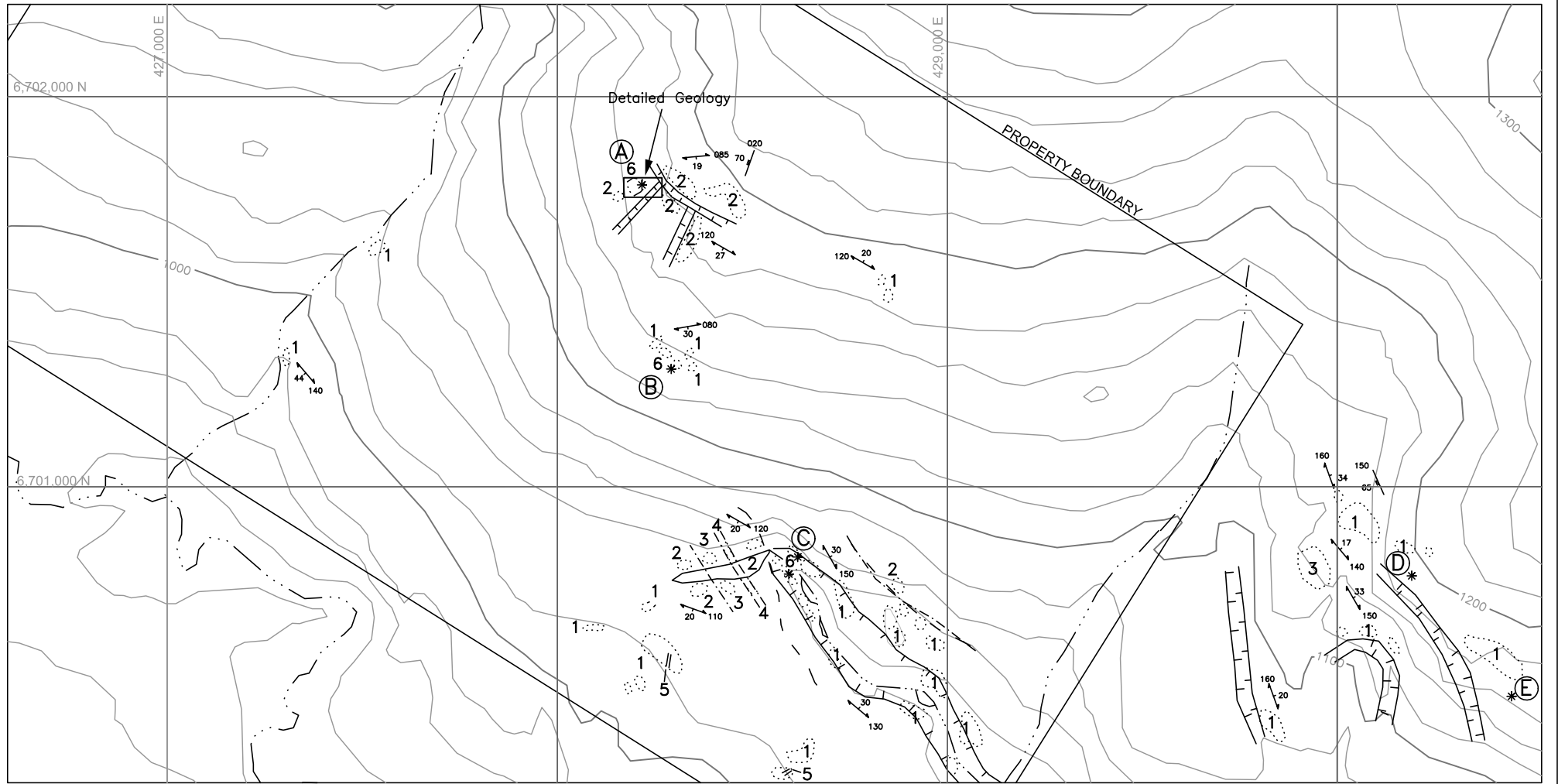
**STRATEGIC METALS LTD.**

FIGURE 4

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**REGIONAL GEOLOGY**  
**PIGSKIN PROPERTY**

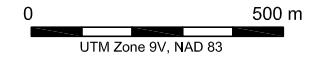




- |   |                                   |       |                              |
|---|-----------------------------------|-------|------------------------------|
| 1 | Quartz grit                       | A     | Showing, referred to in text |
| 2 | Muscovite–biotite–chlorite schist | *     | Mineralized float            |
| 3 | Quartz–feldspar augen gneiss      | ⋯⋯⋯   | Outcrop                      |
| 4 | Andesite                          | ---   | Limit of mineralization      |
| 5 | Quartz–feldspar porphyry          | - - - | Assumed geological contact   |
| 6 | Mineralized float                 |       | Gully                        |
|   |                                   | ↖080  | Foliation with orientation   |
|   |                                   | ↖42   | Jointing with orientation    |
|   |                                   | ↖110  |                              |
|   |                                   | ↖88   |                              |

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FIGURE 5  
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**PROPERTY GEOLOGY**  
PIGSKIN PROPERTY



the vicinity of the historic hand trenches is shown on the soil geochemistry maps for Anomaly A (Figure 6).

Most of the property is underlain by interbanded grit and schist units with lesser augen gneiss, all of which are believed to be part of Cassiar Platform. Andesite and quartz-feldspar porphyry dykes are rare and were probably intruded during Cretaceous times. The five main rock types are described below.

**Quartz Grits** are well foliated, grey to tan weathering and exhibit blocky fracturing. Compositions are variable, with the following ranges for individual minerals.

Quartz matrix	50-90%
Muscovite	5-30%
Quartz eyes	0-10%
Feldspar	tr-30%
Biotite	tr-20%

Feldspar bearing specimens exhibit porphyritic textures while the more common micaceous grits are planar.

**Muscovite±Biotite±Chlorite Schists** are well foliated, grey to tan to green weathering and highly fissile. Mica booklets are well developed (up to 8 mm across) and in some specimens elliptical quartz-feldspar augens are present. Crenulations are common within the schists.

**Quartz±Feldspar Augen Gneiss** is well foliated, weathers grey and forms large blocky slabs. The matrix consists of quartz and lesser muscovite. Augens comprise quartz and lesser feldspar and range from 1 to 8 mm long and show variable flattening.

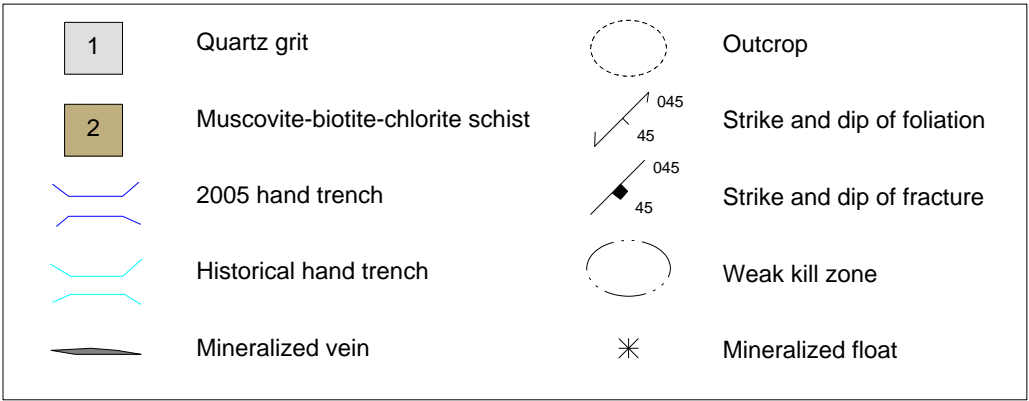
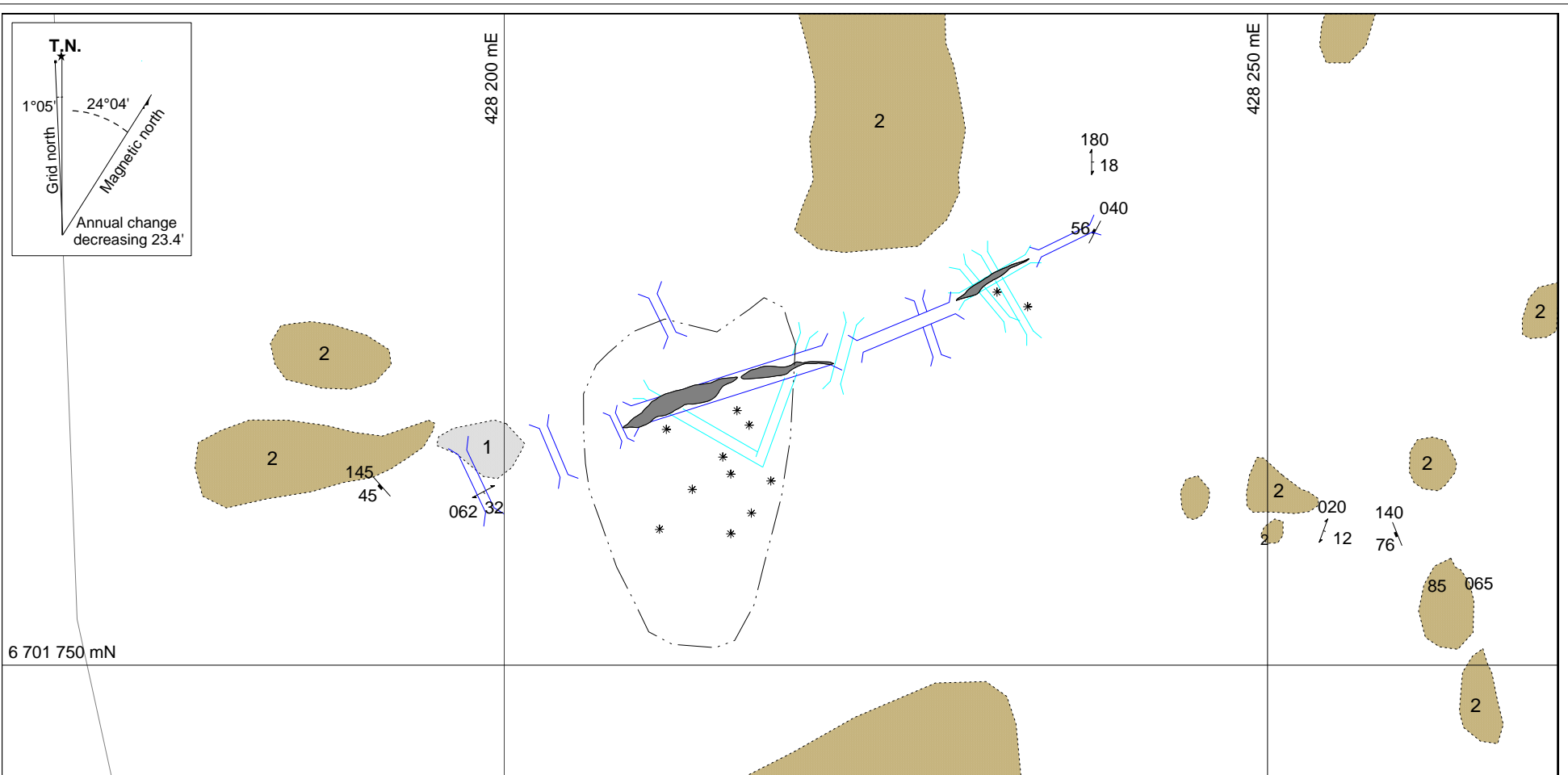
**Andesite** is massive and pale to dark green. It forms dykes and sills (0.1 to 2 m thick) within grit and schist units. Amygdules are common and contain quartz and carbonate.

**Quartz±Feldspar Porphyry** is massive, weathers grey and occurs as dykes (0.3 to 2 m thick) within grit and schist units. The mineral assemblage consists of coarse-grained quartz and feldspar with occasional muscovite and biotite booklets (up to 5 mm across).

Structural interpretation is limited due to poor outcrop exposure; however, orthogonal joint sets are recognized in parts of the property. The general trends are northwest and southwest, coincident with dyke and vein orientations.

### **PROPERTY MINERALIZATION**

Prospecting has identified two types of mineralization on the property. Mineralization consists of either silver-rich, galena- and sphalerite-bearing veins or silver-lead-zinc replacement of jasperoid-altered carbonate-rich horizons. The first type of mineralization, which received most of the follow-up work, is found at Showing A, while the second type occurs at Showing B. Mineralization at Showing C has not been characterized because rock samples collected to date



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FIGURE 6  
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**SHOWING A  
DETAILED GEOLOGY  
PIGSKIN PROPERTY**

0 25 m  
UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/detailed\_geo.WOR      DATE: October 2009

do not adequately explain the accompanying soil geochemical anomaly.

Silver, lead and zinc results for historical rock samples are shown on Figures 7 to 9. Only one rock sample was collected in 2009. Its location is illustrated on the Showing B soil location map in the Property Soil Geochemistry section, along with its results for silver, lead and zinc. Sampling and analytical procedures for all rock and chip samples are described in Appendix II. A rock description and the Certificate of Analysis for the 2009 sample are provided in Appendices III and IV.

**Showing A** was discovered in 1996 and initially comprised mineralized vein float within a 12 by 12 m kill zone. Two float samples were collected in 1996. The first sample was massive galena that returned 3543 g/t silver and 81.1% lead. The other sample was cerussite-coated galena, which yielded 1974 g/t silver, 30.8% lead, 0.39% zinc and 0.3% copper.

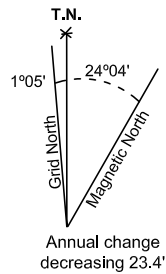
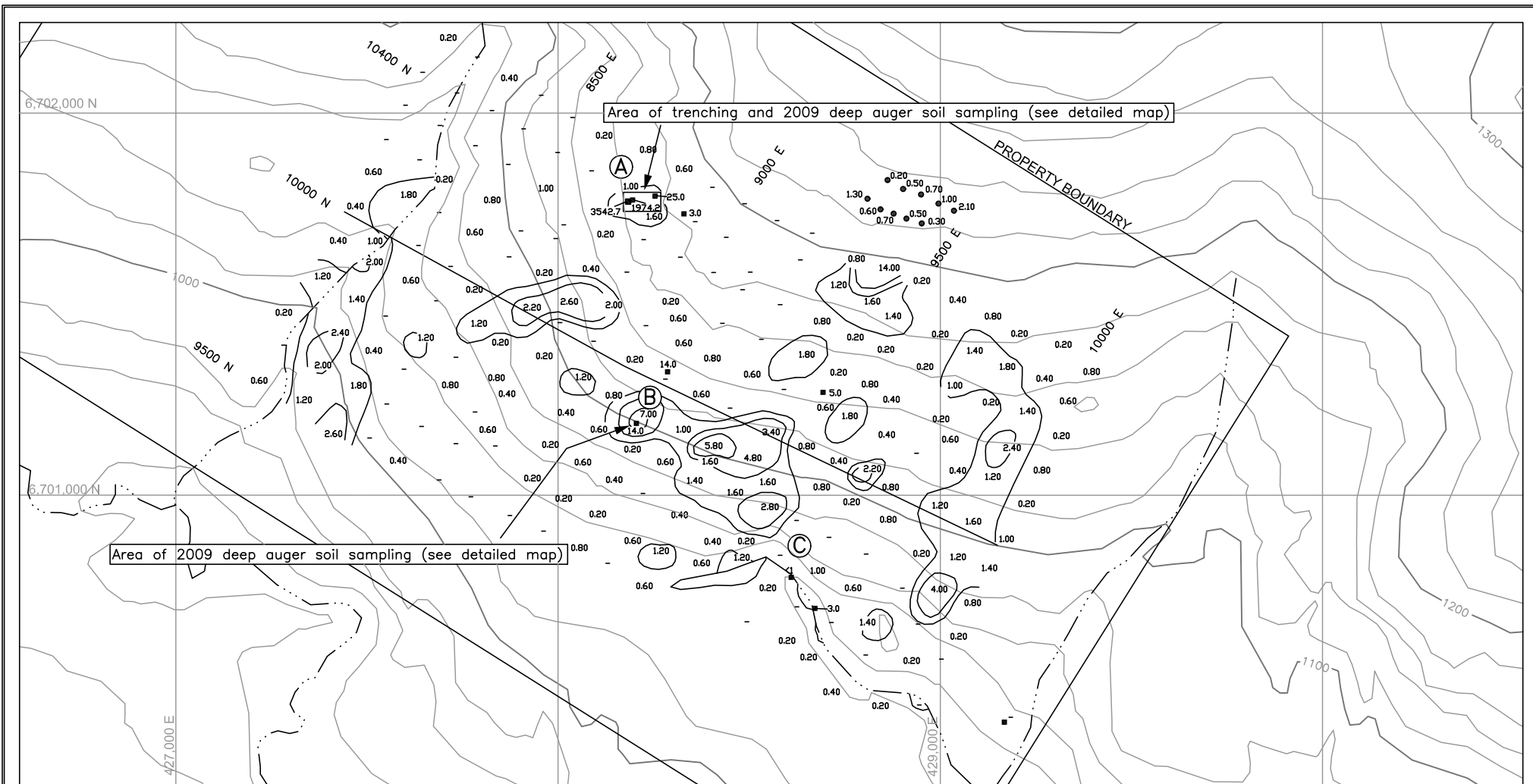
During the 1998 and 2005 exploration programs, Showing A was mapped and prospected at a detailed scale and a total of 14 hand trenches were dug. These trenches uncovered an east-northeast trending vein containing three main mineralized lenses. Chip samples were taken across the width of the lenses at 1 m intervals along their lengths. The locations of the trenches are illustrated on Figure 10 and the mineralized lenses, along with their average weighted grades are shown on Figures 11 to 13.

TR05-1 contains two lenses that together total nearly 15 m in length. Chip samples across the 8.15 m long western lens yielded a weighted average grade of 1189 g/t silver over an average width of 76 cm. Chip samples along the 6.1 m long eastern lens returned a weighted average grade of 2386 g/t silver over an average width of 50 cm. Both lenses are light brown and consist of varying amounts of limonite, carbonate, cerussite and poddy galena. The eastern lens has a higher concentration of galena.

In 2005, TR98-04 was re-excavated and systematically chip sampled. The mineralized lens within this trench is 5.5 m long and yielded a weighted average grade of 3343 g/t silver over an average width of 37 cm. This lens is divided into nearly massive galena and limonite-carbonate-galena sections.

The remainder of the trenches were dug along strike from or alongside the mineralized trenches. They were generally barren, but cross faults and/or vein-parallel fractures were observed in some of the trenches.

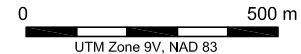
**Showing B** was discovered in 1998 when prospecting identified a weak vegetation kill zone. A sample of strongly weathered, jasperoid-altered, calcareous schist taken at the downhill edge of the kill zone returned 14 g/t silver, 3020 ppm lead and 210 ppm zinc. A sample of strongly weathered jasperoid float with good boxwork limonite texture taken at the top of the kill zone yielded 14 g/t silver, 956 ppm lead and 2110 ppm zinc. In 2009, a 100 by 125 m area in the vicinity of Showing B was prospected during grid soil sampling. Very little rock was encountered; however, one block of light brown to weakly rusty weathering, massive white quartz vein with rare limonitic pits was collected. It returned 33.6 g/t silver, 3140 ppm lead and 3010 ppm zinc.

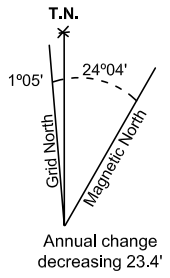
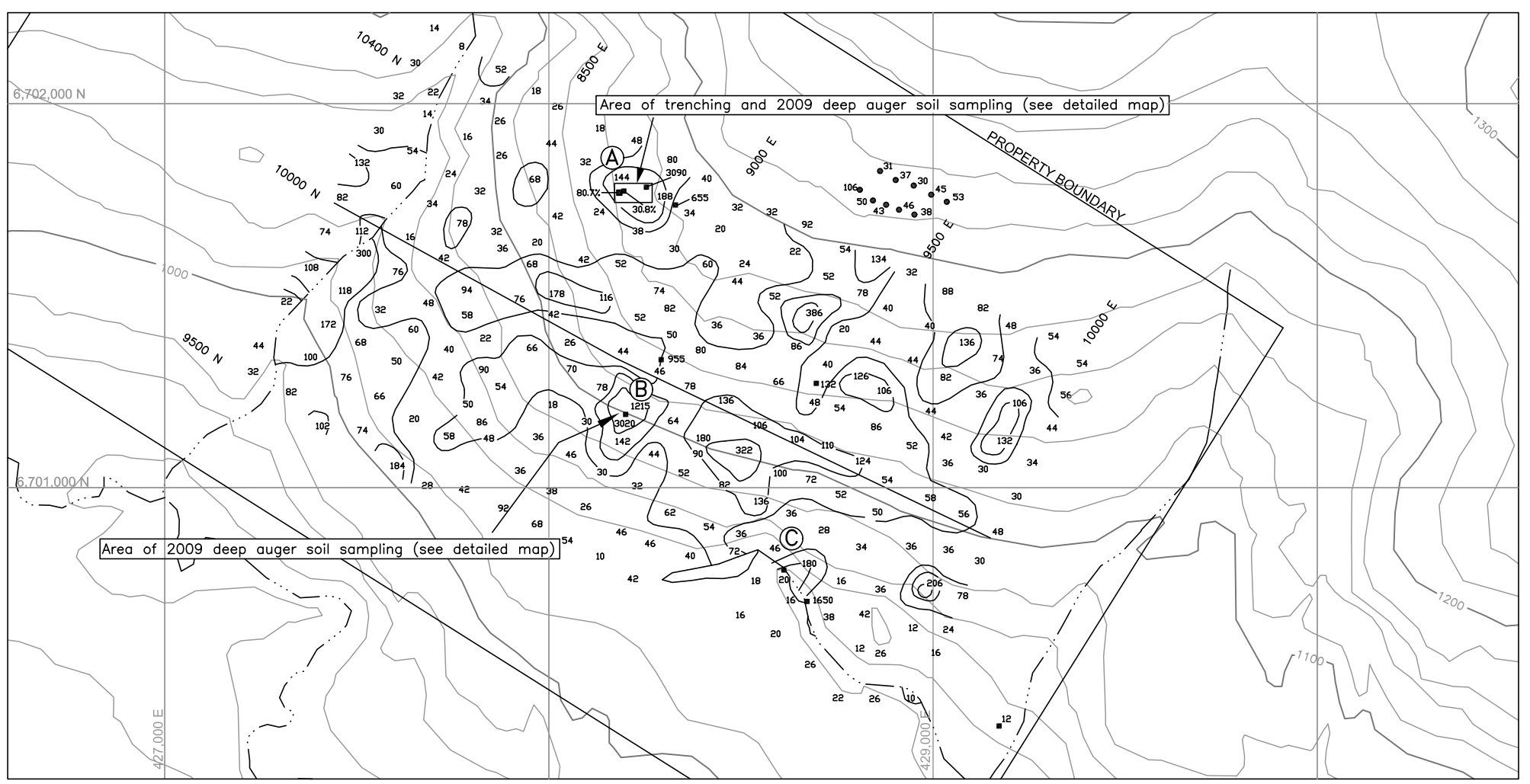


- Historical rock sample location (Ag g/t)
- 2005 soil sample location (Ag ppm)
- 1996 soil sample location (Ag ppm)
- Ⓒ showing referred to in text

**STRATEGIC METALS LTD.**

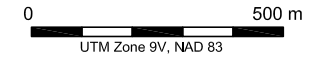
FIGURE 7  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SILVER GEOCHEMISTRY**  
 PIGSKIN PROPERTY



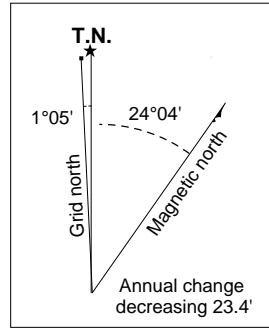


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FIGURE 8  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**LEAD GEOCHEMISTRY**  
 PIGSKIN PROPERTY







6 701 800 mN

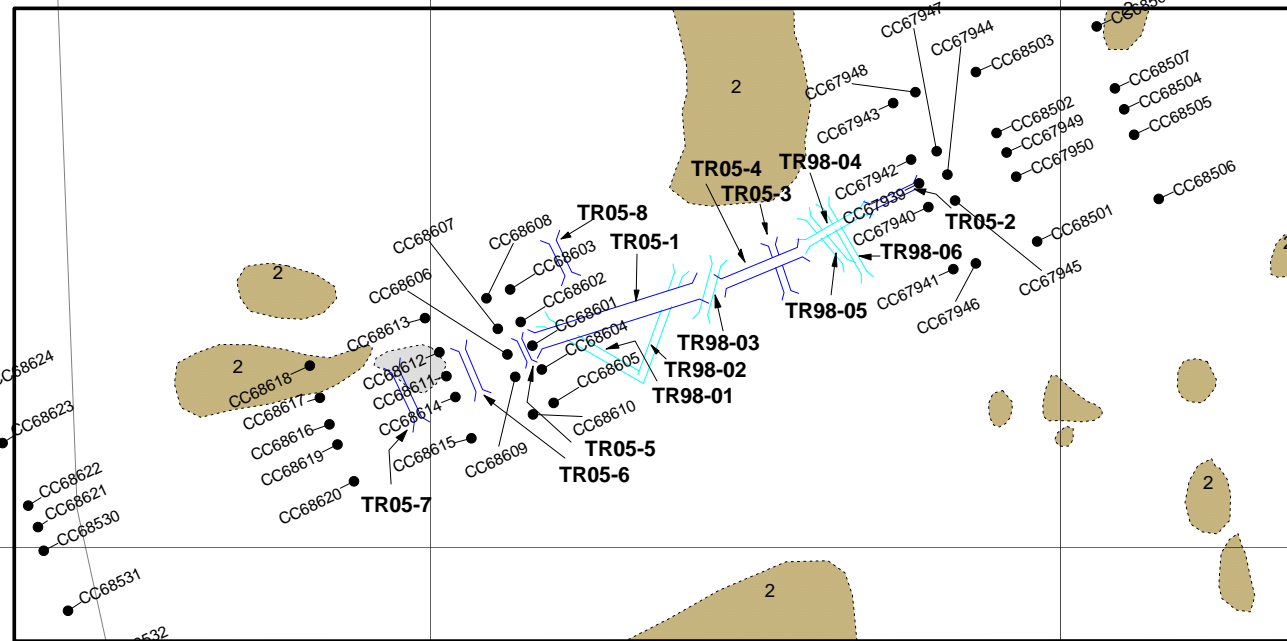
428 150 mE

428 200 mE

428 250 mE

428 300 mE

Extent of detailed mapping



6 701 750 mN

1180 m

1160 m

	1	Quartz grit
	2	Muscovite-biotite-chlorite schist
		2005 hand trench
		Historical hand trench
		Outcrop

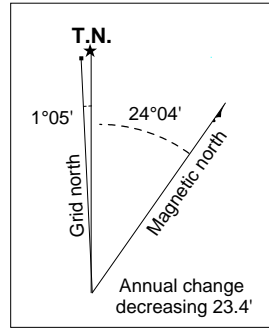
**STRATEGIC METALS LTD.**

FIGURE 10  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SHOWING A  
SOIL SAMPLE LOCATIONS  
PIGSKIN PROPERTY**

0 25 m  
UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/Soil\_loc.WOR DATE: October 2009



6 701 800 mN

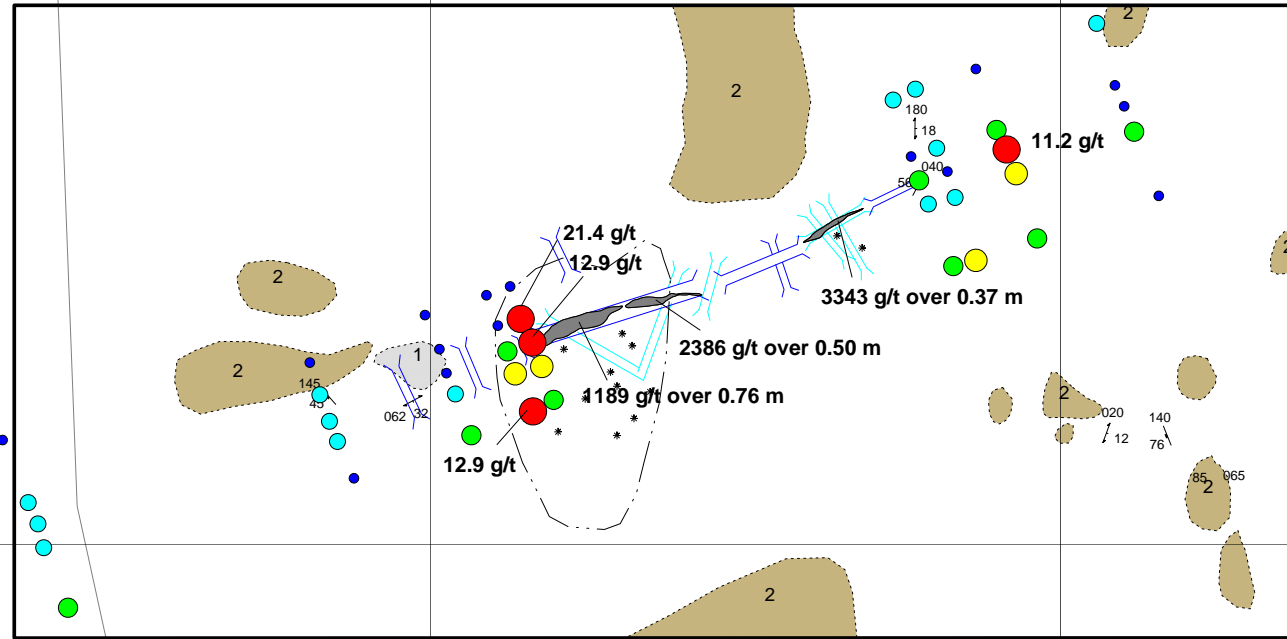
428 150 mE

428 200 mE

428 250 mE

428 300 mE

Extent of detailed mapping



6 701 750 mN

1160 m

1160 m

Ag (ppm)

- $\geq 10 < 21.4$
- $\geq 5 < 10$
- $\geq 2 < 5$
- $\geq 1 < 2$
- $0 < 1$

1

Quartz grit

2

Muscovite-biotite-chlorite schist



2005 hand trench



Historical hand trench

Weighted average grade  
(g/t) over average  
width (m)



Mineralized vein



Outcrop



Strike and dip of foliation



Strike and dip of fracture



Weak kill zone



Mineralized float

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FIGURE 11  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

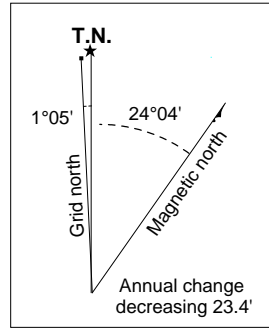
**SHOWING A SILVER  
GEOCHEMISTRY  
PIGSKIN PROPERTY**

0 25 m

UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/Ag\_soils.WOR

DATE: October 2009



6 701 800 mN

428 150 mE

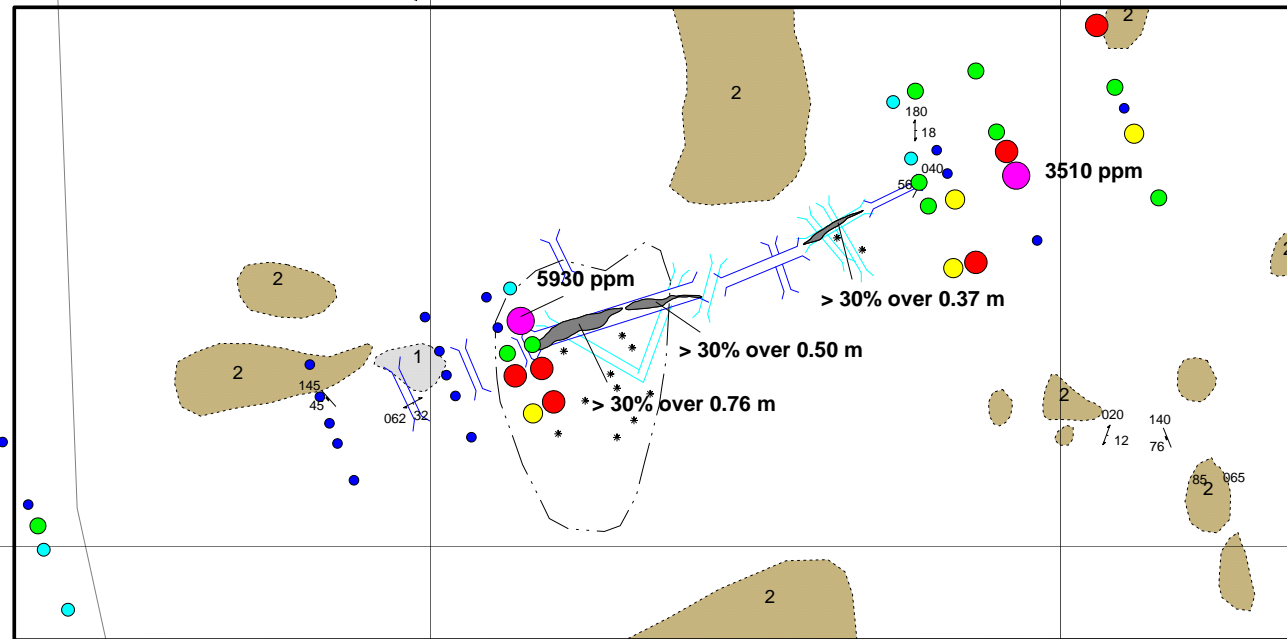
428 200 mE

428 250 mE

428 300 mE

6 701 750 mN

Extent of detailed mapping



1160 m

1160 m

Pb (ppm)

- ≥2,000 < 5,930
- ≥1,000 < 2,000
- ≥500 < 1,000
- ≥200 < 500
- ≥100 < 200
- 0 < 100

1

Quartz grit

2

Muscovite-biotite-chlorite schist

2005 hand trench

Historical hand trench

Weighted average grade  
(%) over average  
width (m)

Mineralized vein



Outcrop



Strike and dip of foliation



Strike and dip of fracture



Weak kill zone

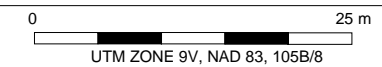


Mineralized float

**STRATEGIC METALS LTD.**

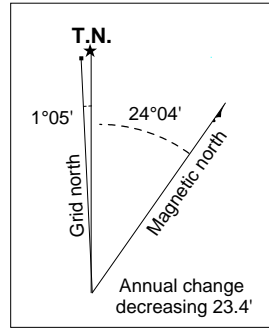
FIGURE 12  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SHOWING A LEAD  
GEOCHEMISTRY  
PIGSKIN PROPERTY**



FILE: ...2009/Pigskin/Figures/Pbsoils.WOR

DATE: October 2009



6 701 800 mN

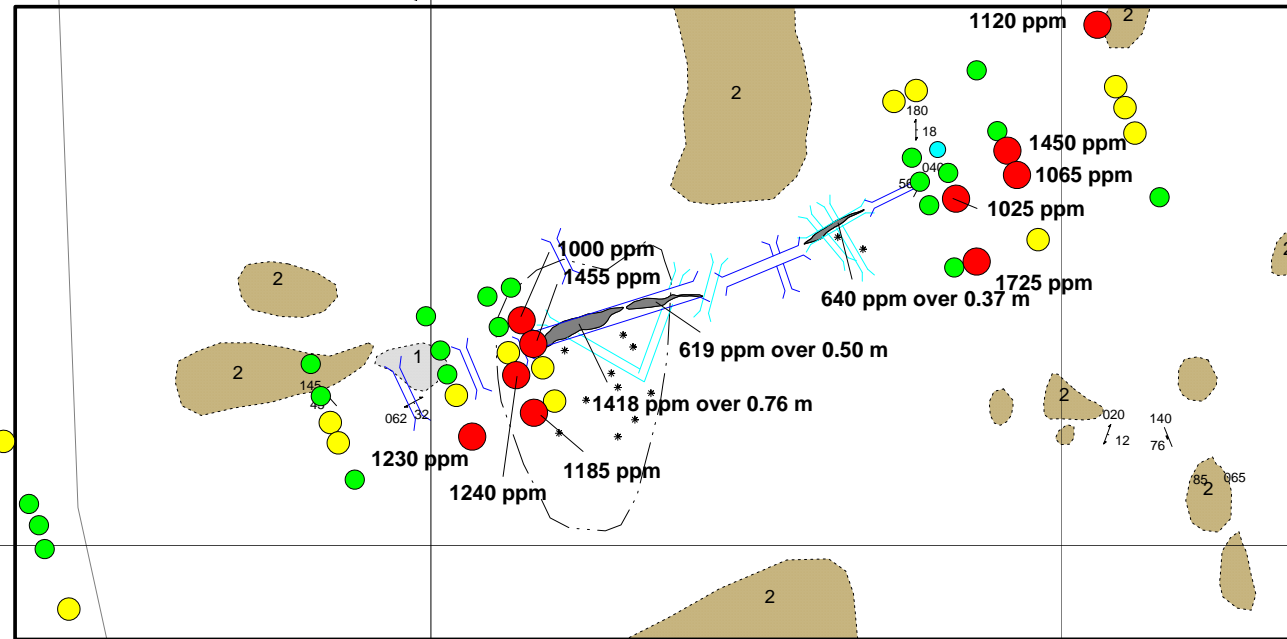
428 150 mE

428 200 mE

428 250 mE

428 300 mE

Extent of detailed mapping



6 701 750 mN

1160 m

1180 m

Zn (ppm)

- ≥1,000 < 1,730
- ≥500 < 1,000
- ≥200 < 500
- ≥100 < 200
- 0 < 100

1

Quartz grit

2

Muscovite-biotite-chlorite schist



2005 hand trench



Historical hand trench

Weighted average grade  
(ppm) over average  
width (m)



Mineralized vein



Outcrop



Strike and dip of foliation



Strike and dip of fracture



Weak kill zone



Mineralized float

**STRATEGIC METALS LTD.**

FIGURE 13  
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SHOWING A ZINC  
GEOCHEMISTRY**  
PIGSKIN PROPERTY

0 25 m

UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/Zn\_soils.WOR

DATE: October 2009

**Showing C** was found in 1980 and attributed to mineralization in a fault zone (Verley, 1980). It is located on the banks of a small creek draining a lake near the centre of the property and features strongly manganese-stained float in a weak vegetation kill zone. A rock sample taken on the south side of the creek from a small float train of strongly weathered, limonite-manganese-coated grit yielded low metal values.

### **PROPERTY SOIL GEOCHEMISTRY**

During the 1996 program approximately 220 grid soil samples were taken at 100 by 100 m intervals (Wengzynowski, 1996). In 2005, an additional nine samples were collected along the northeast side of this grid. In 2009, 82 closely spaced, deep auger soil samples were collected along strike in both directions from the Showing A vein and 30 samples were taken at 25 m spacings on a 125 by 100 m grid at Showing B. The silver, lead and zinc results for historical soil samples are plotted on Figures 7 to 9, while 2009 sample locations and results are illustrated on Figures 10 to 17. Sampling and analytical procedures for all samples are provided in Appendix II while Certificates of Analysis for 2009 samples are given in Appendix IV. Anomalous thresholds and peak values for all samples are as follows.

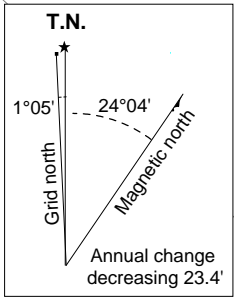
**Table II: Anomalous Thresholds (ppm) and Peak Values (ppm) for Soil Samples**

Element	Weak	Moderate	Strong	Peak
Silver	1	2	5	21.4
Lead	50	200	500	5930
Zinc	200	500	1000	2470

Geochemical response shows strongly coincident silver-lead-zinc anomalies in various parts of the 1996 grid. The largest anomaly (Anomaly A), located near the centre of the grid, is approximately 700 by 300 m as defined by moderately anomalous threshold values. Smaller coincident silver-lead anomalies occur elsewhere on grid. The most notable of the soil anomalies were assigned letter names, which correspond to the mineralized showings discussed in the previous section.

**Anomaly A** is typified by moderate to strong lead and zinc values over a 150 by 200 m area of the 1996 soil grid. Silver-in-soil values are subdued (up to 1.6 ppm). Showing A is roughly centred within the anomaly. In 2009, 82 deep auger soil samples were collected along strike of the mineralized vein. Spacings between samples are small immediately adjacent to the mineralized trenches (TR98-04 and TR05-1), but are wider further away. A cluster of strong silver, lead and zinc values is formed at the downhill (west) end of TR05-01. A second, larger cluster of strong coincident values found uphill of the trenches forms a band that trends north-northwest. All the strongly anomalous samples are within 24 m of the exposed lenses.

**Anomaly B** is characterized by an irregularly shaped, northwest trending 700 by 300 m area of moderate to strong soil geochemical response that lies on a gentle south facing slope near the centre of the 1996 soil grid. Anomaly B is situated about 500 m south of Anomaly A. The strongest part of Anomaly B coincides with Showing B and extends a short ways uphill. In

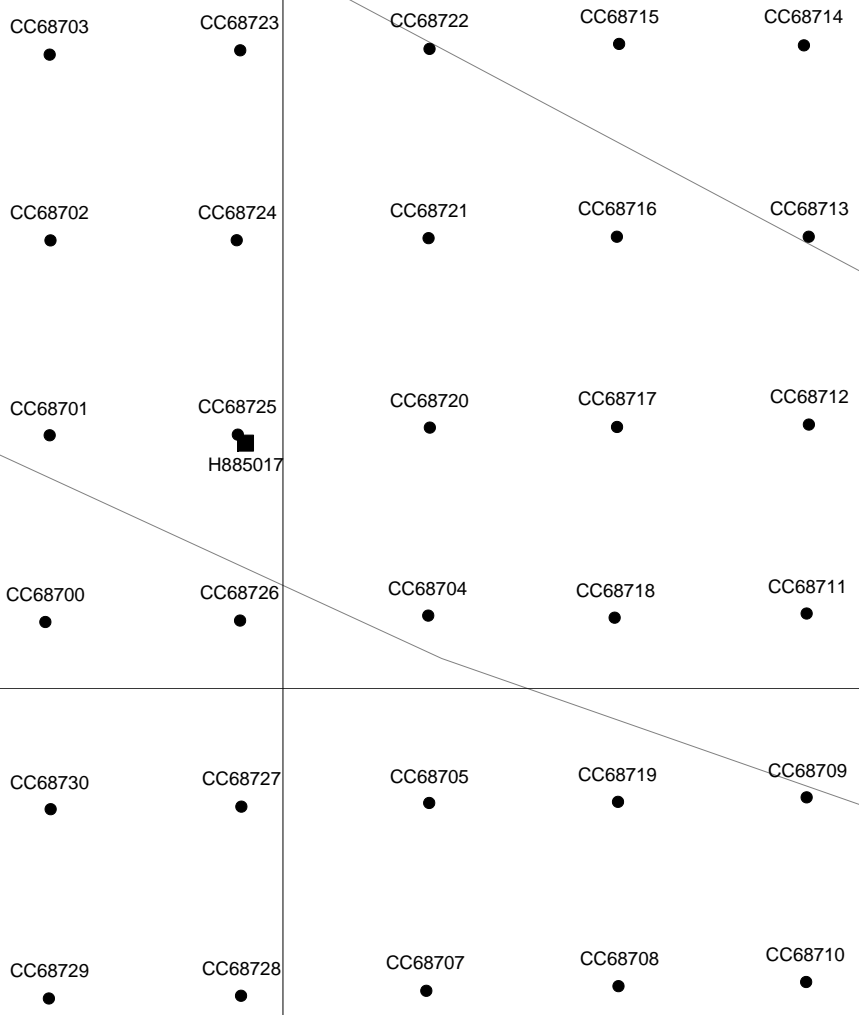


428 200 mE

428 300 mE

6 701 300 mN

6 701 200 mN



- 2009 rock sample
- 2009 soil sample

**STRATEGIC METALS LTD.**

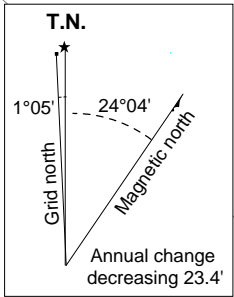
FIGURE 14  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SHOWING B  
 SAMPLE LOCATIONS  
 PIGSKIN PROPERTY**

0 50 m

UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/SoilB\_location.WOR | DATE: October 2009



428 200 mE

428 300 mE

6 701 300 mN

6 701 200 mN

1120 m

1100 m

5.7 ppm

6.2 ppm

33.6 g/t

Ag (ppm)

- $\geq 5 < 6.2$
- $\geq 2 < 5$
- $\geq 1 < 2$
- $\geq 0.5 < 1$
- $0 < 0.5$
- 2009 rock sample
- 2009 soil sample

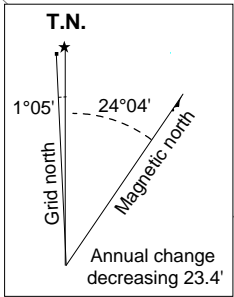
**STRATEGIC METALS LTD.**

FIGURE 15  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SHOWING B  
 SILVER GEOCHEMISTRY  
 PIGSKIN PROPERTY**

0 50 m  
 UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/ShowingB\_Ag.WOR DATE: October 2009



428 200 mE

428 300 mE

6 701 300 mN

6 701 200 mN

1120 m

1100 m

659 ppm

3140 ppm

1145 ppm

1855 ppm

**Pb (ppm)**

- ≥500 < 1,860
- ≥200 < 500
- ≥100 < 200
- ≥50 < 100
- 0 < 50
- 2009 rock sample
- 2009 soil sample

**STRATEGIC METALS LTD.**

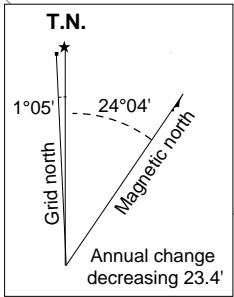
FIGURE 16  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

**SHOWING B**  
**LEAD GEOCHEMISTRY**  
**PIGSKIN PROPERTY**

0 50 m

UTM ZONE 9V, NAD 83, 105B/8

FILE: ...2009/Pigskin/Figures/ShowingB\_Pb.WOR DATE: October 2009



428 200 mE

428 300 mE

6 701 300 mN

6 701 200 mN

1020 ppm

3010 ppm

2470 ppm

1120 m

1100 m

Zn (ppm)

- $\geq 1,000 < 2,470$
- $\geq 500 < 1,000$
- $\geq 200 < 500$
- $\geq 100 < 200$
- $0 < 100$
- 2009 rock sample
- 2009 soil sample

**STRATEGIC METALS LTD.**

FIGURE 17  
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
**SHOWING B**  
**ZINC GEOCHEMISTRY**  
**PIGSKIN PROPERTY**



UTM ZONE 9V, NAD 83, 105B/8

2009, 30 deep auger soil samples were collected on a grid centred over the strongest 1996 soil sample, which returned 7.0 ppm silver, 1215 ppm lead and 2380 ppm zinc. An approximately coincident cluster of strongly anomalous silver-lead-zinc values was defined in the west-central portion of the 2009 grid. The best of these samples yielded values of 6.2 ppm silver, 1855 ppm lead and 2470 ppm zinc. In addition to this cluster there are several moderate values for all three elements, which dominantly occur within the southwest half of the grid.

**Anomaly C** comprises one soil sample that returned weakly anomalous silver and lead values with moderately anomalous zinc. The anomaly lies 200 m to the southeast of Anomaly B on the north side of a creek. It was not explored in 2009.

### **DISCUSSION AND CONCLUSIONS**

The Pigskin property is favourably located in the Rancheria District of Cassiar Platform, which hosts a number of prospective silver-lead occurrences. Geochemical sampling at Pigskin has outlined a series of northwest trending silver-lead-zinc anomalies that are largely unexplained. Hand trenching near Showing A has intermittently exposed a lensey galena-and cerussite-rich vein over a 28 m strike length. Grades from these lenses are encouraging. The 2009 deep auger soil sampling survey at Showing A revealed strongly anomalous silver, lead and zinc values over a total length of 54 m. Most of the anomalous samples lie uphill of the mineralized trenches and thus are not likely to have been derived from the known lenses. Deep soil sampling at Showing B also returned favourable results.

Deep auger soil sampling appears to be a successful tool for discovering and tracing buried mineralization. As such, future work at Showing A should consist of additional lines of closely spaced deep auger soil samples between the 2009 lines and further along strike to the east-northeast. Hand trenches should also be excavated to test the newly identified soil anomalies at Showing A. The grid of deep auger soil samples at Showing B should be extended to the west to better constrain that anomaly. Prior to the future field work, airphotos should be examined to locate possible faults and vein structures. Their location should then be compared to the soil geochemical anomalies to better define probable source areas and fault offsets.

Respectfully submitted,

Archer, Cathro & Associates (1981) Limited

S. Eaton, B.Sc. Geology, GIT

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

### **STATEMENT OF QUALIFICATIONS**

I, Sarah Eaton, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in North Vancouver, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 2007 with a B.Sc. in Honours Geological Sciences.
2. From 2002 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia and Northwest Territories.
3. I am a Geoscientist in Training (GIT) with the Association of Professional Engineers and Geoscientists of British Columbia (Member Number 154922).
4. I have personally participated in the field work reported herein and have interpreted all data resulting from this work.

Sarah Eaton, B.Sc. (Hon.) Geology, GIT

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

### **2009 Soil and Rock Samples**

Eighty-two soil geochemical samples were collected at closely spaced intervals along strike in both directions from the trenches at Showing A. The spacings were more widespread away from the trenches. Thirty soil samples were collected at Showing B on a 25 by 25 m grid. All soil sample sites were located by means of hip-chain surveys and were marked with inscribed aluminium tags attached to 0.5 m of orange-flagged lath. Soil samples were collected using soil augers and mattocks and were placed into individually pre-numbered Kraft paper bags.

Soil samples were sent to ALS Chemex in North Vancouver where they were dried, sieved to 180 micron (-80 mesh), dissolved in aqua regia and then analysed for 34 elements using the Induced Coupled Plasma (ICP) technique (ME-ICP41).

One rock geochemical sample was collected from Showing B. Its location was determined using a handheld GPS unit and was marked with orange flagging tape labelled with the sample number.

The rock sample was sent to Chemex where it was dried, fine crushed to better than 70% passing -2 mm and then a 250 g split was pulverized to better than 85% passing 75 micron. The fine fraction was analyzed for 34 other elements using the same procedure as was used for the soil samples.

### **2005 Soil and Chip Samples**

Nine soil samples were collected along the northeast side of the 1996 soil grid. The samples were sent to Chemex where they were dried, sieved to 180 micron (-80 mesh), dissolved in aqua regia and then analysed for 34 elements using the ICP technique (ME-ICP41).

Twenty-one chip samples were taken and sent to Chemex where they were crushed and pulverized to better than 90% passing 100 micron (-150 mesh) using a chrome-steel ring mill. The samples were routinely analysed for 34 elements using the ICP technique and the better mineralized samples were then assayed for silver and lead.

### **1998 Rock and Chip Samples**

Four rock samples and twelve chip samples were collected and sent to Chemex where they were crushed and pulverized to better than 90% passing 100 micron (-150 mesh) using a chrome-steel ring mill. Weakly mineralized samples were analysed for 32 elements using the ICP technique while better mineralized samples were assayed for silver, lead and zinc.

### **1996 Soil Samples**

Grid soil sampling was conducted using a compass-controlled baseline oriented at 300° parallel to the claim lines. The line was cut and cleared to line-of-site where possible. One metre lath bearing aluminium tags inscribed with grid coordinates was placed at 100 m slope corrected intervals. Soil sample lines were run perpendicular to the baseline with each sample site marked

by aluminium tags attached to 0.5 m lath. Approximately 220 soil samples were collected.

Soil samples were sent to Chemex where they were screened to -80 mesh, digested in nitric-aqua regia and geochemically analysed for 32 elements using the ICP technique.

**APPENDIX III**  
**ROCK SAMPLE DESCRIPTIONS**



**APPENDIX IV**  
**CERTIFICATES OF ANALYSIS**



# ALS Chemex

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ALS Canada Ltd.

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

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VANCOUVER BC V6B 1L8

Page: 1  
Finalized Date: 16-SEP-2009  
Account: MTT

## CERTIFICATE VA09094857

Project: Pigskin

P.O. No.:

This report is for 112 Soil samples submitted to our lab in Vancouver, BC, Canada on 28-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER  
VANCOUVER OFFICE

DOUG EATON  
BILL WENGZYNOWSKI

JOAN MARIACHER

## 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
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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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



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Page: 2 - A  
Total # Pages: 4 (A - C)  
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Account: MTT

Project: Pigskin

## CERTIFICATE OF ANALYSIS VA09094857

Sample Description	Method Analyte Units LOR	WEI-21	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	
		Recvd Wt. kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	
		0.02	0.2	0.01	2	10	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC68501		0.22	3.2	0.42	88	<10	40	<0.5	2	0.06	1.6	3	5	9	1.45	<10	
CC68502		0.16	2.7	0.99	21	<10	70	1.0	<2	0.59	3.3	16	8	19	1.73	<10	
CC68503		0.26	0.5	0.80	87	<10	60	<0.5	<2	0.05	2.8	4	7	10	2.58	<10	
CC68504		0.30	0.8	0.71	154	<10	20	0.5	<2	0.03	<0.5	5	6	8	2.92	<10	
CC68505		0.20	2.1	0.75	105	<10	50	<0.5	<2	0.02	0.8	2	6	17	2.52	<10	
CC68506		0.28	0.9	0.41	68	<10	30	<0.5	<2	0.03	0.7	2	5	10	1.70	<10	
CC68507		0.24	0.9	0.70	215	<10	40	<0.5	<2	0.04	1.3	4	8	14	3.54	<10	
CC68508		0.24	1.7	0.37	222	<10	50	<0.5	<2	0.02	1.5	5	4	47	4.74	<10	
CC68509		0.34	1.4	0.50	145	<10	20	0.6	<2	0.02	1.4	4	5	20	3.36	<10	
CC68510		0.18	1.2	0.72	155	<10	40	0.8	<2	0.06	1.0	12	9	15	3.06	<10	
CC68511		0.18	0.6	0.52	72	<10	60	0.5	<2	0.07	1.5	5	5	13	2.19	<10	
CC68512		0.22	0.3	1.07	83	<10	40	<0.5	<2	0.03	<0.5	5	12	4	2.63	10	
CC68513		0.18	0.9	0.46	82	<10	40	0.6	<2	0.07	1.1	8	6	17	3.50	<10	
CC68514		0.24	0.6	0.64	54	<10	50	0.7	<2	0.02	0.7	12	7	8	3.86	<10	
CC68515		0.26	0.7	1.19	28	<10	40	0.6	<2	0.04	<0.5	7	15	8	2.80	10	
CC68516		0.28	0.5	1.07	35	<10	40	<0.5	<2	0.02	<0.5	4	10	9	2.69	10	
CC68517		0.28	0.6	0.95	8	<10	40	<0.5	<2	0.03	<0.5	3	11	2	1.81	10	
CC68518		0.20	1.0	1.38	31	<10	40	0.6	<2	0.05	<0.5	7	22	12	3.44	10	
CC68519		0.24	0.3	1.15	26	<10	60	<0.5	2	0.04	1.0	7	14	11	2.68	10	
CC68520		0.22	0.7	0.69	12	<10	20	<0.5	<2	0.03	<0.5	4	10	5	1.82	<10	
CC68521		0.30	0.5	1.00	24	<10	50	0.6	<2	0.03	<0.5	5	11	9	2.22	10	
CC68522		0.22	0.3	0.42	16	<10	20	<0.5	<2	0.03	<0.5	3	6	5	1.35	<10	
CC68523		0.32	1.3	1.53	21	<10	50	0.6	<2	0.08	<0.5	5	21	8	2.43	10	
CC68524		0.22	1.5	1.42	16	<10	50	0.8	<2	0.16	<0.5	5	18	9	2.14	10	
CC68525		0.22	0.5	0.90	14	<10	30	<0.5	<2	0.04	<0.5	4	12	5	1.33	10	
CC68526		0.30	0.8	1.22	27	<10	30	<0.5	<2	0.05	<0.5	5	20	8	3.09	<10	
CC68527		0.26	1.8	1.82	23	<10	60	1.3	<2	0.29	<0.5	9	24	15	3.09	10	
CC68528		0.24	2.4	1.87	34	<10	80	1.8	<2	0.37	1.0	17	21	27	4.57	10	
CC68529		0.36	2.0	1.98	27	<10	60	1.6	<2	0.38	<0.5	9	28	26	3.61	10	
CC68530		0.24	1.9	1.43	55	<10	30	0.6	<2	0.03	0.5	6	16	10	3.45	10	
CC68531		0.24	2.4	1.62	24	<10	60	1.1	<2	0.04	1.1	7	19	9	2.63	10	
CC68532		0.24	1.0	1.20	20	<10	40	0.5	<2	0.04	0.6	4	13	4	2.45	10	
CC68533		0.34	0.5	1.55	32	<10	50	0.8	<2	0.06	<0.5	6	19	8	2.38	10	
CC68534		0.32	0.8	1.68	93	<10	50	0.7	<2	0.05	<0.5	5	20	8	2.70	10	
CC68535		0.28	0.3	1.36	25	<10	40	0.5	<2	0.05	<0.5	5	17	5	2.14	<10	
CC68536		0.34	1.1	1.50	26	<10	60	0.8	<2	0.10	0.7	4	19	7	2.27	<10	
CC68537		0.40	<0.2	1.92	39	<10	60	1.0	2	0.05	0.5	7	22	12	2.82	10	
CC68538		0.34	<0.2	2.08	38	<10	60	1.0	<2	0.06	<0.5	7	24	12	3.11	10	
CC68539		0.18	0.8	1.00	72	<10	40	0.6	2	0.09	0.7	5	9	23	3.02	<10	
CC68540		0.36	0.4	0.45	7	<10	30	<0.5	<2	0.03	<0.5	1	6	2	0.72	<10	



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Page: 2 - B  
Total # Pages: 4 (A - C)  
Finalized Date: 16-SEP-2009  
Account: MTT

Project: Pigskin

## CERTIFICATE OF ANALYSIS VA09094857

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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units LOR	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
CC68501	1	0.03	20	0.01	381	<1	0.01	6	600	55	0.01	<2	1	8	<20	
CC68502	<1	0.04	10	0.06	5070	<1	0.03	12	390	425	0.03	<2	2	41	<20	
CC68503	<1	0.04	10	0.02	4090	<1	0.01	6	390	278	0.01	2	1	6	<20	
CC68504	1	0.05	20	0.02	173	<1	0.01	14	420	40	0.02	2	1	6	<20	
CC68505	1	0.05	10	0.01	2740	<1	0.01	4	510	928	0.01	3	1	5	<20	
CC68506	1	0.04	10	0.01	2860	<1	0.01	5	420	262	0.02	<2	<1	5	<20	
CC68507	1	0.05	20	0.02	1265	1	0.01	11	490	251	0.02	3	1	5	<20	
CC68508	1	0.08	20	0.01	5970	<1	0.01	12	610	1090	0.03	6	1	8	<20	
CC68509	<1	0.08	30	0.02	2770	<1	<0.01	11	470	292	0.01	3	1	6	<20	
CC68510	1	0.09	30	0.03	2820	<1	0.01	22	550	150	0.02	<2	2	6	<20	
CC68511	1	0.06	10	0.02	8310	<1	0.01	7	660	743	0.03	2	<1	11	<20	
CC68512	<1	0.05	20	0.07	601	<1	0.01	9	490	82	0.02	<2	1	5	<20	
CC68513	<1	0.11	20	0.02	3060	<1	0.01	18	620	181	0.02	4	1	7	<20	
CC68514	<1	0.08	30	0.04	1625	<1	0.01	27	530	63	0.01	<2	2	5	<20	
CC68515	1	0.07	20	0.17	577	<1	0.01	17	470	39	0.01	2	2	6	<20	
CC68516	1	0.03	20	0.08	911	<1	<0.01	8	360	97	0.01	<2	1	5	<20	
CC68517	1	0.04	20	0.06	333	<1	0.01	4	300	44	0.01	2	1	5	<20	
CC68518	1	0.11	20	0.30	765	<1	0.01	18	550	52	0.01	<2	2	6	<20	
CC68519	<1	0.06	20	0.09	686	<1	0.01	10	400	68	0.01	<2	1	6	<20	
CC68520	1	0.05	20	0.11	206	<1	0.01	8	250	58	0.01	<2	1	5	<20	
CC68521	<1	0.06	20	0.17	231	<1	0.01	12	240	48	0.01	<2	1	7	<20	
CC68522	1	0.05	20	0.04	260	<1	0.01	6	250	46	0.01	<2	1	5	<20	
CC68523	1	0.11	20	0.41	230	<1	0.01	16	250	68	0.01	<2	2	10	<20	
CC68524	1	0.08	20	0.31	273	<1	0.01	12	210	109	0.01	<2	2	14	<20	
CC68525	1	0.06	20	0.22	174	<1	0.01	10	170	49	0.01	<2	1	7	<20	
CC68526	1	0.09	20	0.31	204	<1	0.01	15	310	46	0.03	<2	2	8	<20	
CC68527	1	0.13	20	0.46	620	<1	0.01	21	400	95	0.02	<2	2	23	<20	
CC68528	1	0.13	30	0.47	2370	1	0.01	52	610	113	0.03	<2	3	25	<20	
CC68529	1	0.12	30	0.56	558	<1	0.01	30	530	111	0.02	<2	3	29	<20	
CC68530	<1	0.07	20	0.22	313	<1	0.01	14	640	138	0.01	<2	2	5	<20	
CC68531	1	0.08	20	0.30	651	<1	0.01	14	440	108	0.01	<2	2	7	<20	
CC68532	<1	0.04	20	0.13	227	<1	0.01	6	510	84	0.01	<2	1	6	<20	
CC68533	1	0.08	30	0.36	242	<1	0.01	15	250	59	0.01	<2	2	11	<20	
CC68534	1	0.09	30	0.39	240	<1	0.01	14	290	65	0.01	<2	2	8	<20	
CC68535	<1	0.07	20	0.34	226	<1	0.01	11	190	51	0.01	<2	2	9	<20	
CC68536	<1	0.08	20	0.40	239	<1	0.01	13	150	90	0.01	<2	2	11	<20	
CC68537	1	0.11	30	0.49	286	<1	0.01	17	280	98	0.01	<2	2	8	<20	
CC68538	1	0.12	30	0.54	279	<1	0.01	19	280	127	0.02	<2	3	8	<20	
CC68539	<1	0.08	40	0.14	141	<1	0.01	10	210	179	0.02	4	1	9	<20	
CC68540	<1	0.05	20	0.09	210	<1	<0.01	2	170	23	<0.01	<2	1	6	<20	



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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: Pigskin

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Account: MTT

## CERTIFICATE OF ANALYSIS VA09094857

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti	Ti	U	V	W	Zn
		%	ppm	ppm	ppm	ppm	ppm
		0.01	10	10	1	10	2
CC68501		<0.01	<10	<10	16	<10	514
CC68502		0.03	<10	<10	15	<10	415
CC68503		0.02	<10	<10	24	<10	490
CC68504		0.01	<10	<10	20	<10	613
CC68505		0.01	<10	<10	13	<10	511
CC68506		0.01	<10	<10	13	<10	334
CC68507		0.02	<10	<10	23	<10	880
CC68508		<0.01	<10	<10	10	<10	1120
CC68509		<0.01	<10	<10	10	<10	625
CC68510		0.01	<10	<10	17	<10	554
CC68511		0.01	<10	<10	13	<10	418
CC68512		0.01	<10	<10	29	<10	234
CC68513		<0.01	<10	<10	10	<10	567
CC68514		0.01	<10	<10	19	<10	634
CC68515		0.01	<10	<10	27	<10	354
CC68516		0.02	<10	<10	29	<10	197
CC68517		0.03	<10	<10	29	<10	82
CC68518		0.04	<10	<10	31	<10	310
CC68519		0.02	<10	<10	37	<10	232
CC68520		0.02	<10	<10	21	<10	134
CC68521		0.02	<10	<10	22	<10	154
CC68522		0.02	<10	<10	19	<10	89
CC68523		0.02	<10	<10	25	<10	235
CC68524		0.02	<10	<10	25	<10	163
CC68525		0.01	<10	<10	16	<10	95
CC68526		0.04	<10	<10	32	<10	166
CC68527		0.02	<10	<10	27	<10	301
CC68528		0.01	<10	<10	17	<10	406
CC68529		0.03	<10	<10	27	<10	364
CC68530		0.02	<10	<10	30	<10	348
CC68531		0.03	<10	<10	29	<10	538
CC68532		0.03	<10	<10	39	<10	276
CC68533		0.02	<10	<10	22	<10	216
CC68534		0.02	<10	<10	24	<10	223
CC68535		0.02	<10	<10	24	<10	217
CC68536		0.02	<10	<10	24	<10	454
CC68537		0.01	<10	<10	21	<10	292
CC68538		0.02	<10	<10	23	<10	300
CC68539		<0.01	<10	<10	10	<10	815
CC68540		0.02	<10	<10	11	<10	49



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Total # Pages: 4 (A - C)  
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## CERTIFICATE OF ANALYSIS VA09094857

Sample Description	Method Analyte Units LOR	WEI-21	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
		Recvd Wt. kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC68541		0.20	1.1	0.57	12	<10	20	<0.5	2	0.03	<0.5	2	9	3	1.08	<10
CC68542		0.26	0.6	0.63	8	<10	30	<0.5	<2	0.04	<0.5	2	7	2	1.08	<10
CC68543		0.28	0.8	0.81	10	<10	40	<0.5	<2	0.04	<0.5	1	10	3	0.80	10
CC68544		0.26	0.5	0.49	4	<10	20	<0.5	<2	0.04	<0.5	2	6	3	0.65	<10
CC68545		0.28	0.5	0.56	4	<10	30	<0.5	<2	0.03	<0.5	1	7	2	0.59	<10
CC68546		0.16	0.7	0.38	<2	<10	10	<0.5	3	0.03	<0.5	1	6	2	0.32	<10
CC67939		0.20	2.6	0.80	114	<10	70	<0.5	3	0.09	2.1	4	11	14	2.20	<10
CC67940		0.22	1.1	0.56	114	<10	20	<0.5	2	0.10	2.4	2	10	10	2.09	<10
CC67941		0.16	2.9	0.68	79	<10	50	0.5	3	0.38	6.8	2	5	17	1.42	<10
CC67942		0.24	<0.2	0.76	85	<10	20	<0.5	3	0.04	0.5	2	9	5	1.80	<10
CC67943		0.22	1.2	1.53	95	<10	40	1.0	3	0.03	0.9	5	22	16	2.80	<10
CC67944		0.20	0.5	0.69	80	<10	20	<0.5	<2	0.08	1.1	3	6	10	1.42	<10
CC67945		0.20	1.6	1.33	65	<10	70	1.2	3	0.54	5.7	8	12	17	2.65	<10
CC67946		0.22	7.4	1.76	131	<10	40	2.8	2	0.23	7.0	6	23	88	2.88	<10
CC67947		0.14	1.1	0.29	23	<10	30	<0.5	3	0.05	2.1	1	5	5	0.77	<10
CC67948		0.20	1.7	1.23	98	<10	30	0.7	2	0.04	0.7	5	17	13	2.90	<10
CC67949		0.18	11.2	1.53	103	<10	60	2.7	3	1.01	4.6	3	15	63	3.23	<10
CC67950		0.18	6.5	1.13	73	<10	30	1.4	2	0.73	3.9	5	9	29	2.13	<10
CC68601		0.20	12.9	1.94	219	<10	50	1.4	2	0.08	1.6	6	23	12	3.52	10
CC68602		0.22	21.4	1.78	249	<10	60	1.5	2	0.07	1.2	6	19	19	3.63	10
CC68603		0.28	0.2	0.99	21	<10	40	<0.5	2	0.04	0.5	3	12	5	1.86	<10
CC68604		0.24	7.1	0.95	138	<10	20	0.5	2	0.07	1.1	2	10	25	2.64	<10
CC68605		0.24	3.1	1.09	203	<10	30	<0.5	2	0.05	2.7	2	11	17	3.12	10
CC68606		0.24	3.1	1.98	71	<10	60	1.7	2	0.04	0.8	7	16	6	3.50	10
CC68607		0.22	0.6	1.41	15	<10	50	0.6	2	0.07	<0.5	3	8	4	1.77	<10
CC68608		0.32	0.3	0.95	7	<10	40	<0.5	2	0.03	<0.5	2	9	2	1.22	<10
CC68609		0.26	7.4	1.98	255	<10	40	1.3	<2	0.11	1.2	6	23	24	3.77	10
CC68610		0.26	12.9	1.87	93	<10	50	1.0	<2	0.11	1.8	5	28	15	3.08	<10
CC68611		0.26	0.4	1.29	18	<10	40	0.6	<2	0.03	<0.5	4	10	4	2.07	<10
CC68612		0.22	0.6	1.57	8	<10	50	<0.5	<2	0.03	<0.5	3	14	3	2.19	10
CC68613		0.28	0.4	0.72	49	<10	20	<0.5	2	0.02	<0.5	3	7	7	1.89	<10
CC68614		0.24	1.8	1.66	55	<10	50	1.3	3	0.04	0.6	5	12	9	2.45	10
CC68615		0.22	3.0	1.95	27	<10	60	1.2	<2	0.07	1.4	5	21	8	2.84	10
CC68616		0.26	1.6	1.40	15	<10	40	0.6	<2	0.05	1.3	5	18	8	2.43	<10
CC68617		0.22	1.2	0.95	12	<10	30	<0.5	2	0.05	0.7	3	12	6	1.63	10
CC68618		0.28	0.5	1.05	19	<10	20	<0.5	2	0.04	1.2	3	13	8	2.18	<10
CC68619		0.26	1.6	1.80	30	<10	40	0.9	2	0.06	2.4	5	24	10	3.45	10
CC68620		0.30	<0.2	1.00	61	<10	30	0.6	2	0.01	<0.5	1	6	4	2.03	<10
CC68621		0.24	1.4	1.67	58	<10	30	1.0	3	0.06	0.5	6	19	13	2.99	<10
CC68622		0.20	1.0	1.11	34	<10	20	<0.5	2	0.02	0.6	5	12	9	2.38	<10



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ALS Canada Ltd.

2103 Dollarton Hwy  
North Vancouver BC V7H 0A7

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Finalized Date: 16-SEP-2009  
Account: MTT

Project: Pigskin

## CERTIFICATE OF ANALYSIS VA09094857

Sample Description	Method Analyte Units LOR	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	ME-ICP41
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
CC68541		1	0.05	10	0.14	102	<1	<0.01	4	200	24	0.01	<2	1	6	<20
CC68542		1	0.05	20	0.12	315	<1	<0.01	3	200	24	0.01	<2	1	8	<20
CC68543		<1	0.04	20	0.13	76	<1	<0.01	2	130	48	<0.01	<2	1	8	<20
CC68544		<1	0.06	20	0.10	78	<1	<0.01	2	170	19	0.01	<2	1	6	<20
CC68545		1	0.05	20	0.08	72	<1	<0.01	1	210	32	0.01	<2	<1	7	<20
CC68546		<1	0.02	10	0.02	37	<1	0.01	<1	120	19	<0.01	<2	<1	5	<20
CC67939		<1	0.06	20	0.11	1820	<1	0.01	10	580	441	0.01	5	1	15	<20
CC67940		<1	0.04	20	0.06	468	1	<0.01	3	290	210	<0.01	3	1	11	<20
CC67941		<1	0.04	10	0.06	2750	<1	0.01	3	350	568	0.01	2	1	24	<20
CC67942		<1	0.05	10	0.10	187	<1	<0.01	5	490	101	<0.01	2	1	7	<20
CC67943		<1	0.06	20	0.27	1120	1	<0.01	10	560	176	<0.01	2	2	8	<20
CC67944		<1	0.02	20	0.02	83	<1	0.01	7	310	45	<0.01	<2	1	9	<20
CC67945		<1	0.05	10	0.11	6340	<1	0.02	15	570	532	0.02	<2	2	36	<20
CC67946		<1	0.09	30	0.30	2360	<1	0.01	22	800	1835	0.02	2	2	22	<20
CC67947		<1	0.02	<10	0.02	468	1	0.01	2	310	88	<0.01	<2	<1	7	<20
CC67948		<1	0.05	10	0.22	664	<1	<0.01	13	600	214	<0.01	<2	2	8	<20
CC67949		1	0.07	20	0.14	3330	<1	0.01	23	850	1375	0.05	<2	3	60	<20
CC67950		<1	0.05	10	0.11	5130	1	0.01	11	470	3510	0.02	<2	2	43	<20
CC68601		1	0.07	10	0.33	229	<1	<0.01	19	880	356	0.01	2	3	8	<20
CC68602		<1	0.10	10	0.31	466	<1	<0.01	18	1120	5930	0.05	8	2	9	<20
CC68603		<1	0.04	20	0.18	305	<1	<0.01	7	480	117	<0.01	<2	1	7	<20
CC68604		<1	0.04	20	0.06	345	1	<0.01	6	700	1420	0.03	5	1	15	<20
CC68605		<1	0.04	10	0.07	532	1	<0.01	5	690	1195	0.02	7	1	7	<20
CC68606		1	0.05	20	0.18	353	<1	<0.01	12	860	214	<0.01	3	2	6	<20
CC68607		<1	0.06	20	0.07	365	<1	<0.01	7	560	49	<0.01	<2	1	7	<20
CC68608		<1	0.03	10	0.13	175	<1	<0.01	4	270	26	<0.01	<2	1	6	<20
CC68609		<1	0.10	10	0.31	253	<1	<0.01	15	1000	1680	0.06	2	2	13	<20
CC68610		<1	0.06	20	0.42	215	<1	<0.01	15	930	882	0.01	<2	3	10	<20
CC68611		<1	0.04	20	0.06	631	<1	<0.01	7	490	42	<0.01	<2	1	4	<20
CC68612		<1	0.04	10	0.16	239	<1	<0.01	5	540	30	<0.01	<2	1	5	<20
CC68613		<1	0.02	20	0.03	177	<1	<0.01	6	320	24	<0.01	<2	1	4	<20
CC68614		<1	0.05	20	0.11	746	<1	<0.01	9	620	41	<0.01	<2	2	5	<20
CC68615		<1	0.05	20	0.35	383	<1	<0.01	14	670	51	<0.01	2	2	8	<20
CC68616		<1	0.06	20	0.31	421	<1	<0.01	11	540	37	<0.01	<2	2	7	<20
CC68617		<1	0.05	20	0.16	354	<1	<0.01	7	450	54	<0.01	<2	1	6	<20
CC68618		<1	0.06	20	0.16	312	<1	<0.01	8	630	59	<0.01	<2	1	6	<20
CC68619		<1	0.06	20	0.26	378	<1	<0.01	15	650	47	<0.01	2	2	8	<20
CC68620		<1	0.03	20	0.03	381	<1	<0.01	5	370	31	<0.01	<2	1	3	<20
CC68621		<1	0.10	20	0.38	274	<1	<0.01	17	590	260	0.01	2	2	6	<20
CC68622		<1	0.06	20	0.18	640	<1	<0.01	8	540	65	<0.01	2	1	4	<20



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## CERTIFICATE OF ANALYSIS VA09094857

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.01	10	10	1	10	2
CC68541		0.03	<10	<10	19	<10	63
CC68542		0.02	<10	<10	15	<10	98
CC68543		0.04	<10	<10	19	<10	89
CC68544		0.02	<10	<10	11	<10	34
CC68545		0.02	<10	<10	11	<10	38
CC68546		0.03	<10	<10	11	<10	20
CC67939		0.02	<10	<10	22	<10	488
CC67940		0.04	<10	<10	36	<10	299
CC67941		0.01	<10	<10	15	<10	451
CC67942		0.02	<10	<10	25	<10	205
CC67943		0.03	<10	<10	27	<10	679
CC67944		0.01	<10	<10	21	<10	290
CC67945		0.01	<10	<10	21	<10	1025
CC67946		0.02	<10	<10	25	<10	1725
CC67947		0.01	<10	<10	12	<10	153
CC67948		0.03	<10	<10	26	<10	546
CC67949		0.01	<10	10	15	<10	1450
CC67950		0.01	<10	<10	18	<10	1065
CC68601		0.02	<10	<10	31	<10	1455
CC68602		0.01	<10	<10	25	<10	1000
CC68603		0.02	<10	<10	21	<10	295
CC68604		0.02	<10	<10	27	<10	673
CC68605		0.02	<10	<10	32	<10	777
CC68606		<0.01	<10	<10	28	<10	935
CC68607		<0.01	<10	<10	17	<10	310
CC68608		0.02	<10	<10	19	<10	266
CC68609		0.01	<10	<10	32	<10	1240
CC68610		0.05	<10	<10	37	<10	1185
CC68611		<0.01	<10	<10	18	<10	312
CC68612		0.01	<10	<10	29	<10	322
CC68613		0.02	<10	<10	23	<10	290
CC68614		<0.01	<10	<10	22	<10	668
CC68615		0.02	<10	<10	33	<10	1230
CC68616		0.03	<10	<10	28	<10	649
CC68617		0.03	<10	<10	23	<10	284
CC68618		0.03	<10	<10	26	<10	266
CC68619		0.03	<10	<10	40	<10	827
CC68620		<0.01	<10	<10	12	<10	324
CC68621		0.02	<10	<10	21	<10	423
CC68622		0.02	<10	<10	26	<10	226



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VANCOUVER BC V6B 1L8

Project: Pigskin

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Total # Pages: 4 (A - C)  
Finalized Date: 16-SEP-2009  
Account: MTT

## CERTIFICATE OF ANALYSIS VA09094857

Sample Description	Method	WEI-21	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	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOR	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC68623		0.26	0.9	1.22	12	<10	30	0.6	2	0.05	1.1	5	16	6	2.19	<10
CC68624		0.22	<0.2	0.97	23	<10	20	<0.5	<2	0.03	0.7	4	13	10	2.43	10
CC68700		0.20	5.7	1.62	325	<10	40	1.7	3	0.19	3.0	6	26	43	5.00	<10
CC68701		0.28	3.3	0.48	170	<10	20	<0.5	<2	0.02	0.7	1	6	12	1.44	<10
CC68702		0.20	0.4	0.54	78	<10	10	<0.5	2	0.04	1.4	4	8	9	2.35	<10
CC68703		0.24	0.9	1.17	17	<10	30	0.8	<2	0.08	0.5	5	17	11	1.94	<10
CC68704		0.24	4.2	0.86	49	<10	10	1.0	<2	0.14	1.6	5	14	14	2.99	<10
CC68705		0.24	2.7	1.66	53	<10	30	1.8	<2	0.45	0.7	7	25	26	2.65	10
CC68707		0.24	0.7	0.90	57	<10	20	<0.5	2	0.20	0.5	5	16	10	2.06	<10
CC68708		0.14	1.0	0.86	13	<10	20	0.6	2	0.16	1.0	3	12	11	1.27	<10
CC68709		0.16	2.1	1.30	69	<10	20	1.1	2	0.20	1.1	6	18	17	2.41	10
CC68710		0.24	0.8	0.80	12	<10	20	0.6	2	0.08	0.5	2	12	8	0.94	<10
CC68711		0.20	3.4	1.12	25	<10	20	1.1	2	0.16	1.0	5	18	11	1.88	<10
CC68712		0.24	1.7	1.24	43	<10	30	1.1	<2	0.15	1.2	6	17	12	2.49	<10
CC68713		0.16	0.9	0.85	22	<10	20	0.7	<2	0.12	0.8	4	13	6	1.87	<10
CC68714		0.24	0.7	0.50	52	<10	30	<0.5	2	0.06	2.1	3	8	10	1.16	<10
CC68715		0.22	1.2	0.93	10	<10	30	0.9	2	0.27	0.7	3	13	11	1.36	<10
CC68716		0.16	0.6	0.82	29	<10	20	0.6	<2	0.07	1.5	5	14	10	2.41	<10
CC68717		0.20	1.4	0.53	13	<10	30	<0.5	2	0.21	2.1	2	11	8	1.43	<10
CC68718		0.22	2.1	0.91	39	<10	20	1.0	2	0.20	3.3	8	16	17	2.57	<10
CC68719		0.22	2.6	1.65	32	<10	40	2.4	3	0.28	2.4	10	23	25	4.42	10
CC68720		0.26	1.0	1.23	72	<10	30	0.8	<2	0.16	<0.5	6	15	13	2.23	<10
CC68721		0.22	0.6	0.72	6	<10	30	0.5	2	0.23	1.9	4	12	5	1.63	<10
CC68722		0.20	1.0	1.42	39	<10	70	1.0	3	0.07	4.1	11	20	10	3.72	<10
CC68723		0.20	1.3	0.71	10	<10	20	0.6	2	0.03	1.7	4	7	6	1.33	<10
CC68724		0.24	1.8	1.43	53	<10	40	1.6	2	0.05	3.9	10	18	19	3.46	<10
CC68725		0.26	0.7	0.97	40	<10	20	0.6	2	0.03	2.1	5	19	11	2.31	<10
CC68726		0.18	6.2	2.32	207	<10	40	5.7	<2	0.44	10.3	15	29	62	4.91	10
CC68727		0.20	1.8	1.42	90	<10	30	1.5	<2	0.21	1.6	7	24	21	3.07	<10
CC68728		0.18	4.4	1.75	84	<10	30	1.8	2	0.30	2.0	10	20	41	3.70	10
CC68729		0.18	1.2	0.61	13	<10	10	0.5	2	0.17	1.0	2	12	13	1.04	<10
CC68730		0.26	1.6	1.59	92	<10	40	1.5	17	0.18	1.4	9	25	22	3.00	<10



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Total # Pages: 4 (A - C)  
Finalized Date: 16-SEP-2009  
Account: MTT

## CERTIFICATE OF ANALYSIS VA09094857

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	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
Units	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
LOR	1	0.01	10	0.01	5	1	0.01	10	1	10	2	0.01	2	1	1	20
CC68623	<1	0.07	10	0.26	461	<1	<0.01	10	420	64	<0.01	<2	1	7	<20	
CC68624	<1	0.05	20	0.17	156	<1	<0.01	10	410	46	<0.01	<2	1	6	<20	
CC68700	<1	0.12	20	0.34	507	<1	0.01	20	720	1145	0.05	4	3	22	<20	
CC68701	<1	0.03	20	0.02	45	<1	<0.01	4	280	659	0.02	4	1	20	<20	
CC68702	<1	0.04	20	0.02	226	<1	<0.01	15	280	58	<0.01	3	1	9	<20	
CC68703	<1	0.09	20	0.33	257	<1	<0.01	13	220	36	<0.01	<2	2	11	<20	
CC68704	<1	0.09	20	0.20	2300	<1	<0.01	15	420	275	0.01	9	1	14	<20	
CC68705	<1	0.08	30	0.51	623	<1	0.01	25	480	75	0.01	2	3	38	<20	
CC68707	<1	0.10	20	0.31	479	<1	<0.01	14	240	67	<0.01	<2	2	15	<20	
CC68708	<1	0.07	20	0.20	155	<1	0.01	11	270	69	<0.01	<2	1	15	<20	
CC68709	<1	0.09	20	0.35	414	<1	<0.01	17	300	136	<0.01	3	2	19	<20	
CC68710	<1	0.06	20	0.14	145	<1	<0.01	7	240	57	<0.01	<2	1	10	<20	
CC68711	<1	0.08	20	0.31	498	<1	0.01	16	300	110	<0.01	<2	2	16	<20	
CC68712	<1	0.11	20	0.29	708	<1	<0.01	15	390	126	0.01	<2	1	16	<20	
CC68713	<1	0.06	10	0.19	381	<1	0.01	10	330	117	<0.01	<2	1	13	<20	
CC68714	<1	0.04	10	0.04	943	<1	0.01	6	240	120	<0.01	<2	1	7	<20	
CC68715	<1	0.06	20	0.22	221	<1	0.01	9	190	57	<0.01	2	2	24	<20	
CC68716	<1	0.08	20	0.18	199	<1	<0.01	14	450	54	<0.01	<2	1	11	<20	
CC68717	<1	0.05	10	0.08	135	<1	0.01	8	180	71	<0.01	2	1	20	<20	
CC68718	<1	0.07	20	0.24	1100	<1	<0.01	20	260	259	<0.01	2	2	19	<20	
CC68719	<1	0.11	20	0.30	1500	<1	0.01	27	480	280	0.01	2	2	31	<20	
CC68720	<1	0.08	20	0.45	367	<1	<0.01	18	270	110	<0.01	3	2	15	<20	
CC68721	<1	0.09	20	0.14	414	<1	<0.01	8	280	36	<0.01	<2	1	18	<20	
CC68722	<1	0.07	20	0.22	1430	<1	<0.01	17	750	92	<0.01	<2	2	9	<20	
CC68723	<1	0.04	10	0.06	2710	<1	0.01	5	640	121	<0.01	<2	1	6	<20	
CC68724	<1	0.07	20	0.24	1705	<1	<0.01	18	660	405	<0.01	2	1	9	<20	
CC68725	<1	0.07	20	0.19	338	<1	<0.01	14	380	105	<0.01	2	1	7	<20	
CC68726	<1	0.09	30	0.35	2430	<1	0.02	66	410	1855	0.01	2	3	37	<20	
CC68727	<1	0.11	20	0.37	353	<1	0.01	22	400	188	0.01	<2	2	19	<20	
CC68728	<1	0.09	30	0.46	1100	<1	0.01	27	670	369	0.01	2	3	22	<20	
CC68729	<1	0.07	10	0.16	88	<1	0.01	8	210	123	<0.01	<2	1	16	<20	
CC68730	<1	0.09	20	0.46	947	<1	0.01	22	430	270	<0.01	2	3	17	<20	



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Project: Pigskin

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Finalized Date: 16-SEP-2009  
Account: MTT

**CERTIFICATE OF ANALYSIS VA09094857**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		0.01	10	10	1	10	2
CC68623		0.04	<10	<10	28	<10	546
CC68624		0.04	<10	<10	36	<10	211
CC68700		0.02	<10	<10	28	<10	971
CC68701		0.02	<10	<10	24	<10	129
CC68702		0.03	<10	<10	27	<10	367
CC68703		0.03	<10	<10	21	<10	344
CC68704		0.02	<10	<10	16	<10	596
CC68705		0.04	<10	<10	24	<10	574
CC68707		0.02	<10	<10	18	<10	257
CC68708		0.02	<10	<10	14	<10	123
CC68709		0.02	<10	<10	23	<10	323
CC68710		0.02	<10	<10	15	<10	110
CC68711		0.02	<10	<10	18	<10	374
CC68712		0.02	<10	<10	21	<10	422
CC68713		0.03	<10	<10	21	<10	227
CC68714		0.02	<10	<10	16	<10	116
CC68715		0.03	<10	<10	19	<10	171
CC68716		0.02	<10	<10	20	<10	315
CC68717		0.03	<10	<10	21	<10	238
CC68718		0.03	<10	<10	18	<10	532
CC68719		0.02	<10	<10	30	<10	720
CC68720		0.02	<10	<10	14	<10	308
CC68721		0.02	<10	<10	22	<10	270
CC68722		0.03	<10	<10	34	<10	728
CC68723		0.02	<10	<10	14	<10	221
CC68724		0.02	<10	<10	26	<10	1020
CC68725		0.02	<10	<10	22	<10	308
CC68726		0.06	<10	<10	35	<10	2470
CC68727		0.03	<10	<10	24	<10	568
CC68728		0.02	<10	<10	23	<10	649
CC68729		0.03	<10	<10	14	<10	152
CC68730		0.02	<10	<10	21	<10	731



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Page: 1  
Finalized Date: 16-SEP-2009  
Account: MTT

## CERTIFICATE VA09094856

Project: Pigskin

P.O. No.:

This report is for 1 Rock sample submitted to our lab in Vancouver, BC, Canada on 28-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER  
VANCOUVER OFFICE

DOUG EATON  
BILL WENGZYNOWSKI

JOAN MARIACHER

## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

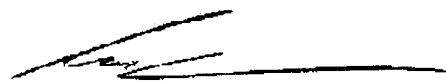
## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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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



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## CERTIFICATE OF ANALYSIS VA09094856

Sample Description	Method Analyte Units LOR	WEI-21	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
		Recvd Vol.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	
H885017		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
		1.20	33.6	0.18	828	<10	20	<0.5	2	0.04	9.5	1	12	99	1.33	<10



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## CERTIFICATE OF ANALYSIS VA09094856

Sample Description	Method Analyte Units LOR	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	
		Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm
H885017		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
		1	0.07	<10	0.03	64	<1	<0.01	1	120	3140	0.69	44	1	12	<20



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## CERTIFICATE OF ANALYSIS VA09094856

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
H885017		<0.01	<10	<10	3	<10	3010