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ASSESSMENT REPORT

describing

PROSPECTING AND GEOCHEMICAL SAMPLING

Field work performed August 4, 2017

at the

BLACK PROPERTY

Black 1-56 YC63668-YC63723

Black 57-68 YE66369-YE66380

NTS 115P/14

Latitude 63°56'N; Longitude 137°13'W

in the

Dawson Mining District
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

J. Morton, B.Sc., P.Geol.

February 2018

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INTRODUCTION

The Black property is located within the Tombstone Gold Belt of central Yukon. It covers the anomalous soil and stream sediment values in a prospective geological setting. The property is wholly owned by Strategic Metals Ltd.

This report describes geochemical sampling performed on August 4, 2017 by Archer, Cathro & Associates (1981) Limited on behalf of Strategic Metals. The author supervised and participated in the exploration program and interpreted all resulting data. The author's Statement of Qualifications is provided in Appendix I, and a Statement of Expenditures is located in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Black property consists of 68 contiguous mineral claims, which are located on NTS map sheet 115P/14 at latitude 63°56' north and longitude 137°13' west (Figure 1). The property covers an area of approximately 1400 hectares (14 km²). The claims are registered with the Dawson 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>
Black 1-56	YC63668-YC63723	February 9, 2021*
Black 57-68	YE66369-YE66380	February 9, 2021*

* Expiry dates include 2017 work which has been filed for assessment credit but has not yet been accepted.

In 2017, access to the property was provided by a Bell 206B helicopter operated by Fireweed Helicopters Ltd. from its seasonal base in Mayo. The closest road access points are from the former Brewery Creek Mine on the North Klondike Road, which lies 65 km west of the property, and from the Clear Creek tote road, located 10 km to the southwest.

HISTORY AND PREVIOUS WORK

The area now covered by the Black property was first staked by Mattagami Lake Exploration Limited in June 1980 as the Fiona claims. In 1981, Mattagami conducted a small program of geochemical sampling and geological mapping. That program did not identify any significant geochemical anomalies or mineralization, and the claims were subsequently allowed to lapse (Biczok, 1982).

In 2009, ATAC Resources Ltd. staked the Black property and conducted a helicopter-borne magnetic and variable time domain electromagnetic (VTEM) survey. A total of 251 line km were flown over the Black property. Several magnetic lows and two main electromagnetic anomalies were identified during this program, and further work was recommended (Gregory, 2009).

In May 2010, Strategic Metals purchased the Black property from ATAC Resources.

In 2011, Mill City Gold Corp. signed an option purchase agreement with Strategic Metals and conducted a 2-day exploration program on the Black property, comprising rock, soil and silt geochemical sampling. Soil samples returned up to 271 ppb gold, 408 ppm arsenic, 1.61 ppm silver and 227 ppm copper. One stream sediment sample returned over 1000 ppb gold, but this value was not reproduced when the sample was reanalyzed. The option agreement was subsequently terminated.

In 2017, Strategic Metals staked twelve new claims in order to cover the headwaters of two creeks, where stream sediment sampling had yielded anomalous geochemical results.

GEOMORPHOLOGY

The Black property is located in the Syenite Range of the Ogilvie Mountains. It is drained by creeks that flow into the Little South Klondike River, which ultimately connects to the Pacific Ocean via the Klondike and Yukon Rivers.

The terrain on the Black property consists of rolling hills, with local steep bluffs along streams and on the flanks of some of the higher ridges. Elevations range from 880 m to 1615 m above sea level (asl). Most of the property lies below treeline, which is at about 1450 m asl. Valley floors are thickly treed with spruce, pine and dwarf birch, which give way to willows, poplars, stunted conifers and buckbrush on south-facing slopes, and moss, scrub alder and buckbrush on north-facing slopes. Steep talus slopes at higher elevations are vegetated solely with moss and lichen. Outcrop is moderately abundant on the property.

REGIONAL GEOLOGY

The Black property is located northeast of the Tintina Fault, which juxtaposes Selwyn Basin stratigraphy to the northeast against pericratonic rocks assigned to Yukon-Tanana Terrane to the southwest. The property covers sedimentary rocks of Selwyn Basin where they have been cut by the Lost Horses Stock, a zoned intrusion that is a part of the Tombstone Plutonic Suite (Figure 3).

The Tombstone Plutonic Suite comprises an approximately 50 km by 800 km belt of Mid-Cretaceous aged batholiths, stocks, plugs, dykes and sills. It extends from western Northwest Territories across central Yukon, where it is offset to the Fairbanks District of Alaska by post-intrusion transcurrent movement along the Tintina Fault (Gabrielse, 1985 and Lang, et al., 2000). The intrusions are metaluminous, subalkaline to locally alkaline, intermediate to felsic in composition (Mortensen et al, 2000), and are often associated with precious metal mineralization (Hart, 2007). Because of this association, the Yukon portion of the suite is commonly referred to as the Tombstone Gold Belt. Tombstone Plutonic Suite intrusions are typically surrounded by contact metamorphic aureoles up to several kilometres in width. In areas where multiple intrusions are present, the aureoles may coalesce to form a larger zone that encloses all the intrusions in a district (Lang, et al., 2000).

The property lies along the western margin of Selwyn Basin – a tectonic element composed of deep water clastic sediments, chert and minor carbonate accumulated along the North American continental margin during Late Precambrian to Mid Devonian time (Pigage, 2004). In the Black area, Selwyn Basin stratigraphy has been displaced northward along several regional-scale thrust faults, as a result of large-scale plate convergence prior to emplacement of the Tombstone Plutonic Suite (Tempelman-Kluit, 1970 and Fingler, 2005). The largest of these thrust sheets is the Robert Service Thrust, the surface trace of which lies about 40 km north of the property. It juxtaposes Selwyn Basin, slope-facies siliciclastic rocks over Mississippian age, Keno Hill quartzite.

The Upper Proterozoic to Lower Cambrian Hyland Group forms the oldest stratigraphic sequence in the Black area. It consists of a thick package of maroon and green shale, calcareous sandstone, grit and quartz pebble conglomerate, which is regionally metamorphosed to lower greenschist facies. Hyland Group is overlain by Paleozoic calcareous and non-calcareous, clastic sedimentary rocks of the Gull Lake Formation, Rabbitkettle Formation, Road River Group and Earn Group. In the Black area, Rabbitkettle Formation is described as silty-laminated limestone interbedded with phyllite, argillite, oolitic limestone and rare conglomerate breccia. It is conformably overlain by Road River Group grey to black shale, chert and minor limey siltstone. Siltstone and chert pebble conglomerate of the Devonian to Mississippian Earn Group overlie Road River Group sediments (Murphy et al., 1992).

Numerous granitic and syenitic stocks, plugs, dykes and sills of Tombstone Plutonic Suite intrude the sedimentary package (Green, 1972), including the Lost Horses Stock, which is located immediately northwest of the property. In plan view, the stock is an eight kilometre diameter, sub-circular body with a granitic core that grades outward to coarse, porphyritic syenite. It is located within the fold axis of the Lost Horses syncline, a major isoclinal, southwest-verging, overturned syncline.

Tombstone Plutonic Suite intrusions are typically rimmed by contact metamorphic aureoles up to several kilometres in diameter. Biotite hornfels is the most common alteration within the aureoles but skarn is also locally abundant. Hornfels are often pyrrhotite rich and are generally characterized by strong positive magnetic signatures. This, coupled with the low magnetic susceptibility of the related granitic rocks, often results in distinctive, donut-shaped magnetic anomalies centred on the intrusions.

Another belt of granitic intrusions, the Upper Cretaceous McQuesten Suite, partially overlaps the belt of Tombstone Suite intrusions. This suite is not associated with precious metals.

The lithological units that occur in the immediate vicinity of the Black property are described in Table I.

Table I – Regional Lithological Units (after Gordey and Makepeace, 2003)

Unit Name	Map Name	Age	Description
McQuesten Plutonic Suite	LKM	Upper Cretaceous	Medium to coarse grained, locally porphyritic and K-feldspar megacrystic, biotite-muscovite granite and quartz monzonite.
Tombstone Plutonic Suite	mKT	Mid-Cretaceous	Medium to coarse grained, locally porphyritic, biotite-hornblende-clinopyroxene granite, quartz monzonite, granodiorite and syenite.
Keno Hill Quartzite	CT	Mississippian	Sandstone and quartzite.
Earn Group	DME	Devonian and Mississippian	Complex assemblage of submarine fan and channel deposits with slate, chert-quartz arenite and wacke, chert pebble conglomerate, siltstone, barite and rare limestone.
Road River Group	ODR	Ordovician to Lower Devonian	Black, gun-blue or silvery white weathering, black graptolitic shale and black chert; resistant, grey weathering, thin to medium bedded, light grey to black chert; minor argillaceous limestone.
Rabbitkettle Formation	COR	Upper Cambrian to Ordovician	Thin bedded, wavy banded, silty limestone and grey calcareous phyllite; limestone intraclast breccia and conglomerate; massive to laminated, grey siltstone, chert and rare black slate.
Gull Lake Formation	ICG	Cambrian	Shale, siltstone and mudstone, locally bioturbated, with minor quartz sandstone; rare green-grey chert; local basal limestone and limestone conglomerate.
Hyland Group	PCH	Upper Proterozoic to Lower Cambrian	Consists upwards of coarse turbiditic clastics, limestone, and fine clastics typified by maroon and green shale.

PROPERTY GEOLOGY

No detailed mapping has been performed on the Black property by Strategic Metals or any previous operators. Descriptions of the intrusives are from Eaton and Eaton (2008) while the descriptions of the sedimentary rocks are based on mapping by Murphy, et al., (1996). Figure 4 illustrates the property geology as compiled by Gordey and Makepeace (2003).

The property lies on the southeastern side of the Lost Horses Stock and covers Selwyn Basin stratigraphy assigned to the Earn Group, Road River Group, Rabbitkettle Formation and Hyland Group. The outer portion of the Lost Horses Stock is dominantly syenite containing approximately 65% potassium feldspar, up to 20% hornblende and 10% biotite. Potassium feldspar is always the dominant mineral and usually occurs as megacrysts averaging three

centimetres in length. Rusty weathering quartz-chlorite xenoliths are common close to contacts with surrounding sedimentary rocks. The stock contains a granitic core, which is composed of quartz syenite and a range of tourmaline-bearing granites. The rim and core of the stock are distinguished primarily by variations in quartz content, with the proportion of quartz increasing toward the centre. A smaller, east-west trending, elongate plug is mapped in the northwestern part of the property.

The oldest unit on the property is Upper Proterozoic to Lower Cambrian Yusezyu Formation of Hyland Group, which consists of foliated blue-grey and chalky white, feldspar pebble sandstone. It is conformably overlain by calcareous phyllite, thin- to medium-bedded marble/dolomitic marble and rare limestone pebble conglomerate of the Upper Cambrian to Ordovician Rabbitkettle Formation. Black shale, siltstone and chert pebble conglomerate of the Devonian to Mississippian Earn Group unconformably overlies Rabbitkettle Formation.

All three units of Selwyn Basin exposed on the property are tightly folded in a series of northeast-trending parasitic folds related to the Lost Horses syncline. On the Black property, Rabbitkettle Formation and Earn Group stratigraphy are exposed within fold limbs and fold hinges.

REGIONAL MINERALIZATION

A simplified model has been prepared to illustrate the variety of gold bearing mineral deposits associated with Tombstone Plutonic Suite intrusions (Hart, et al., 2000 and Hart and Burke, 2002). This model is illustrated on Figure 5. Mineralization occurs in four settings:

1. Intrusion-hosted deposits;
2. Proximal settings adjacent to intrusions and within contact aureoles;
3. Distal settings away from intrusions and their thermal aureoles; and,
4. Discrete quartz-sulphide veins within all settings.

Intrusion-hosted mineralization comprises arrays of sheeted, low sulphide, quartz \pm carbonate veins or disseminations of gold and accompanying sulphide minerals in weakly altered zones within the intrusions. The veins may be pegmatitic in part and they are generally concentrated in the roof or margin zones of the pluton. The best example of intrusion-hosted sheeted vein mineralization is the Fort Knox Deposit in the Fairbanks District of Alaska. Production from 1996 through 2014 was 6.4 million ounces of gold from 355.6 million tonnes of ore. Total proven and probable mineral reserves at the end of 2014 were 163.8 million tonnes grading 0.46 g/t gold (Sims, 2015). Noteworthy Yukon examples of the sheeted vein type mineralization are the Clear Creek occurrence and the Eagle Zone of the Dublin Gulch Deposit. The latter area contains 91.6 million tonnes of probable mineral reserves at a grade of 0.78 g/t gold (Moran et al., 2015). The best documented Yukon deposit of the disseminated intrusion-hosted type are some of the zones that comprise the recently decommissioned Brewery Creek Mine, located 25 km southwest of the Mike Lake property. A total of 9.46 million tonnes of ore at an average grade of 1.53 g/t gold were heap leached from 1996 through 2000 (Diment and Simpson, 2003). The aggregate pre-mining mineral resource was estimated at 40 million tonnes grading 1.4 g/t gold (Hart, et al., 2000). While the resource and reserve estimates for Fort Knox and Dublin

Gulch are documented in NI-43-101 reports, the pre-mining estimate for Brewery Creek is historical in nature and pre-dates the implementation of NI-43-101 reporting standards.

Mineralogy of the sheeted veins is dependent on the depth of emplacement of the host pluton. Fluid inclusion studies of systems that have formed deep in the earth's crust at pressures greater than 1.25 kbar indicated they do not have large lateral extent and are characterized by a bismuth + tungsten ± tellurium ± molybdenum ± arsenic geochemical signature (e.g. Dublin Gulch, Fort Knox). Systems that formed at shallower depths (around 0.5 kbar pressure) such as Brewery Creek Deposit are more laterally extensive and they are associated with elevated base metal concentrations, most notably copper, plus bismuth, arsenic and mercury (Lang et al., 2000).

Proximal, country-rock hosted mineralization includes skarns, replacements and disseminations in thermally metamorphosed and metasomatized aureoles that surround Tombstone Suite plutons. Gold bearing skarns are locally developed within limy units and consist of coarse grained silicate assemblages dominated by pyroxene and garnet with lesser wollastonite, tremolite, and axinite. Sulphide assemblages are pyrrhotite and chalcopyrite with late pyrite, bismuthinite and gold or argentinian gold overprints. The Marn, Horn and Mike Lake copper-gold skarn occurrences are the best documented Yukon examples of proximal skarns. Respectively, they are located 112 km to the northwest, 106 km to the northwest and 68 km to the northwest of the Black property. Tungsten dominated skarns are associated with the Dublin Gulch Deposit but do not themselves contain significant amounts of gold. Replacement and disseminated gold mineralization has been reported in reactive sedimentary rocks within hornfelsed aureoles of several intrusions but there are few well explored examples. Mineralogy within hornfels is typified by coarse grained pyrrhotite, arsenopyrite and pyrite as irregular blebs and replacements.

Discrete quartz-sulphide veins are found within plutons, in proximal country rocks and in distal units. Mineralogy is dominated by quartz and late stage sulphide assemblages with varying amounts of pyrite, arsenopyrite, stibnite, galena and sphalerite. Although they can host high grade sections, grades are typically sporadic in veins and their tonnage potential is limited.

PROPERTY MINERALIZATION

During their 1981 program, Mattagami collected 33 rock samples. Most of those samples returned background to weakly anomalous values with up to 40 ppb gold, up to 1.8 ppm silver and up to 70 ppm copper (Biczok, 1982).

In 2011, Mill City Gold collected two samples rusty diorite from the Black property. Both samples yielded background values for gold (up to 1 ppb), arsenic (up to 70.6 ppm), silver (up to 0.37 ppm) and copper (up to 46 ppm) (Chung, 2011).

In 2017, Strategic Metals collected eight rock samples from a variety of rock types, including: rusty, pyrrhotite-bearing biotite hornfels; limonitic quartz; and yellow-green stained monzonite. One sample returned weakly elevated arsenic (200 ppm), while the remainder returned background values for all elements of interest. The 2017 rock sample locations are plotted on Figure 6.

Rock geochemical sample sites on the property were marked with orange flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Rock sample preparation and multi-element analyses were carried out at ALS Minerals laboratories in Whitehorse, YT and North Vancouver, BC, respectively. Each sample 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 microns. The fine fraction was analyzed for 52 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41). An additional 30 g charge was further analyzed for gold by fire assay followed by inductively coupled plasma-atomic emissions spectroscopy (Au-ICP21). Rock sample descriptions are included in Appendix III, while Certificates of Analysis for the 2017 samples are provided in Appendix IV.

STREAM SEDIMENT AND SOIL GEOCHEMISTRY

Limited geochemical sampling conducted by Mattagami within the area now covered by the Black property returned subdued results, with the majority of the samples yielding values below detection limits (Biczok, 1982).

In 2011, Mill City Gold collected 14 stream sediment and 50 soil samples. Most of the stream sediment samples returned background to weakly elevated values for gold, arsenic, silver and copper. One stream sediment sample yielded over 1000 ppb gold, but the value was not reproduced when the sample was reanalyzed.

In 2017, Strategic Metals collected 74 contour soil samples on the Black property. The 2017 sample locations are shown on Figure 7, while results from all programs for gold, arsenic, silver and copper are illustrated thematically, along with the total magnetic intensity, on Figures 8 to 11, respectively. Certificates of Analysis for the 2017 samples are provided in Appendix IV.

The 2017 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 5 to 75 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 Minerals in Whitehorse, where they were dried and screened to -180 microns. The fine fractions were then shipped to ALS Minerals in North Vancouver where they were analysed for 52 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-MS41). An additional 30 g charge was further analysed for gold by fire assay with inductively coupled plasma-atomic emissions spectroscopy finish (Au-ICP21).

Soil sampling has identified two clusters of anomalous values. A cluster of strongly elevated silver (up to 5.07 ppm), arsenic (up to 1085 ppm) and copper (up to 230 ppm) values are located at the headwaters of a southeast-flowing drainage and associated with a small, elongate, Tombstone Plutonic Suite intrusion. A second, smaller cluster, located 1400 m to the northeast, lies along the margin of the Lost Horses Stock. This cluster comprises two discrete, very

strongly anomalous gold values (up to 271 ppb), with arsenic support, but only background copper and silver values.

DISCUSSION AND CONCLUSIONS

The Black property is located in the Tombstone Gold Belt of central Yukon, and covers geology prospective for intrusion-related gold and related deposits. Reconnaissance soil sampling on the property has returned some strongly elevated values for gold, silver, arsenic and copper.

The Black property is underlain by units containing carbonate rocks, most notably the Rabbitkettle Formation, and is located along the margin of a Tombstone Suite intrusion. This setting is favourable for precious metal mineralization. The anomalous soil samples may represent leakage anomalies from a skarn- or replacement-type deposit hosted in Rabbitkettle Formation carbonates at depth.

Further work on the property is recommended. Detailed prospecting and grid soil sampling should be performed in the northwestern part of the property to identify the bedrock sources of the two clusters of strongly anomalous soil geochemistry. Reconnaissance prospecting and contour soil sampling should be performed in other parts of the property where there is no geochemical data.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

A handwritten signature in blue ink, appearing to be 'J. Morton', written over a horizontal line.

J. Morton, B.Sc., P.Geo.

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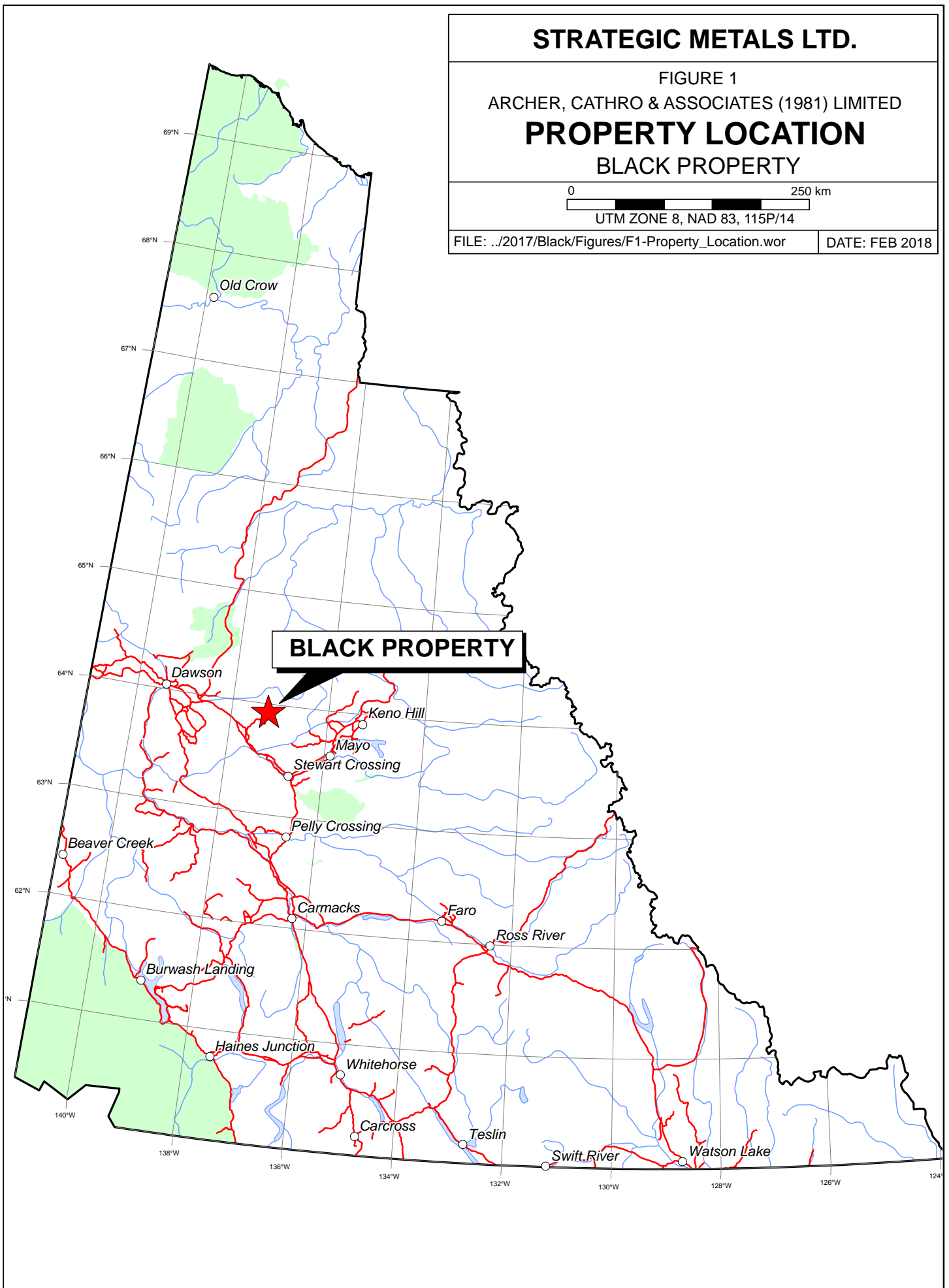
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

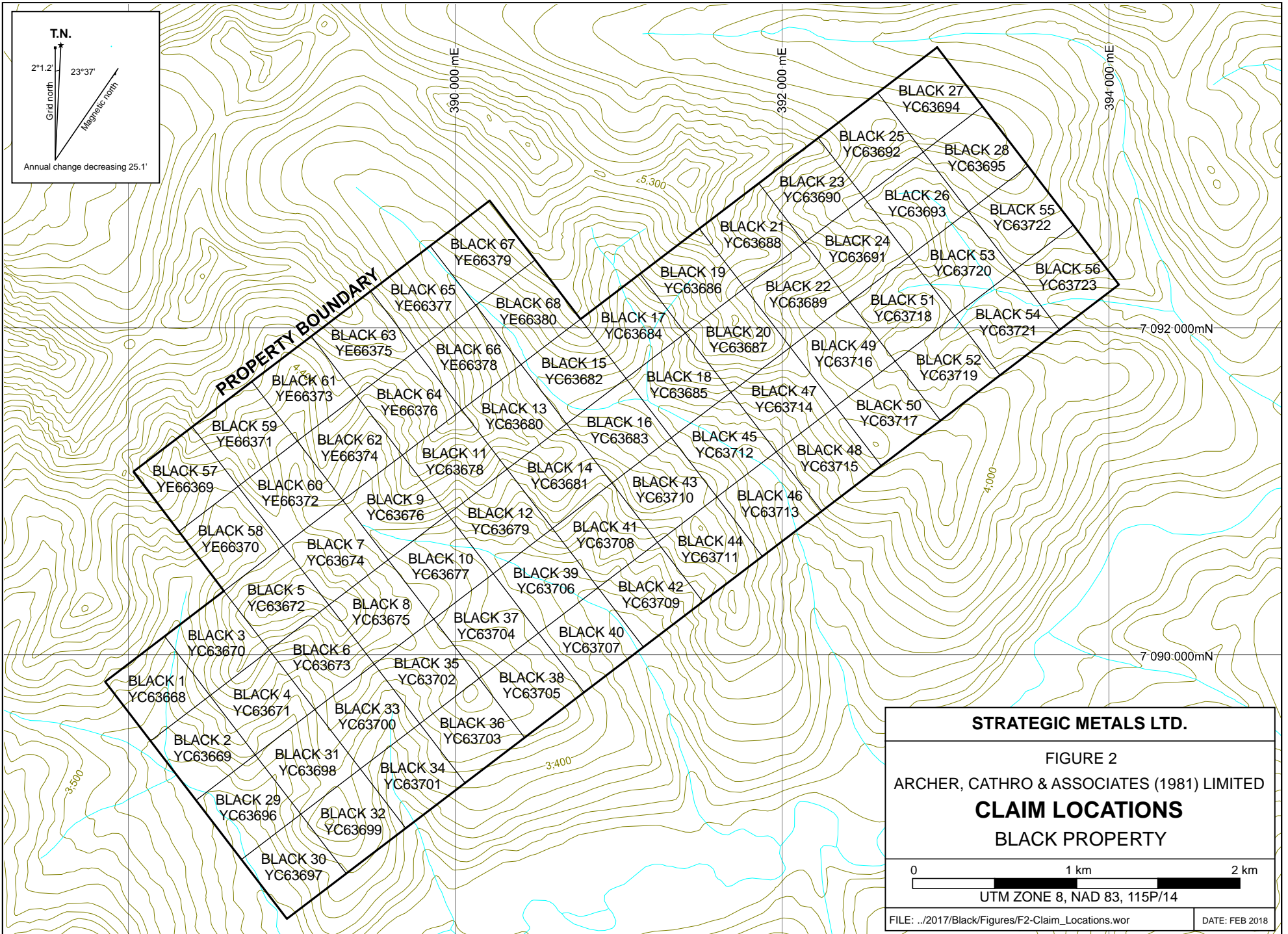
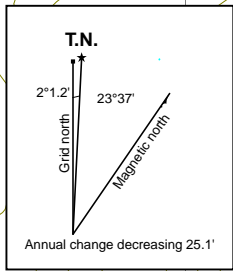
PROPERTY LOCATION BLACK PROPERTY

0 250 km
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DATE: FEB 2018



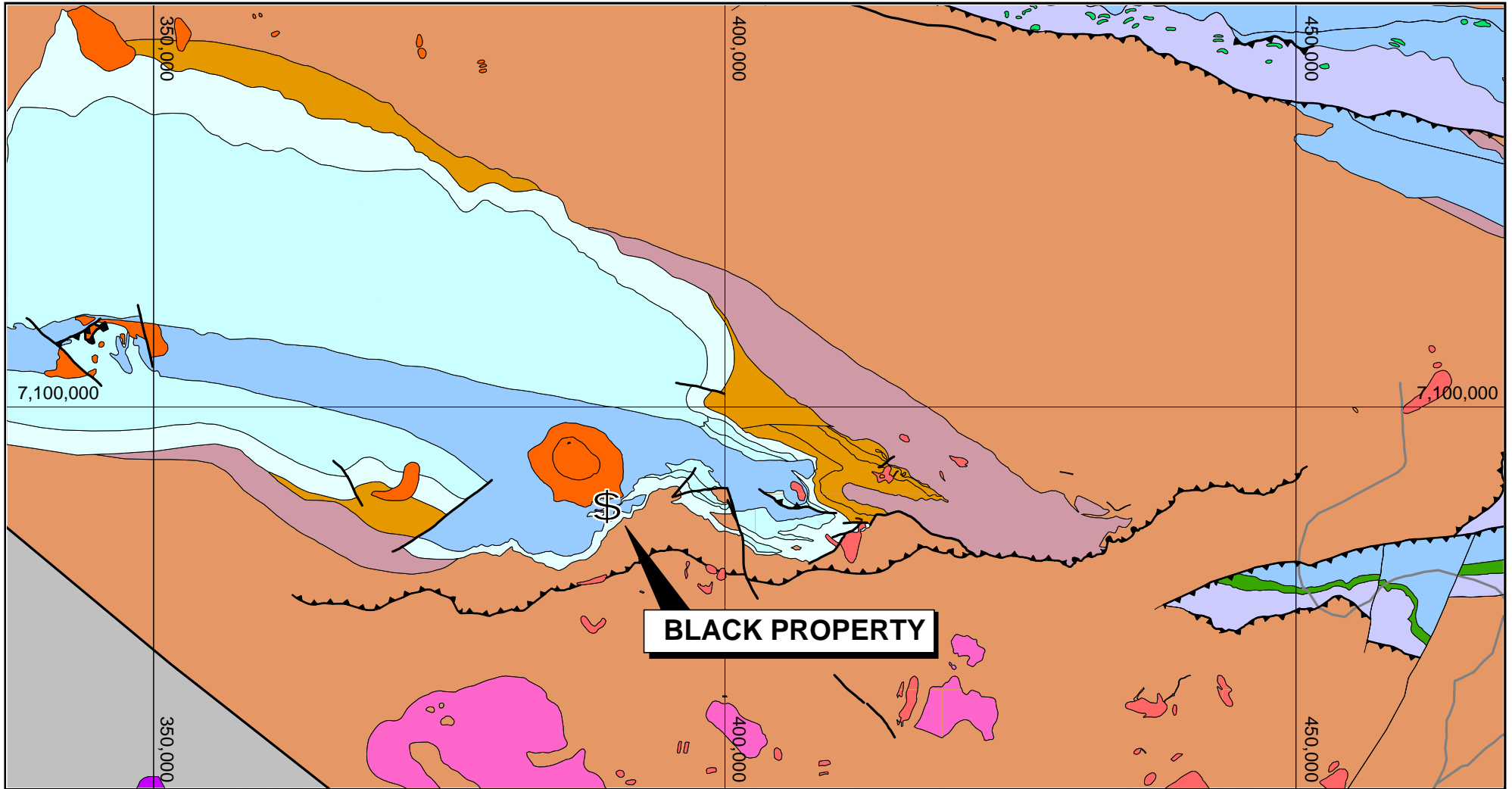


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FIGURE 2
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CLAIM LOCATIONS
 BLACK PROPERTY

0 1 km 2 km
 UTM ZONE 8, NAD 83, 115P/14

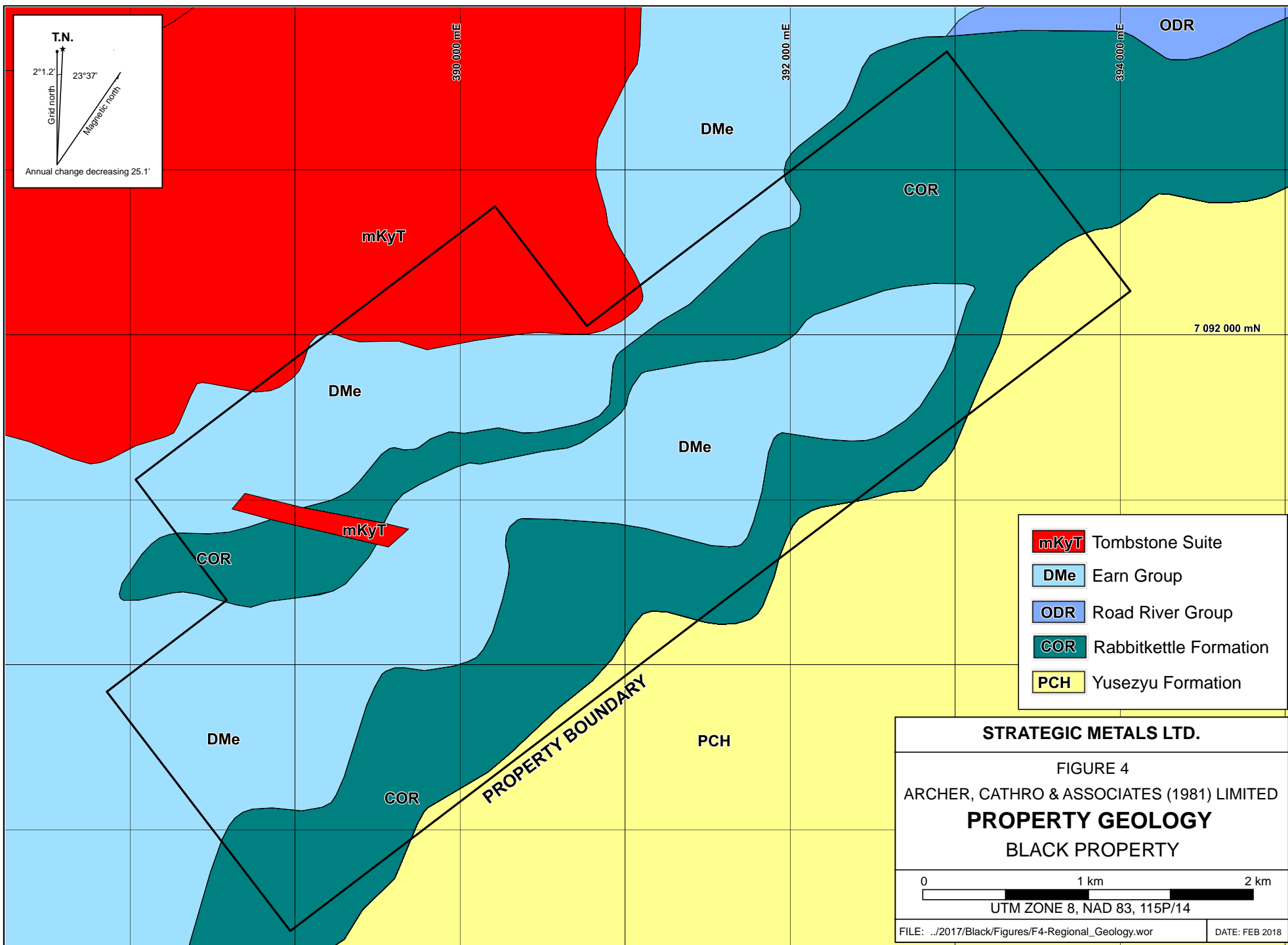
FILE: ../2017/Black/Figures/F2-Claim_Locations.wor DATE: FEB 2018



- McQuesten Suite intrusions - two-mica granite
- Tombstone Suite intrusions - granite, granodiorite and syenite
- Keno Hill Quartzite - metamorphosed sandstone, shale and phyllite
- Earn Group - volcanics
- Earn Group - shale, chert and pebble conglomerate
- Road River Group - shale, chert and siltstone
- Rabbitkettle Formation - basinal limestone

- Gull Lake Formation - shale, sandstone and conglomerate
- Hyland Group - interbedded maroon and apple-green slate
- Hyland Group - schist, sandstone, shale and limestone
- Yukon Tanana Terrane
- Thrust fault
- Fault
- Road

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FIGURE 3 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED REGIONAL GEOLOGY BLACK PROPERTY	
<p>0 20 kilometres</p>	
UTM ZONE 8, NAD 83, 115P/14	
FILE: ../2017/Black/Figures/F4-Regional_Geology.wor	DATE: FEB 2018



mKyT	Tombstone Suite
DMe	Earn Group
ODR	Road River Group
COR	Rabbitkettle Formation
PCH	Yusezyu Formation

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

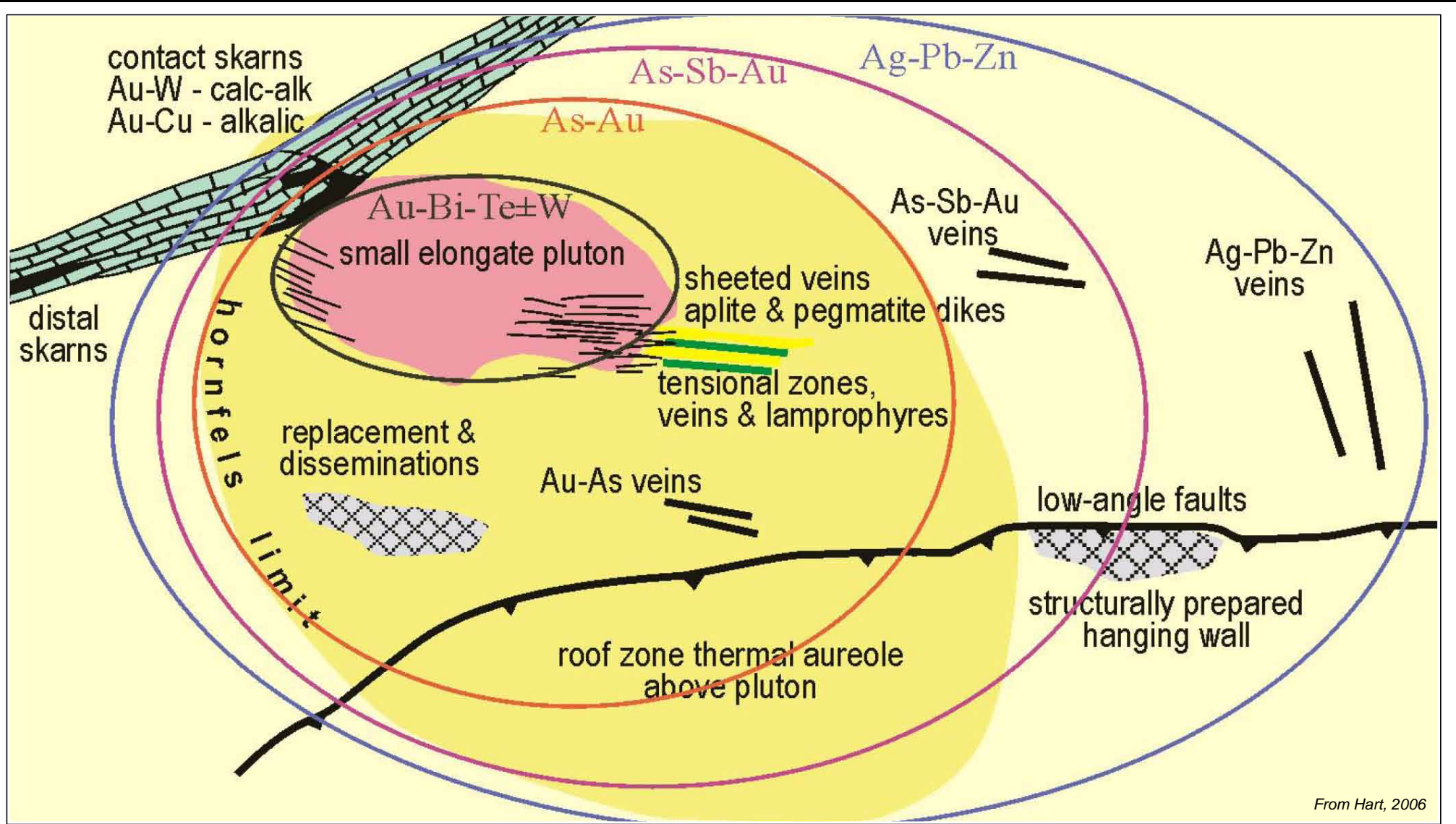
PROPERTY GEOLOGY

BLACK PROPERTY

0 1 km 2 km

UTM ZONE 8, NAD 83, 115P/14

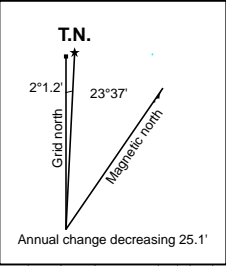
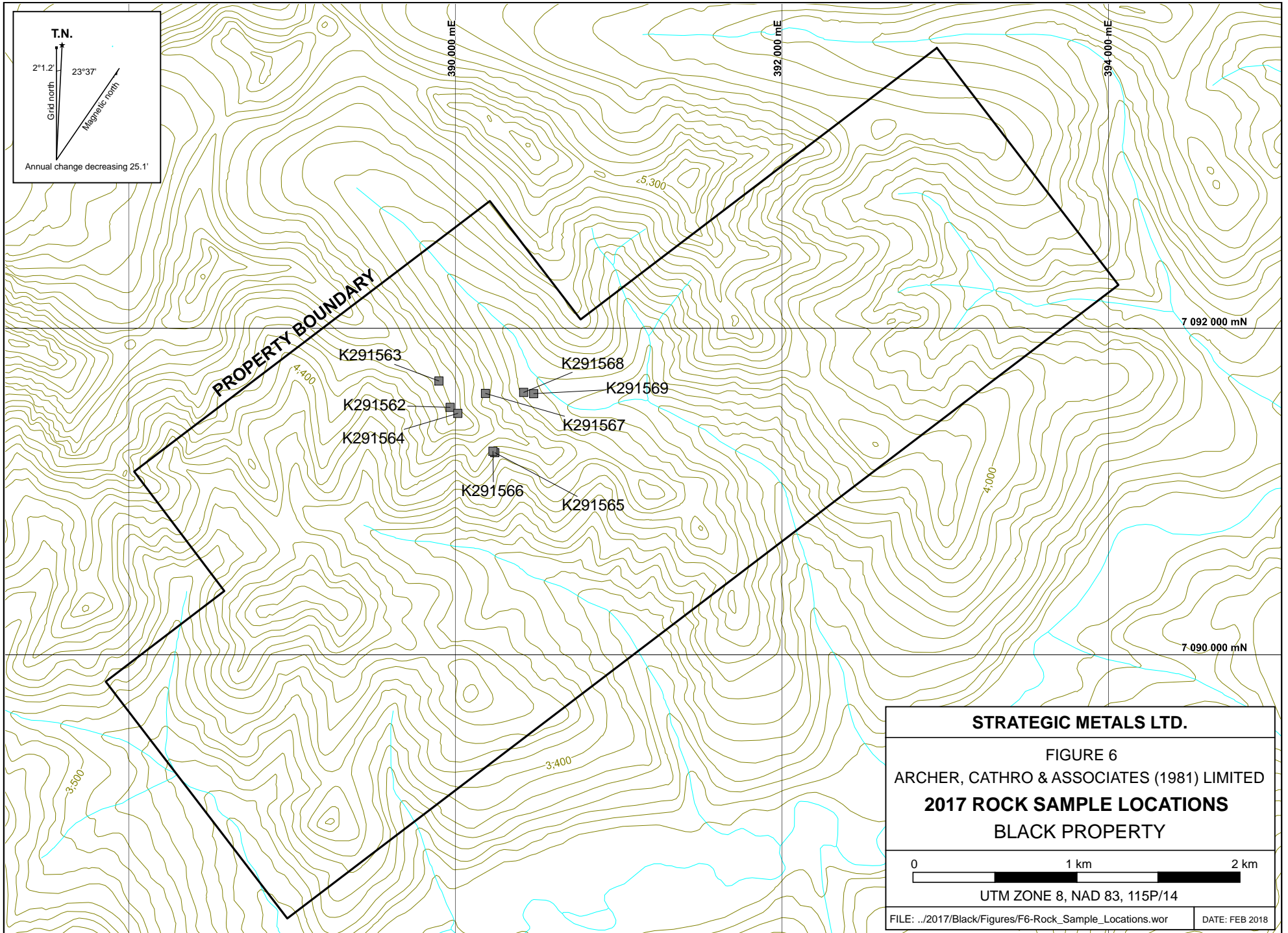
FILE: ..\2017\Black\Figures\F4-Regional_Geology.wor DATE: FEB 2018



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FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
**REDUCED INTRUSION-RELATED
GOLD SYSTEMS MODEL**

BLACK PROPERTY



PROPERTY BOUNDARY

- K291563
- K291562
- K291564
- K291566
- K291568
- K291569
- K291567
- K291565

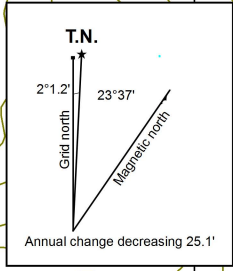
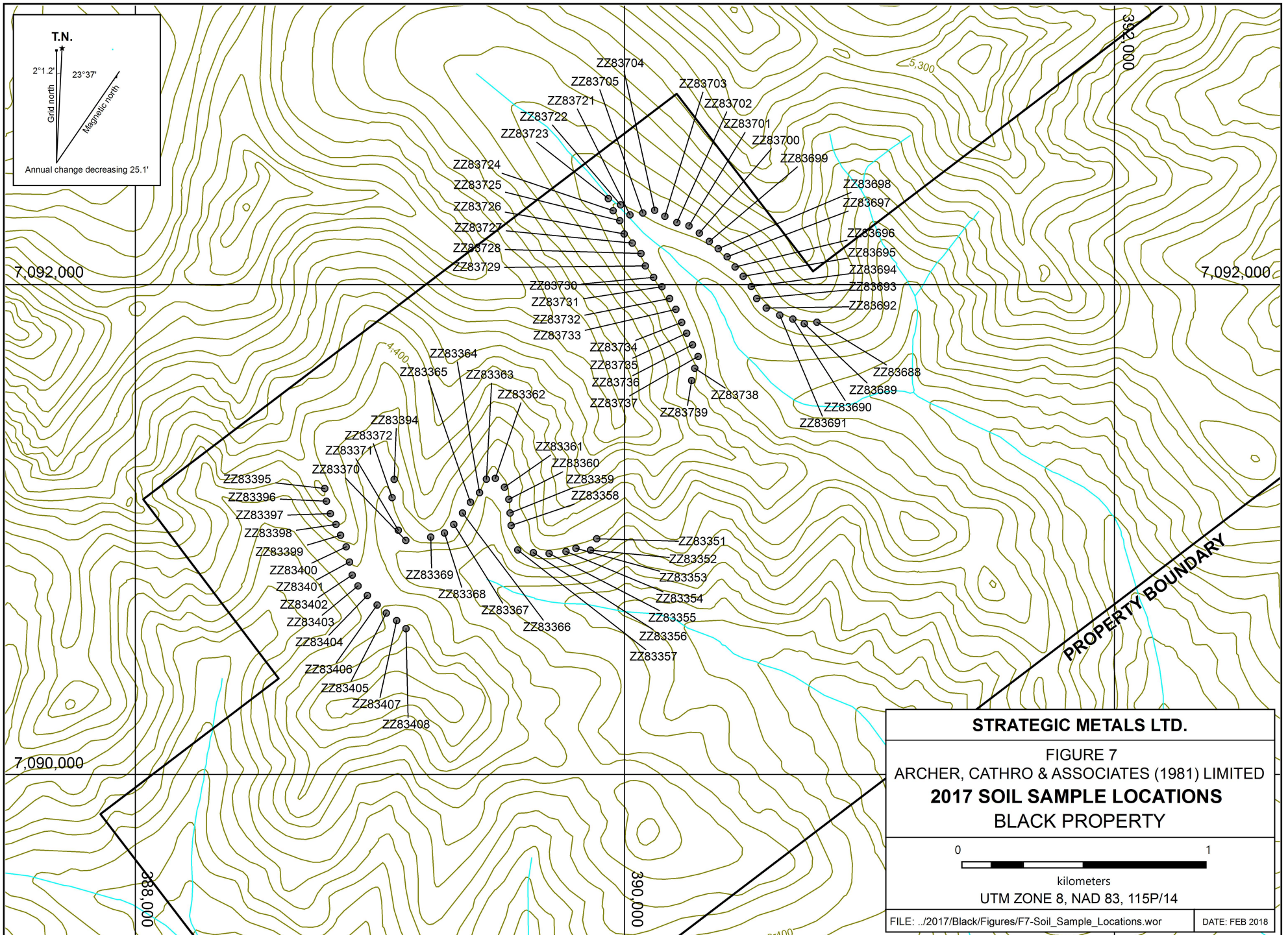
STRATEGIC METALS LTD.

FIGURE 6
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2017 ROCK SAMPLE LOCATIONS
BLACK PROPERTY

0 1 km 2 km

UTM ZONE 8, NAD 83, 115P/14

FILE: ../2017/Black/Figures/F6-Rock_Sample_Locations.wor DATE: FEB 2018

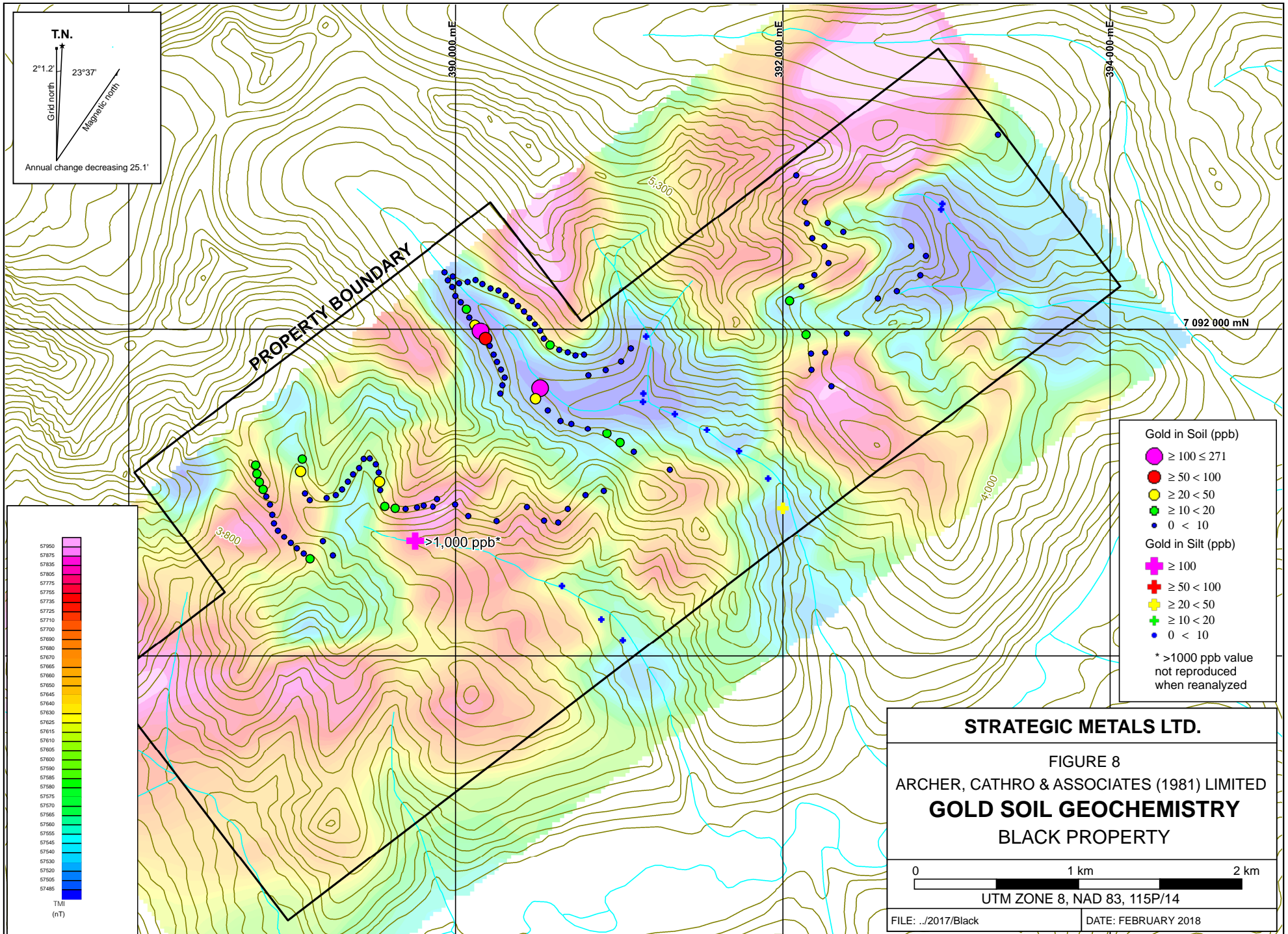


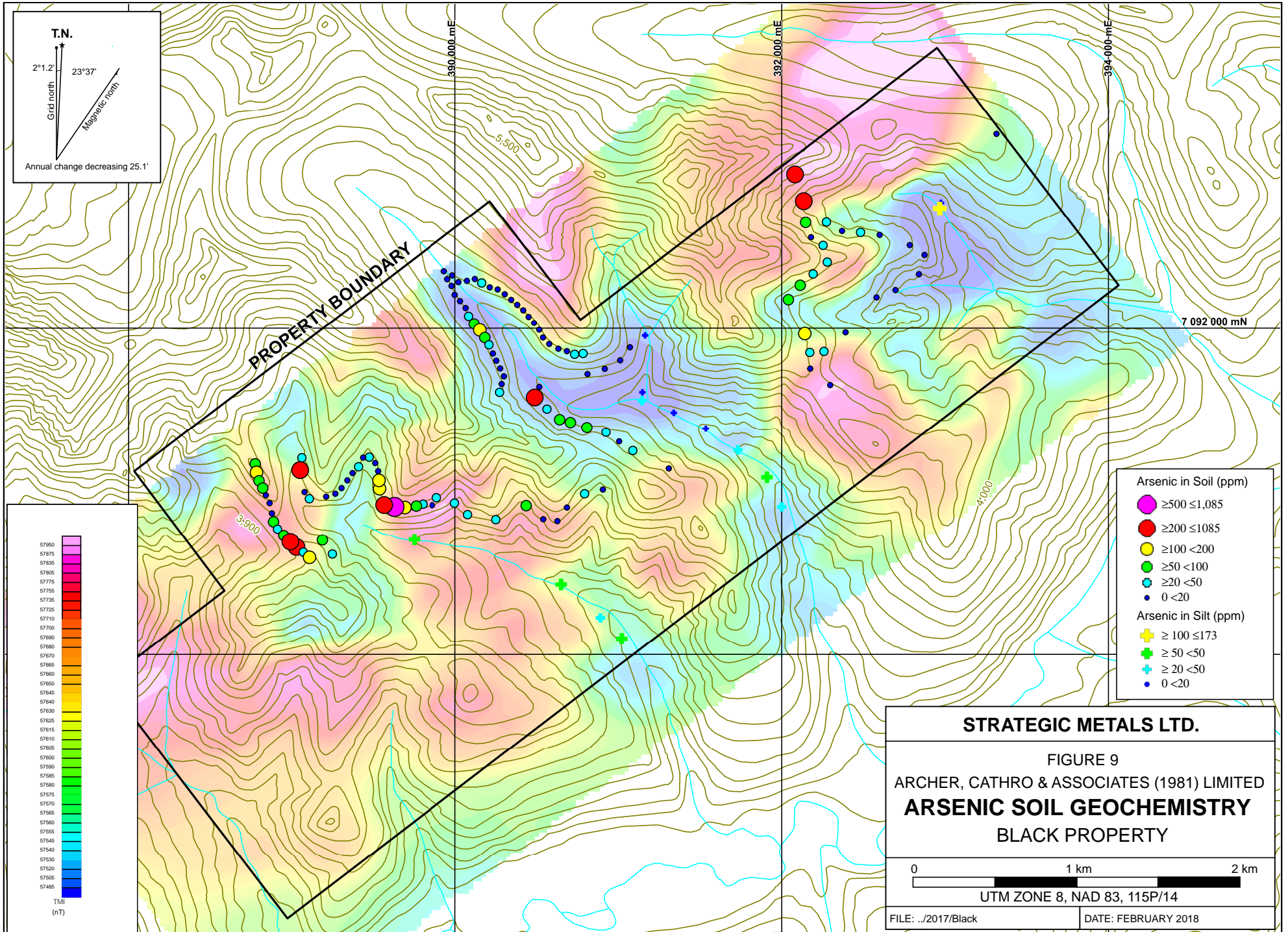
STRATEGIC METALS LTD.

FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2017 SOIL SAMPLE LOCATIONS
BLACK PROPERTY

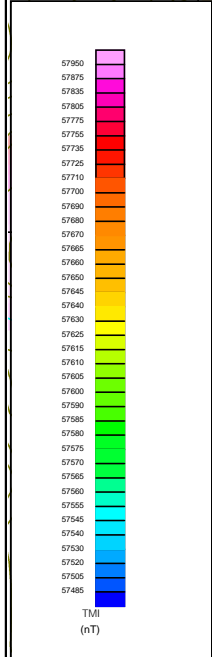
0 ————— 1
kilometers
UTM ZONE 8, NAD 83, 115P/14

FILE: ..\2017\Black\Figures\F7-Soil_Sample_Locations.wor DATE: FEB 2018





T.N.
 2°1.2' Grid north
 23°37' Magnetic north
 Annual change decreasing 25.1'



- Arsenic in Soil (ppm)**
- $\geq 500 \leq 1,085$
 - $\geq 200 < 1085$
 - $\geq 100 < 200$
 - $\geq 50 < 100$
 - $\geq 20 < 50$
 - $0 < 20$
- Arsenic in Silt (ppm)**
- + $\geq 100 \leq 173$
 - + $\geq 50 < 50$
 - + $\geq 20 < 50$
 - $0 < 20$

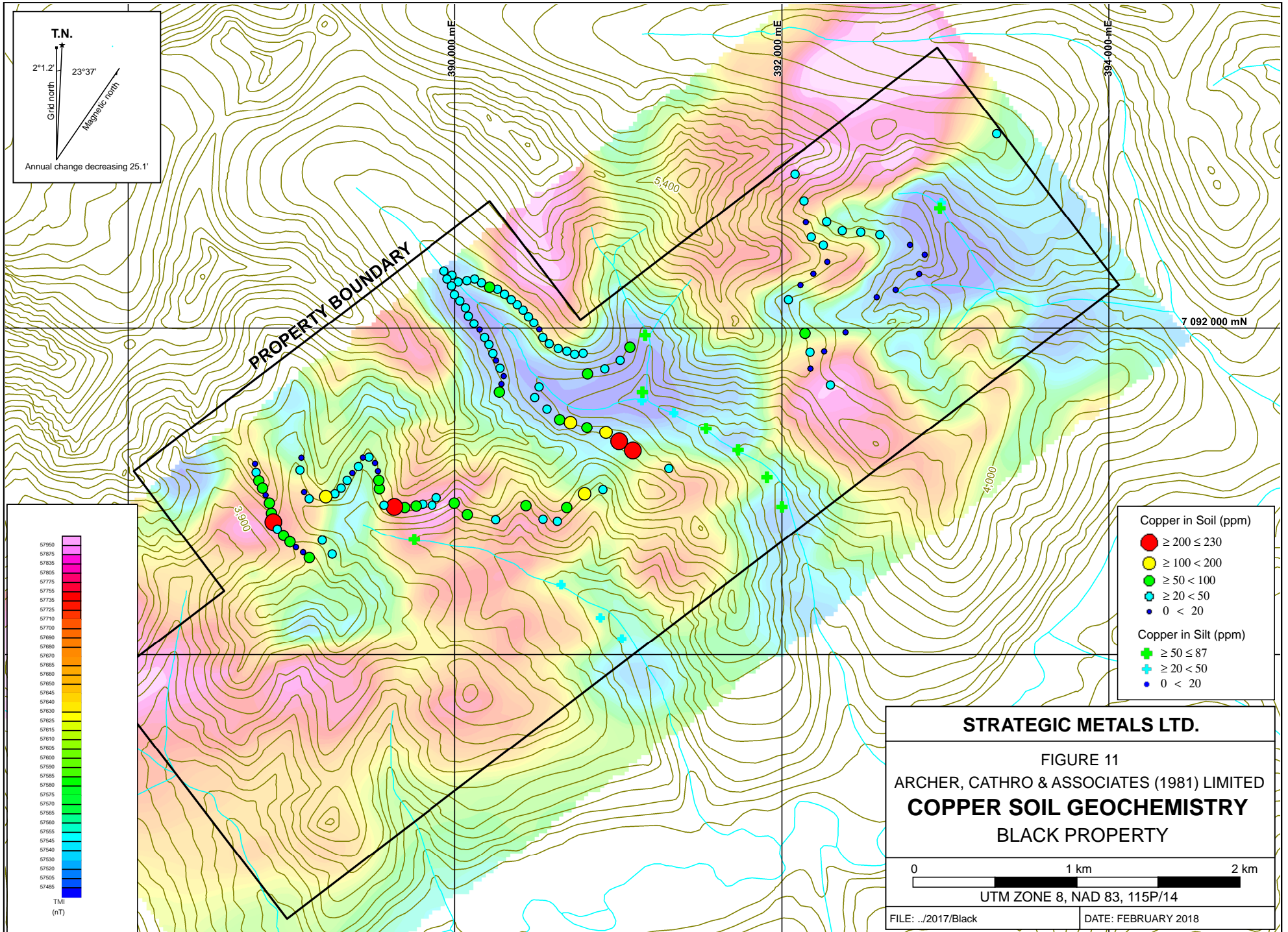
STRATEGIC METALS LTD.

FIGURE 9
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ARSENIC SOIL GEOCHEMISTRY
 BLACK PROPERTY

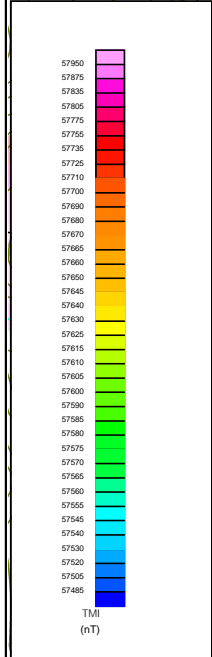
0 1 km 2 km

UTM ZONE 8, NAD 83, 115P/14

FILE: ../2017/Black DATE: FEBRUARY 2018



T.N.
 2°1.2' Grid north
 23°37' Magnetic north
 Annual change decreasing 25.1"



Copper in Soil (ppm)

- $\geq 200 \leq 230$
- $\geq 100 < 200$
- $\geq 50 < 100$
- $\geq 20 < 50$
- $0 < 20$

Copper in Silt (ppm)

- + $\geq 50 \leq 87$
- + $\geq 20 < 50$
- $0 < 20$

STRATEGIC METALS LTD.

FIGURE 11
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COPPER SOIL GEOCHEMISTRY
 BLACK PROPERTY

0 1 km 2 km

UTM ZONE 8, NAD 83, 115P/14

FILE: ../2017/Black DATE: FEBRUARY 2018

APPENDIX I
STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Jack Morton, 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 Simon Fraser University in 2013 with a B.Sc. in Earth Science.
2. From 2007 to present, I have been actively engaged in mineral exploration in Yukon Territory, British Columbia, and Northwest Territories.
3. I am a Professional Geologist (P.Ge.) with the Association of Professional Engineers and Geoscientists of British Columbia (License Number 45807).
4. I supervised the field program and have interpreted all data resulting from this work.



J. Morton, B.Sc., P.Ge.

APPENDIX II
STATEMENT OF EXPENDITURES

Statement of Expenditures
Black 1-68 Mineral Claims
January 15, 2018

Labour

D. Eaton (geologist) May to November – 4 hours at \$120/hr	\$ 504.00
J. Morton (geologist) May to November – 16 hours at \$96/hr	1,612.80
R. Ledoux (field assistant) May to November – 8 hours at \$51/hr	428.40
L. Martin-Berry (field assistant) May to November – 8 hours at \$51/hr	428.40
L. Corbett (expedite) May to November – 2 hours at \$81/hr	170.10
L. Smith (office & expedite) May to November – 9 hours at \$81/hr	765.45
S. Newman (office) May to November – 7 hours at \$68/hr	499.80
J. Cournoyer-Derome (expedite) May to November – 3 hours at \$51/hr	<u>160.65</u>
	4,569.60

Expenses

Field room and board – 4 days at \$195/day	881.40
Fireweed Helicopters –8 hrs Bell 206B at \$1,200/hr plus fuel	11,717.54
ALS Chemex	2,522.30
Report preparation est.	<u>2,000.00</u>
	17,121.24
 Total	 <u>\$21,690.84</u>

Note that more than \$3,000 of these expenditures were incurred subsequent to August 17, 2017 to cover the Black 51-68 claims.

APPENDIX III
ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions

Property: Black

Sample Number: K291562 UTM: 389969 mE Nad83, Zone 8
Elevation: 4918 m UTM: 7091516 mN

Comments: Subcrop sample of rusty, limonitic quartz with small fractures filled with a dark oxide, and sparse manganese on outside surfaces; Removed from a shallow pit along the ridge, and not abundant.

Sample Number: K291563 UTM: 389901 mE Nad83, Zone 8
Elevation: 4913 m UTM: 7091678 mN

Comments: ~2m chip sample, oriented north-south, across outcrop of rusty-brown weathering, medium grey hornfels with sparse disseminated arsenopyrite throughout. Collected at the contact between syenite and DME siltstone/shale.

Sample Number: K291564 UTM: 390016 mE Nad83, Zone 8
Elevation: 4880 m UTM: 7091479 mN

Comments: Subcrop sample of rusty weathering, intensely oxidized, banded chert-siltstone (Brewery Unit?) with dark manganese fractures; Collected in an area of abundant <=10cm wide quartz veins.

Sample Number: K291565 UTM: 390243 mE Nad83, Zone 8
Elevation: 4293 m UTM: 7091239 mN

Comments: Approximately 10m wide composite sample, collected across a 60m by 30m gossanous kill zone, comprising intensely rusty weathering biotite-pyrrhotite hornfels.

Sample Number: K291566 UTM: 390231 mE Nad83, Zone 8
Elevation: 4338 m UTM: 7091247 mN

Comments: Subcrop sample of rusty weathering quartz with abundant live limonite in pits and on fracture surfaces, hosting sparse fine grained pyrite; Collected at the top of the gossan described in K291565.

Sample Number: K291567 UTM: 390185 mE Nad83, Zone 8
Elevation: 4476 m UTM: 7091601 mN

Comments: Subcrop sample of orange-brown weathering, banded chert-siltstone (Brewery Unit?) with a thin dark fracture or stylolite hosting dark oxide and needles of a very fine grained, dark steely sulphide. No rep.

Rock Sample Descriptions

Property: Black

Sample Number: K291568 UTM: 390420 mE Nad83, Zone 8
Elevation: 4114 m UTM: 7091607 mN

Comments: Float grab of orange to tan weathering, banded dark grey and white, wispy (Steel Formation?) siltstone.

Sample Number: K291569 UTM: 390481 mE Nad83, Zone 8
Elevation: 4042 m UTM: 7091600 mN

Comments: Composite sample across a ~100m wide talus field of rusty-orange monzonite, with a sparse yellow-green stain, hosting disseminated very fine grained arsenopyrite and lesser pyrrhotite, as well as numerous cm-scale milky-white quartz veins.

APPENDIX IV
CERTIFICATES OF ANALYSIS



ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
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VANCOUVER BC V6B 1L8

Page: 1
Total # Pages: 3 (A - D)
Plus Appendix Pages
Finalized Date: 12- SEP- 2017
Account: MTT

CERTIFICATE WH17164296

Project: BLACK

This report is for 74 Soil samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	JOAN MARIACHER	JACK MORTON
--------------	----------------	-------------

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- MS41	Ultra Trace Aqua Regia ICP- MS	

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.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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 Total # Pages: 3 (A - D)
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 Finalized Date: 12- SEP- 2017
 Account: MTT

Project: BLACK

CERTIFICATE OF ANALYSIS WH17164296

Sample Description	Method	WEI- 21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOR		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
ZZ83351		0.34	0.49	2.34	34.1	<0.02	<10	280	1.24	0.57	0.67	2.80	19.05	19.2	28	3.79
ZZ83352		0.34	0.38	1.78	10.1	<0.02	<10	330	0.65	0.32	0.71	1.28	23.9	10.2	35	1.97
ZZ83353		0.19	0.76	1.56	21.7	<0.02	<10	180	1.00	0.50	1.06	10.50	13.10	22.1	27	4.29
ZZ83354		0.51	1.11	3.64	62.6	<0.02	<10	120	2.05	0.83	1.29	6.45	19.80	32.3	26	9.89
ZZ83355		0.26	1.10	2.68	139.0	<0.02	<10	110	1.91	2.39	1.07	8.30	22.3	16.2	25	10.80
ZZ83356		0.28	1.38	3.12	1085	<0.02	<10	160	1.96	5.06	0.82	16.85	25.2	31.7	27	4.58
ZZ83357		0.29	0.72	1.44	450	<0.02	<10	150	0.79	4.15	0.50	5.29	22.8	7.5	23	2.78
ZZ83358		0.58	1.14	1.59	140.0	<0.02	<10	260	1.02	0.98	0.30	4.13	31.1	12.1	44	2.53
ZZ83359		0.26	1.12	1.68	110.5	0.03	<10	120	0.87	1.09	0.09	1.15	19.35	4.1	22	4.19
ZZ83360		0.42	0.08	1.81	17.8	<0.02	<10	130	0.59	0.27	0.07	0.43	23.0	7.5	26	2.59
ZZ83361		0.42	0.11	1.61	17.9	<0.02	<10	170	0.79	0.35	0.10	0.44	24.7	6.6	24	3.12
ZZ83362		0.37	0.16	1.70	22.4	<0.02	<10	220	1.14	0.34	0.18	1.01	41.4	16.0	33	8.24
ZZ83363		0.42	0.25	1.23	18.9	<0.02	<10	120	0.52	0.32	0.06	0.37	21.1	8.0	20	3.43
ZZ83364		0.39	0.42	1.24	37.2	<0.02	<10	230	0.55	0.58	0.07	0.75	23.8	5.2	21	4.55
ZZ83365		0.38	0.67	1.14	12.9	<0.02	<10	90	0.26	0.26	0.07	0.38	19.35	3.7	20	2.40
ZZ83366		0.38	0.15	1.58	13.8	<0.02	<10	170	0.82	0.19	0.13	0.39	27.6	8.9	23	3.94
ZZ83367		0.30	0.45	2.00	18.6	<0.02	<10	150	1.10	0.28	0.27	0.56	18.35	6.8	24	5.23
ZZ83368		0.46	0.12	2.42	15.0	<0.02	<10	140	0.80	0.22	0.09	0.30	24.4	11.6	29	3.88
ZZ83369		0.50	0.48	3.15	19.6	<0.02	<10	180	1.21	0.34	0.07	0.21	17.25	9.8	24	9.51
ZZ83370		0.43	0.34	2.27	20.1	<0.02	<10	200	0.95	0.53	0.08	0.20	18.70	7.4	25	14.25
ZZ83371		0.33	0.27	1.40	11.5	<0.02	<10	90	0.34	0.27	0.06	0.26	19.80	3.3	18	3.01
ZZ83372		0.44	0.52	1.35	327	<0.02	<10	170	0.47	2.08	0.15	1.79	36.0	14.3	24	4.77
ZZ83394		0.30	4.01	0.40	20.6	<0.02	<10	160	0.12	0.39	0.13	0.69	8.51	2.2	11	1.91
ZZ83395		0.50	0.19	1.64	87.1	<0.02	<10	1410	0.46	1.67	0.20	1.47	24.6	11.4	24	2.03
ZZ83396		0.41	1.44	2.00	169.5	<0.02	<10	310	0.67	1.70	0.14	0.97	30.6	10.0	34	4.98
ZZ83397		0.58	4.20	2.01	88.3	<0.02	<10	440	1.95	0.42	0.05	1.13	97.9	2.8	20	9.44
ZZ83398		0.50	5.07	2.31	63.7	<0.02	<10	480	1.22	0.48	0.11	2.19	37.1	7.0	56	10.30
ZZ83399		0.45	0.98	2.83	14.6	<0.02	<10	410	0.55	0.22	0.12	1.30	25.9	7.2	38	4.67
ZZ83400		0.52	1.02	2.90	19.2	<0.02	<10	1940	0.97	0.30	0.22	1.70	25.3	8.8	42	13.60
ZZ83401		0.52	0.63	2.18	19.7	<0.02	<10	290	0.78	0.34	0.05	0.38	22.1	6.8	43	8.41
ZZ83402		0.58	0.92	2.54	58.3	<0.02	<10	810	0.90	0.62	0.07	0.99	23.8	7.1	33	3.57
ZZ83403		0.45	1.14	2.00	24.3	<0.02	<10	310	0.37	0.39	0.08	0.40	24.9	5.2	30	4.05
ZZ83404		0.51	1.14	1.77	89.0	<0.02	<10	1360	0.82	0.57	0.34	1.44	33.9	3.8	25	3.50
ZZ83405		0.46	0.31	1.58	425	<0.02	<10	150	0.57	11.05	0.08	0.26	29.9	4.7	26	3.30
ZZ83406		0.54	2.25	2.03	268	<0.02	<10	2600	1.14	3.34	0.17	1.87	32.3	8.1	30	3.52
ZZ83407		0.38	0.16	1.42	23.4	<0.02	<10	110	0.37	0.45	0.07	0.12	23.5	3.6	24	4.85
ZZ83408		0.45	0.59	3.60	179.0	<0.02	<10	170	3.00	7.76	0.24	0.62	53.3	17.4	43	9.62
ZZ83688		0.23	0.19	1.68	22.8	<0.02	<10	270	1.62	0.14	0.57	0.19	67.6	16.0	64	9.45
ZZ83689		0.27	0.09	1.56	25.9	<0.02	<10	180	1.14	0.16	0.27	0.27	38.8	7.8	37	4.66
ZZ83690		0.30	0.13	1.33	14.7	<0.02	<10	150	0.87	0.17	0.25	0.41	36.4	7.5	44	4.19



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CERTIFICATE OF ANALYSIS WH17164296

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
ZZ83351		48.3	2.82	7.49	<0.05	<0.02	0.06	0.022	0.12	9.5	22.6	1.19	461	4.22	0.01	1.18
ZZ83352		25.8	2.51	9.66	0.05	0.07	0.02	0.022	0.14	12.3	28.2	1.24	478	2.64	0.02	1.60
ZZ83353		38.6	2.29	6.42	<0.05	0.02	0.09	0.023	0.10	6.3	17.6	0.57	1320	2.56	0.02	0.70
ZZ83354		85.8	3.95	9.12	0.07	0.04	0.08	0.030	0.21	9.2	19.9	0.59	529	5.10	0.02	1.00
ZZ83355		65.2	2.10	8.80	<0.05	0.02	0.09	0.045	0.10	11.1	28.3	0.65	310	14.15	0.02	1.01
ZZ83356		210	2.47	11.70	0.05	0.09	0.03	0.120	0.08	13.4	16.3	0.41	426	37.7	0.01	1.27
ZZ83357		28.3	1.95	6.68	<0.05	<0.02	0.07	0.082	0.05	12.3	12.7	0.32	357	7.34	0.01	0.72
ZZ83358		76.8	2.31	5.07	0.05	0.02	0.08	0.025	0.08	16.9	17.1	0.40	395	12.00	<0.01	0.83
ZZ83359		60.8	3.58	8.43	<0.05	0.02	0.11	0.024	0.04	10.2	12.8	0.16	152	9.12	0.01	1.82
ZZ83360		15.3	2.70	6.30	<0.05	0.02	0.04	0.022	0.04	11.7	21.7	0.29	279	1.57	<0.01	1.64
ZZ83361		18.6	2.67	5.56	<0.05	<0.02	0.04	0.020	0.05	12.7	19.1	0.33	243	1.38	<0.01	1.32
ZZ83362		34.1	3.29	6.22	0.05	0.02	0.04	0.030	0.08	21.5	26.4	0.43	437	2.24	0.01	1.59
ZZ83363		17.0	3.34	5.61	<0.05	<0.02	0.05	0.024	0.04	10.6	15.3	0.23	361	1.71	<0.01	1.09
ZZ83364		27.7	2.91	4.76	<0.05	<0.02	0.11	0.032	0.05	12.5	10.8	0.21	193	3.61	<0.01	0.66
ZZ83365		15.1	2.67	6.58	<0.05	<0.02	0.05	0.018	0.04	9.9	11.5	0.16	187	1.44	<0.01	1.16
ZZ83366		20.2	2.95	4.90	<0.05	0.03	0.05	0.023	0.05	13.8	19.8	0.35	267	1.14	<0.01	1.32
ZZ83367		34.4	4.34	7.49	0.05	0.02	0.11	0.030	0.08	9.4	16.8	0.21	365	2.72	<0.01	1.28
ZZ83368		29.7	3.99	6.28	0.05	0.04	0.05	0.031	0.06	12.4	30.7	0.44	259	1.61	<0.01	1.44
ZZ83369		135.0	10.85	9.23	0.09	0.05	0.06	0.060	0.13	8.9	26.3	0.55	290	2.88	<0.01	1.03
ZZ83370		43.5	5.36	7.92	0.05	<0.02	0.08	0.029	0.06	9.6	44.7	0.33	317	2.67	<0.01	1.42
ZZ83371		17.3	2.83	8.02	<0.05	<0.02	0.07	0.020	0.04	10.6	13.9	0.12	183	1.77	<0.01	1.39
ZZ83372		49.7	4.84	5.04	0.06	<0.02	0.08	0.077	0.09	18.4	14.7	0.37	472	1.79	<0.01	0.63
ZZ83394		16.4	1.30	1.81	<0.05	<0.02	0.21	0.019	0.06	4.2	1.0	0.05	371	1.33	0.01	0.19
ZZ83395		18.4	2.76	4.36	0.05	0.04	0.03	0.032	0.06	12.5	11.1	0.39	382	1.82	<0.01	0.95
ZZ83396		39.4	4.54	6.19	0.07	0.03	0.05	0.082	0.09	16.2	14.7	0.45	284	13.65	0.01	0.74
ZZ83397		83.8	3.44	6.97	0.09	0.10	0.05	0.148	0.16	67.7	11.8	0.20	170	15.75	<0.01	8.52
ZZ83398		82.7	4.85	7.38	0.15	0.03	0.12	0.081	0.14	24.7	13.0	0.27	383	35.9	<0.01	0.58
ZZ83399		19.1	3.14	6.96	0.05	0.05	0.08	0.032	0.05	13.4	15.0	0.43	214	2.10	<0.01	1.69
ZZ83400		52.6	4.60	8.79	0.07	0.03	0.05	0.061	0.13	14.1	18.6	0.37	347	12.25	0.02	1.00
ZZ83401		53.8	6.14	9.81	0.07	<0.02	0.06	0.085	0.10	12.2	13.3	0.37	224	11.10	<0.01	1.33
ZZ83402		230	6.19	7.91	0.08	0.03	0.06	0.040	0.10	13.1	15.1	0.32	412	18.35	0.01	0.86
ZZ83403		28.8	3.61	8.16	0.05	0.02	0.07	0.039	0.06	13.4	12.3	0.26	192	3.87	<0.01	1.72
ZZ83404		85.9	5.82	7.74	0.14	0.02	0.07	0.095	0.15	19.7	9.3	0.21	180	47.3	0.01	0.36
ZZ83405		19.2	3.43	8.35	0.05	<0.02	0.08	0.023	0.06	15.5	17.0	0.26	255	2.36	0.01	0.94
ZZ83406		73.5	3.60	5.79	0.07	0.02	0.09	0.064	0.08	17.4	14.3	0.37	317	11.50	0.02	0.41
ZZ83407		19.3	3.48	7.08	<0.05	<0.02	0.11	0.027	0.06	12.4	17.0	0.22	221	1.99	0.01	0.76
ZZ83408		76.8	10.15	8.81	0.13	0.10	0.09	0.027	0.11	24.4	18.9	0.47	340	4.14	0.02	1.88
ZZ83688		48.8	3.25	7.07	0.09	0.03	0.03	0.023	0.21	34.3	27.7	0.83	497	1.37	0.01	3.45
ZZ83689		26.1	2.89	6.03	0.06	0.03	0.03	0.021	0.09	20.8	18.8	0.57	251	1.98	0.01	2.21
ZZ83690		22.2	2.83	6.44	0.06	0.03	0.02	0.020	0.08	19.5	14.9	0.56	285	2.33	<0.01	2.32



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005	
ZZ83351	40.2	900	17.3	23.5	<0.001	0.08	1.78	1.7	1.0	0.5	81.9	<0.01	0.09	0.5	0.061	
ZZ83352	25.2	650	13.8	24.2	<0.001	0.08	1.43	3.0	0.6	0.8	71.2	<0.01	0.09	2.5	0.104	
ZZ83353	30.9	1600	19.2	14.9	<0.001	0.18	1.91	1.0	1.4	0.4	101.0	<0.01	0.06	0.3	0.036	
ZZ83354	71.3	1850	34.0	19.5	<0.001	0.14	3.34	2.5	3.2	0.3	209	0.01	0.13	2.2	0.053	
ZZ83355	60.6	990	96.9	13.1	0.001	0.07	3.75	1.8	2.9	0.5	108.0	0.01	0.14	1.0	0.045	
ZZ83356	565	2020	71.1	9.7	0.002	0.04	3.47	3.5	3.3	0.7	61.9	0.02	0.50	3.2	0.054	
ZZ83357	67.0	1450	23.8	5.9	<0.001	0.05	1.66	1.3	0.6	0.7	35.3	0.01	0.55	0.7	0.032	
ZZ83358	70.1	1640	10.6	11.8	0.001	0.02	3.71	2.8	1.7	0.5	34.0	<0.01	0.17	1.6	0.041	
ZZ83359	18.7	770	16.3	6.8	<0.001	0.09	1.79	1.4	2.9	0.9	24.7	0.01	0.18	0.7	0.061	
ZZ83360	16.2	430	11.1	10.8	<0.001	0.02	0.77	2.6	0.7	0.6	10.5	0.01	0.03	2.3	0.050	
ZZ83361	17.7	550	12.1	10.0	<0.001	0.03	0.73	1.9	0.8	0.5	11.9	<0.01	0.06	0.9	0.045	
ZZ83362	24.8	1110	17.1	20.9	0.001	0.04	1.51	2.1	2.1	0.8	20.0	<0.01	0.06	1.2	0.062	
ZZ83363	17.8	600	13.4	10.5	<0.001	0.04	1.32	1.6	0.6	0.5	12.3	<0.01	0.05	1.3	0.039	
ZZ83364	15.3	730	21.0	8.8	<0.001	0.06	3.30	0.9	1.8	0.6	20.4	<0.01	0.06	0.3	0.027	
ZZ83365	9.9	410	11.1	8.7	<0.001	0.03	0.70	1.2	0.7	0.6	10.2	<0.01	0.04	0.4	0.044	
ZZ83366	20.1	580	9.0	10.2	<0.001	0.02	1.11	2.4	0.9	0.4	24.0	<0.01	0.03	3.8	0.048	
ZZ83367	13.3	1050	12.1	14.1	0.001	0.09	0.97	1.6	1.6	0.5	26.7	<0.01	0.07	0.7	0.062	
ZZ83368	31.1	460	9.3	12.5	<0.001	0.03	1.00	3.1	1.1	0.5	15.0	0.01	0.05	2.5	0.060	
ZZ83369	49.1	1510	14.6	18.6	<0.001	0.21	2.45	3.1	4.5	0.4	34.3	<0.01	0.10	2.8	0.039	
ZZ83370	21.4	840	10.0	13.7	<0.001	0.07	2.43	2.1	1.4	0.6	15.2	<0.01	0.09	1.9	0.043	
ZZ83371	8.8	520	9.0	8.7	<0.001	0.04	0.64	1.4	0.6	0.7	9.1	<0.01	0.05	0.8	0.049	
ZZ83372	24.9	1490	57.8	13.7	<0.001	0.07	5.96	2.3	2.3	0.6	19.0	<0.01	0.11	1.6	0.041	
ZZ83394	6.7	1510	17.1	5.7	<0.001	0.14	1.04	0.3	0.7	0.4	15.2	<0.01	0.05	<0.2	0.011	
ZZ83395	29.0	1140	13.6	7.0	0.001	0.04	1.36	2.6	1.5	0.4	26.0	0.01	0.23	2.6	0.047	
ZZ83396	27.6	1960	44.1	11.4	0.001	0.10	5.65	2.7	6.5	0.5	34.8	<0.01	0.37	1.2	0.045	
ZZ83397	17.3	960	434	35.0	0.001	0.17	10.30	2.1	10.7	6.2	32.5	0.01	0.15	26.1	0.019	
ZZ83398	29.0	2360	47.8	23.4	0.001	0.23	38.9	2.4	33.4	0.5	30.7	<0.01	0.42	1.0	0.026	
ZZ83399	22.3	700	10.6	11.3	<0.001	0.02	1.17	4.1	1.6	0.6	15.1	0.01	0.04	3.5	0.067	
ZZ83400	38.8	2950	20.2	15.8	0.001	0.19	4.84	3.8	7.4	0.7	85.5	0.01	0.12	2.1	0.045	
ZZ83401	29.7	1050	42.9	13.4	0.001	0.14	7.85	3.2	3.7	0.6	20.6	<0.01	0.14	2.2	0.055	
ZZ83402	72.6	1400	22.5	12.0	0.001	0.16	12.50	2.2	9.9	0.5	39.1	<0.01	0.16	2.5	0.027	
ZZ83403	13.9	700	17.5	9.2	0.001	0.05	2.73	2.7	4.2	0.7	30.8	0.01	0.11	2.7	0.061	
ZZ83404	31.8	3310	41.8	10.1	0.002	0.28	37.1	1.1	26.0	0.8	96.8	<0.01	0.69	0.4	0.026	
ZZ83405	13.0	600	15.2	12.7	<0.001	0.07	1.42	1.6	2.1	0.7	29.2	<0.01	1.23	0.6	0.059	
ZZ83406	33.0	1830	23.6	12.4	<0.001	0.10	6.70	1.5	5.7	0.5	43.7	<0.01	0.47	0.4	0.030	
ZZ83407	10.0	700	13.1	11.4	0.001	0.08	0.85	1.2	0.8	0.6	22.3	<0.01	0.10	0.2	0.048	
ZZ83408	56.0	1590	51.9	10.7	0.001	0.25	2.32	4.1	10.3	0.5	146.5	0.01	0.51	7.7	0.073	
ZZ83688	26.2	1760	15.3	47.4	0.001	0.02	0.82	3.7	0.5	0.8	32.1	<0.01	0.04	4.6	0.174	
ZZ83689	20.7	960	12.6	22.9	<0.001	0.02	0.65	2.4	0.5	0.6	22.6	<0.01	0.03	2.2	0.105	
ZZ83690	19.8	840	10.5	29.1	<0.001	0.02	0.88	2.5	0.4	0.8	18.3	<0.01	0.04	1.8	0.127	



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Au- ICP21	
		Tl	U	V	W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	1	0.05	0.05	2	0.5	0.001
ZZ83351		0.17	1.30	63	0.26	5.27	207	0.5	0.003
ZZ83352		0.17	1.02	74	0.39	3.98	117	3.3	0.001
ZZ83353		0.17	1.13	44	0.27	3.89	197	0.6	<0.001
ZZ83354		0.27	3.42	40	0.24	9.57	379	1.6	0.007
ZZ83355		0.21	5.72	101	0.29	8.11	644	0.9	0.007
ZZ83356		0.10	112.5	120	1.88	12.25	1620	3.1	0.015
ZZ83357		0.10	3.76	171	1.91	8.76	635	<0.5	0.017
ZZ83358		0.22	5.68	245	0.53	12.85	603	0.8	0.005
ZZ83359		0.21	1.95	102	0.43	3.12	106	1.1	0.021
ZZ83360		0.17	0.73	59	0.31	2.75	51	0.9	<0.001
ZZ83361		0.14	0.99	53	0.30	3.52	58	<0.5	0.002
ZZ83362		0.23	1.92	64	0.55	7.19	112	1.1	0.002
ZZ83363		0.17	0.65	56	0.29	2.57	68	<0.5	0.002
ZZ83364		0.19	1.24	51	0.41	2.90	93	<0.5	0.006
ZZ83365		0.14	0.54	59	0.26	2.01	43	<0.5	0.001
ZZ83366		0.13	0.87	47	0.68	4.00	61	1.3	0.006
ZZ83367		0.14	0.79	60	0.33	2.44	83	0.7	0.004
ZZ83368		0.15	0.70	58	0.32	3.46	99	1.1	0.002
ZZ83369		0.16	0.94	50	0.13	6.32	176	1.9	0.006
ZZ83370		0.20	0.62	63	0.22	2.46	73	0.6	<0.001
ZZ83371		0.13	0.53	71	0.26	1.83	48	<0.5	<0.001
ZZ83372		0.21	1.31	52	0.40	5.97	203	<0.5	0.020
ZZ83394		0.13	0.68	25	0.08	0.93	54	<0.5	0.011
ZZ83395		0.14	0.94	61	0.36	5.87	188	1.1	0.010
ZZ83396		0.30	4.31	99	0.30	9.00	136	0.8	0.019
ZZ83397		0.67	11.95	160	0.38	9.19	234	6.3	0.015
ZZ83398		1.87	7.53	287	0.54	8.49	289	0.8	0.011
ZZ83399		0.20	1.28	75	0.29	4.74	95	1.9	0.003
ZZ83400		0.49	3.22	176	0.39	7.34	200	0.9	0.003
ZZ83401		0.68	1.89	136	0.32	3.12	130	0.7	<0.001
ZZ83402		0.34	3.63	112	0.27	8.29	306	0.8	0.002
ZZ83403		0.21	1.18	90	0.26	3.22	63	1.1	0.002
ZZ83404		0.44	10.80	196	0.54	12.10	566	0.5	0.007
ZZ83405		0.21	0.94	76	0.32	3.10	50	0.5	0.003
ZZ83406		0.37	5.62	104	0.45	10.15	228	<0.5	0.009
ZZ83407		0.16	0.79	70	0.23	2.63	42	<0.5	0.004
ZZ83408		0.19	5.54	48	0.68	7.16	166	4.9	0.010
ZZ83688		0.32	2.95	91	0.33	10.55	71	1.4	0.001
ZZ83689		0.19	1.51	72	0.38	4.89	71	0.9	0.002
ZZ83690		0.21	1.46	131	0.42	4.68	101	1.0	0.001



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Sample Description	Method	WEI- 21	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41
	Analyte	Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
Units		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
LOR		0.02	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
ZZ83691		0.24	0.14	1.25	11.0	<0.02	<10	140	1.16	0.18	0.32	0.52	44.0	11.7	32	7.02
ZZ83692		0.43	0.03	1.74	10.7	<0.02	<10	120	1.50	0.15	0.35	0.12	67.2	11.6	28	3.57
ZZ83693		0.33	0.08	1.45	9.1	<0.02	<10	160	1.26	0.15	0.52	0.19	70.7	11.8	31	7.62
ZZ83694		0.27	0.13	1.58	8.8	<0.02	<10	140	0.93	0.15	0.23	0.17	43.1	11.6	25	7.90
ZZ83695		0.29	0.19	1.62	7.0	<0.02	<10	210	1.25	0.12	0.35	0.18	60.5	7.7	21	8.72
ZZ83696		0.45	0.06	1.73	8.2	<0.02	<10	190	0.86	0.14	0.59	0.09	75.6	13.1	31	12.20
ZZ83697		0.38	0.05	1.94	9.9	<0.02	<10	220	1.35	0.14	0.37	0.11	72.1	11.1	25	11.80
ZZ83698		0.30	0.07	1.66	11.0	<0.02	<10	140	1.61	0.13	0.55	0.13	73.4	11.1	21	12.35
ZZ83699		0.25	0.13	1.53	9.0	<0.02	10	120	1.11	0.14	0.19	0.19	44.9	7.6	22	11.10
ZZ83700		0.26	0.13	2.04	11.7	<0.02	<10	210	1.96	0.15	0.35	0.25	82.0	12.8	23	12.30
ZZ83701		0.27	0.08	1.96	10.6	<0.02	<10	120	1.71	0.19	0.31	0.17	78.8	11.1	25	11.70
ZZ83702		0.33	0.07	1.97	12.0	<0.02	<10	230	1.99	0.24	0.60	0.25	126.0	13.8	24	16.00
ZZ83703		0.28	0.15	1.69	20.1	<0.02	<10	150	1.83	0.36	0.34	0.22	80.8	12.2	21	14.15
ZZ83704		0.33	0.07	1.81	13.8	<0.02	<10	140	1.49	0.19	0.31	0.14	70.2	12.1	23	12.40
ZZ83705		0.31	0.11	1.83	10.9	<0.02	<10	150	1.79	0.17	0.31	0.19	81.7	12.6	34	15.30
ZZ83721		0.28	0.08	1.89	8.8	<0.02	<10	130	1.52	0.15	0.29	0.17	63.3	9.7	26	10.05
ZZ83722		0.35	0.13	1.66	9.3	<0.02	<10	220	1.28	0.14	0.45	0.22	91.6	10.6	24	8.07
ZZ83723		0.35	0.11	1.94	15.5	<0.02	<10	200	2.32	0.25	0.72	0.20	124.0	12.6	40	12.30
ZZ83724		0.36	0.05	1.78	10.2	<0.02	<10	180	1.39	0.18	0.35	0.18	83.4	12.9	26	9.98
ZZ83725		0.39	0.08	1.61	14.5	<0.02	<10	170	2.25	0.22	0.24	0.17	42.9	12.0	27	9.77
ZZ83726		0.25	0.08	1.59	16.0	<0.02	10	150	2.79	0.19	0.63	0.47	85.2	11.3	29	16.75
ZZ83727		0.38	0.12	1.55	16.5	<0.02	<10	210	1.98	0.23	0.45	0.18	47.0	12.1	30	9.61
ZZ83728		0.29	0.12	1.37	13.4	<0.02	<10	100	0.94	0.30	0.10	0.46	26.1	6.4	27	8.52
ZZ83729		0.20	0.22	1.61	38.4	<0.02	<10	230	2.15	0.27	0.49	0.55	59.6	15.3	40	9.90
ZZ83730		0.36	0.11	1.52	55.1	0.04	<10	200	2.50	0.33	0.57	0.27	75.8	12.9	29	7.57
ZZ83731		0.21	0.11	1.12	113.0	0.12	<10	70	0.72	1.17	0.13	0.28	23.9	4.7	26	5.07
ZZ83732		0.22	0.24	1.66	61.7	0.06	<10	230	1.71	0.86	0.27	0.11	50.0	9.5	33	4.88
ZZ83733		0.29	0.12	1.68	22.0	<0.02	<10	260	1.15	0.21	0.18	0.63	30.5	10.2	27	10.10
ZZ83734		0.25	0.26	1.70	18.8	<0.02	<10	300	1.26	0.21	0.18	1.02	36.6	10.9	33	6.79
ZZ83735		0.26	0.12	0.93	18.8	<0.02	<10	200	0.43	0.31	0.11	1.48	23.4	7.1	22	3.77
ZZ83736		0.30	0.43	1.79	18.2	<0.02	<10	160	0.98	0.22	0.08	1.46	28.2	34.6	30	6.53
ZZ83737		0.22	0.17	1.39	13.8	<0.02	<10	70	0.45	0.24	0.06	0.28	20.4	3.8	23	3.10
ZZ83738		0.26	0.23	0.99	10.2	<0.02	<10	120	0.16	0.34	0.09	0.52	19.60	5.7	21	3.10
ZZ83739		0.34	0.73	2.12	30.0	<0.02	<10	530	1.61	0.63	0.20	1.27	37.7	21.9	69	9.29



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To: STRATEGIC METALS LTD.
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CERTIFICATE OF ANALYSIS WH17164296

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
		0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
ZZ83691		23.9	2.66	6.60	0.07	0.04	0.03	0.022	0.11	24.6	15.6	0.48	399	2.21	0.01	2.89
ZZ83692		23.8	3.00	5.93	0.08	0.04	0.03	0.025	0.12	36.6	20.6	0.56	422	1.19	0.01	2.31
ZZ83693		37.8	2.85	5.63	0.10	0.06	0.04	0.019	0.22	38.0	18.8	0.62	447	0.96	0.01	2.12
ZZ83694		19.4	2.93	6.10	0.06	0.03	0.03	0.021	0.13	22.8	14.2	0.49	556	1.08	0.01	1.35
ZZ83695		31.5	2.50	5.31	0.09	0.05	0.05	0.017	0.18	35.2	14.0	0.50	261	0.93	0.01	1.60
ZZ83696		22.0	3.36	6.56	0.10	0.03	0.02	0.023	0.20	39.3	16.1	0.71	628	1.11	0.01	1.74
ZZ83697		26.7	3.08	6.31	0.09	0.05	0.02	0.023	0.15	39.5	20.6	0.56	376	0.99	0.01	2.06
ZZ83698		23.5	3.04	6.69	0.10	0.03	0.03	0.020	0.17	43.4	21.1	0.54	624	1.57	0.01	2.32
ZZ83699		27.1	3.00	6.80	0.07	0.04	0.04	0.017	0.16	24.0	14.8	0.47	355	1.62	0.01	2.36
ZZ83700		39.2	3.14	6.84	0.10	0.03	0.03	0.021	0.16	44.4	20.0	0.49	712	1.20	0.01	2.19
ZZ83701		29.7	3.32	6.99	0.09	0.04	0.04	0.021	0.18	40.6	19.0	0.51	568	1.12	0.01	2.06
ZZ83702		53.3	3.48	7.21	0.14	0.08	0.02	0.021	0.33	67.0	23.1	0.63	685	1.08	0.01	3.71
ZZ83703		41.1	3.07	6.80	0.09	0.05	0.04	0.023	0.19	43.1	22.1	0.48	538	1.18	0.01	4.01
ZZ83704		33.2	2.97	6.83	0.10	0.03	0.03	0.020	0.19	37.9	22.7	0.48	561	1.12	0.01	2.96
ZZ83705		40.0	3.34	7.49	0.10	0.04	0.04	0.021	0.23	45.6	23.1	0.57	628	1.16	0.01	4.07
ZZ83721		26.2	2.93	7.00	0.08	0.06	0.03	0.021	0.16	34.6	22.8	0.46	348	1.14	0.01	4.15
ZZ83722		36.6	2.86	5.61	0.11	0.04	0.03	0.019	0.17	43.6	20.4	0.48	452	0.76	0.01	2.24
ZZ83723		33.4	3.51	7.96	0.15	0.04	0.03	0.028	0.21	65.5	39.1	0.66	543	1.79	0.01	3.97
ZZ83724		35.4	3.48	7.43	0.10	0.03	0.03	0.025	0.19	43.9	22.3	0.55	621	0.99	0.01	2.75
ZZ83725		29.3	2.99	6.80	0.06	0.02	0.04	0.024	0.08	23.0	20.5	0.48	624	1.73	0.01	1.41
ZZ83726		32.4	3.11	7.03	0.11	0.04	0.03	0.022	0.20	46.6	29.5	0.67	451	1.71	0.02	2.82
ZZ83727		33.9	2.87	6.57	0.07	0.02	0.03	0.025	0.10	25.3	20.2	0.58	664	1.34	0.01	1.55
ZZ83728		27.1	2.40	7.13	<0.05	0.03	0.08	0.024	0.08	14.8	10.5	0.37	262	1.64	0.01	2.87
ZZ83729		49.7	2.81	6.53	0.07	0.04	0.04	0.024	0.14	33.6	23.3	0.61	505	2.44	0.01	2.50
ZZ83730		43.0	2.88	6.18	0.10	0.03	0.02	0.022	0.14	42.0	27.2	0.59	452	1.94	0.02	2.40
ZZ83731		17.7	2.24	6.77	<0.05	0.08	0.09	0.023	0.08	13.2	8.5	0.25	158	1.36	0.01	4.76
ZZ83732		41.4	2.77	6.92	0.07	0.02	0.06	0.025	0.07	29.3	19.7	0.51	202	2.60	0.01	1.89
ZZ83733		29.1	2.89	5.79	<0.05	<0.02	0.03	0.027	0.09	16.4	26.2	0.42	321	2.04	0.01	1.05
ZZ83734		30.4	3.07	6.22	0.05	<0.02	0.05	0.031	0.10	18.7	21.8	0.50	390	2.61	<0.01	1.31
ZZ83735		19.0	2.84	6.32	<0.05	<0.02	0.03	0.025	0.05	12.3	8.0	0.21	273	2.46	<0.01	0.98
ZZ83736		42.6	3.59	5.98	<0.05	<0.02	0.07	0.030	0.07	13.9	31.7	0.37	732	4.15	<0.01	1.31
ZZ83737		15.1	3.42	6.64	<0.05	<0.02	0.05	0.023	0.04	10.6	22.5	0.18	178	1.60	<0.01	1.90
ZZ83738		12.0	2.47	7.75	<0.05	<0.02	0.03	0.017	0.05	10.1	7.1	0.17	410	1.64	<0.01	1.57
ZZ83739		91.3	4.29	6.68	0.07	<0.02	0.05	0.042	0.14	18.1	29.9	0.67	437	3.48	0.01	0.97



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Project: BLACK

CERTIFICATE OF ANALYSIS WH17164296

Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	
		Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
ZZ83691		17.0	1020	14.4	77.9	<0.001	0.03	1.10	2.3	0.4	0.8	24.2	<0.01	0.02	2.1	0.121
ZZ83692		17.7	1290	13.7	30.0	<0.001	0.01	0.62	3.2	0.7	0.7	20.6	<0.01	0.03	5.3	0.103
ZZ83693		21.0	1850	12.3	44.7	<0.001	0.01	0.70	2.8	0.6	0.6	28.9	<0.01	0.02	5.8	0.124
ZZ83694		13.9	990	9.6	39.0	<0.001	0.03	0.41	1.6	0.3	0.6	18.4	<0.01	0.03	0.6	0.082
ZZ83695		15.5	1380	8.4	38.5	<0.001	0.06	0.41	1.7	0.6	0.5	31.3	<0.01	0.03	0.8	0.079
ZZ83696		15.8	2070	8.2	53.4	<0.001	0.01	0.42	2.8	0.6	0.6	33.6	<0.01	0.02	1.6	0.134
ZZ83697		19.8	1550	9.9	46.4	<0.001	0.01	0.55	3.0	0.7	0.7	25.5	<0.01	0.03	3.5	0.097
ZZ83698		16.6	1600	10.4	51.1	<0.001	0.03	0.54	1.7	0.5	0.9	44.4	<0.01	0.02	1.3	0.088
ZZ83699		16.4	880	9.6	42.4	<0.001	0.05	0.54	1.4	0.5	1.0	19.2	<0.01	0.03	0.6	0.089
ZZ83700		19.2	1580	15.9	51.7	<0.001	0.03	0.61	2.0	0.7	0.9	27.0	<0.01	0.03	1.7	0.088
ZZ83701		16.3	1440	15.4	50.0	<0.001	0.04	0.58	1.4	0.6	1.1	24.2	<0.01	0.02	1.1	0.083
ZZ83702		19.3	2580	16.3	72.6	<0.001	0.01	0.67	3.3	0.7	1.2	51.7	<0.01	0.02	15.0	0.157
ZZ83703		18.5	1510	16.1	49.3	<0.001	0.03	0.72	2.2	0.7	1.1	30.4	<0.01	0.03	4.4	0.119
ZZ83704		18.7	1530	11.8	50.2	<0.001	0.02	0.63	1.9	0.8	1.0	26.7	<0.01	0.03	2.8	0.100
ZZ83705		19.3	1620	15.5	63.7	<0.001	0.04	0.66	2.0	0.8	1.2	29.0	<0.01	0.02	2.1	0.110
ZZ83721		18.0	1460	13.1	41.5	<0.001	0.02	0.66	2.6	0.9	0.9	22.8	<0.01	0.03	5.6	0.112
ZZ83722		21.5	1810	12.1	37.1	<0.001	0.02	0.70	3.2	0.8	0.6	36.2	<0.01	0.02	5.3	0.100
ZZ83723		18.7	2520	18.8	52.9	<0.001	0.04	1.01	4.0	1.3	1.0	62.4	<0.01	0.03	6.2	0.144
ZZ83724		17.7	1560	15.4	47.7	<0.001	0.04	0.77	2.5	0.9	0.9	38.1	<0.01	0.03	1.8	0.110
ZZ83725		19.3	1020	14.2	23.7	<0.001	0.04	0.72	1.9	0.9	0.8	23.7	<0.01	0.03	0.8	0.064
ZZ83726		20.1	2280	19.3	48.4	<0.001	0.04	0.87	2.6	0.7	1.4	44.6	<0.01	0.03	3.1	0.107
ZZ83727		19.2	1200	14.1	26.1	<0.001	0.05	0.68	2.2	0.8	1.0	42.4	<0.01	0.04	0.9	0.067
ZZ83728		12.9	730	14.2	22.7	<0.001	0.06	0.61	2.1	0.6	1.2	16.2	<0.01	0.04	0.4	0.087
ZZ83729		30.1	1360	16.1	31.2	<0.001	0.06	0.82	3.4	1.1	1.0	50.2	<0.01	0.04	3.0	0.095
ZZ83730		25.9	1890	14.5	26.9	<0.001	0.02	1.19	3.7	0.9	1.0	45.6	<0.01	0.05	11.0	0.107
ZZ83731		9.3	800	14.1	14.9	<0.001	0.08	0.85	1.8	0.7	1.7	14.2	0.01	0.11	1.4	0.117
ZZ83732		22.3	1160	14.5	15.2	<0.001	0.08	0.85	2.3	1.1	0.9	27.3	<0.01	0.08	1.0	0.073
ZZ83733		28.5	880	10.1	15.9	<0.001	0.04	0.95	2.2	1.2	0.6	27.2	<0.01	0.05	0.8	0.044
ZZ83734		30.1	1040	10.8	15.5	<0.001	0.05	1.62	2.3	1.9	0.6	19.4	<0.01	0.06	0.8	0.058
ZZ83735		18.2	620	14.6	10.0	<0.001	0.05	2.52	1.0	1.2	0.6	14.2	<0.01	0.06	0.3	0.045
ZZ83736		40.6	890	14.4	11.9	<0.001	0.04	1.98	2.7	1.4	0.5	11.3	<0.01	0.09	1.5	0.050
ZZ83737		10.5	470	13.2	9.2	<0.001	0.03	0.78	2.0	0.6	0.6	7.9	<0.01	0.05	2.4	0.047
ZZ83738		10.2	480	12.9	11.6	<0.001	0.03	0.71	1.3	0.4	0.9	10.4	<0.01	0.05	0.4	0.073
ZZ83739		56.4	1300	20.1	19.3	<0.001	0.13	3.55	3.1	3.8	0.8	50.1	<0.01	0.08	1.0	0.058



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Sample Description	Method Analyte Units LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	Au- ICP21	
		Tl	U	V	W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	1	0.05	0.05	2	0.5	0.001
ZZ83691		0.23	2.15	82	0.48	5.04	68	1.3	0.002
ZZ83692		0.18	2.48	60	0.35	9.41	71	2.0	0.010
ZZ83693		0.22	2.01	64	0.53	10.00	75	2.7	0.006
ZZ83694		0.23	1.33	66	0.31	5.49	60	1.2	<0.001
ZZ83695		0.25	2.09	51	0.34	8.97	56	2.1	<0.001
ZZ83696		0.26	2.13	82	0.44	9.85	70	1.3	0.001
ZZ83697		0.35	2.46	61	0.63	10.30	72	1.9	0.001
ZZ83698		0.22	3.82	63	0.66	11.20	77	1.2	0.007
ZZ83699		0.25	1.93	64	0.97	5.90	68	2.1	<0.001
ZZ83700		0.30	3.00	59	0.74	10.95	83	1.6	<0.001
ZZ83701		0.29	3.04	68	0.45	9.70	77	1.8	<0.001
ZZ83702		0.37	3.92	66	0.79	16.00	94	4.2	0.004
ZZ83703		0.32	3.02	55	0.81	10.25	70	3.0	0.003
ZZ83704		0.35	3.00	57	0.48	9.01	71	1.8	0.009
ZZ83705		0.36	3.17	61	0.48	10.60	80	2.5	<0.001
ZZ83721		0.30	2.52	57	0.47	8.18	65	3.5	<0.001
ZZ83722		0.26	2.64	53	0.36	12.40	73	1.9	0.002
ZZ83723		0.36	10.90	79	0.52	18.35	97	2.3	<0.001
ZZ83724		0.30	2.70	67	0.36	11.05	78	1.8	<0.001
ZZ83725		0.22	3.24	66	0.77	7.84	59	0.8	0.001
ZZ83726		0.34	8.57	81	0.98	11.50	107	2.9	0.001
ZZ83727		0.31	3.68	68	0.76	8.43	63	1.0	0.006
ZZ83728		0.22	1.62	69	0.59	3.35	50	1.4	0.014
ZZ83729		0.28	5.64	74	0.74	9.92	98	1.8	0.009
ZZ83730		0.24	4.81	67	0.52	11.20	79	1.9	0.032
ZZ83731		0.16	1.51	63	0.50	2.99	35	3.8	0.199
ZZ83732		0.34	4.90	75	0.39	8.40	60	1.2	0.055
ZZ83733		0.17	2.84	62	0.42	5.23	99	<0.5	0.005
ZZ83734		0.20	1.95	67	0.29	6.77	123	0.5	0.003
ZZ83735		0.15	1.12	67	0.30	3.19	89	0.6	0.003
ZZ83736		0.23	3.76	69	0.42	7.11	136	<0.5	0.003
ZZ83737		0.16	0.74	65	0.32	2.45	51	0.6	<0.001
ZZ83738		0.14	0.65	70	0.26	1.86	58	<0.5	<0.001
ZZ83739		0.29	3.01	70	0.39	14.85	225	0.6	0.005



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CERTIFICATE COMMENTS	
	<p style="text-align: center;">ANALYTICAL COMMENTS</p> <p>Applies to Method: Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g). ME- MS41</p>
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. LOG- 22 SCR- 41 WEI- 21</p> <p>Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au- ICP21 ME- MS41</p>



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CERTIFICATE WH17164308

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This report is for 8 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7- AUG- 2017.

The following have access to data associated with this certificate:

ANDREW CARNE	JOAN MARIACHER	JACK MORTON
--------------	----------------	-------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 21	Sample logging - ClientBarCode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
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
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- MS41	Ultra Trace Aqua Regia ICP- MS	

To: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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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.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS WH17164308

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	Au- ICP21 Au ppm	ME- MS41 Ag ppm	ME- MS41 Al %	ME- MS41 As ppm	ME- MS41 Au ppm	ME- MS41 B ppm	ME- MS41 Ba ppm	ME- MS41 Be ppm	ME- MS41 Bi ppm	ME- MS41 Ca %	ME- MS41 Cd ppm	ME- MS41 Ce ppm	ME- MS41 Co ppm	ME- MS41 Cr ppm
		0.02	0.001	0.01	0.01	0.1	0.02	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1
K291562		0.81	<0.001	0.40	0.28	7.3	<0.02	<10	30	0.20	0.12	0.02	0.15	4.98	1.3	19
K291563		3.51	0.001	0.04	2.59	12.1	<0.02	<10	650	0.62	0.15	0.03	0.52	39.7	7.0	27
K291564		1.77	<0.001	0.19	0.26	76.5	<0.02	<10	120	0.29	0.23	0.01	0.10	8.75	0.4	10
K291565		1.77	0.001	0.43	3.14	57.1	<0.02	10	130	1.72	0.79	1.57	0.08	39.1	9.6	38
K291566		1.32	<0.001	0.02	0.13	201	<0.02	<10	<10	0.39	0.10	0.03	0.08	2.80	0.8	13
K291567		0.94	0.001	0.09	0.23	12.0	<0.02	<10	90	0.24	0.10	0.02	0.13	13.05	1.1	15
K291568		1.22	<0.001	0.05	1.24	15.6	<0.02	<10	160	0.42	0.21	0.12	0.29	45.5	2.0	20
K291569		3.48	0.003	0.10	1.02	84.1	<0.02	<10	130	0.59	0.37	0.40	0.32	60.9	6.5	25



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Sample Description	Method Analyte Units LOR	ME- MS41 Cs ppm 0.05	ME- MS41 Cu ppm 0.2	ME- MS41 Fe % 0.01	ME- MS41 Ga ppm 0.05	ME- MS41 Ge ppm 0.05	ME- MS41 Hf ppm 0.02	ME- MS41 Hg ppm 0.01	ME- MS41 In ppm 0.005	ME- MS41 K % 0.01	ME- MS41 La ppm 0.2	ME- MS41 Li ppm 0.1	ME- MS41 Mg % 0.01	ME- MS41 Mn ppm 5	ME- MS41 Mo ppm 0.05	ME- MS41 Na % 0.01
K291562		0.88	11.7	1.24	1.22	<0.05	0.03	<0.01	0.006	0.04	2.4	8.1	0.17	100	0.40	0.01
K291563		6.31	34.6	3.84	6.96	0.05	0.02	<0.01	0.029	0.32	20.9	61.2	0.77	232	1.22	0.04
K291564		1.29	34.3	3.49	1.68	<0.05	0.12	<0.01	0.023	0.09	4.4	2.6	0.04	48	0.85	0.01
K291565		6.83	8.1	2.87	10.35	0.14	0.58	<0.01	0.007	0.31	20.4	37.2	0.92	197	1.46	0.32
K291566		0.30	5.3	1.38	0.66	<0.05	0.02	<0.01	<0.005	0.01	1.3	2.8	0.07	66	0.43	0.01
K291567		3.98	10.5	1.43	0.94	<0.05	0.06	<0.01	0.005	0.08	6.6	1.8	0.05	40	0.28	0.01
K291568		2.13	26.1	1.70	3.95	0.05	0.08	<0.01	0.024	0.30	23.9	33.7	0.49	97	1.80	0.01
K291569		2.83	30.0	1.99	4.12	0.07	0.30	<0.01	0.012	0.23	32.4	21.4	0.43	138	2.02	0.05



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Sample Description	Method	Analyte	Units	LOR	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41	ME- MS41			
					Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
					ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
					0.05	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2
K291562					<0.05	7.6	140	15.9	3.0	<0.001	0.02	4.92	0.8	0.3	0.2	2.6	<0.01	0.01	0.8
K291563					<0.05	42.4	370	6.9	24.2	0.002	0.12	0.42	7.0	0.6	0.2	14.3	<0.01	0.03	5.8
K291564					0.07	1.7	360	13.2	5.4	<0.001	0.05	3.29	0.7	2.0	0.3	13.5	<0.01	0.04	2.1
K291565					0.35	11.9	1170	5.8	30.1	0.001	1.38	1.05	6.2	11.5	0.6	214	<0.01	0.06	12.1
K291566					0.13	3.3	170	1.8	0.6	<0.001	0.02	1.52	0.4	1.9	0.2	8.1	<0.01	0.01	0.4
K291567					<0.05	5.9	150	2.7	6.8	<0.001	0.01	2.98	0.7	0.5	<0.2	3.5	<0.01	0.02	1.9
K291568					<0.05	7.7	630	5.2	18.6	<0.001	0.01	0.71	1.7	0.7	<0.2	3.9	<0.01	0.03	7.7
K291569					0.98	11.1	1000	8.1	17.2	0.001	0.37	0.74	2.2	1.3	0.9	58.1	<0.01	0.05	19.3



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CERTIFICATE OF ANALYSIS WH17164308

Sample Description	Method Analyte Units LOR	ME- MS41 Ti %	ME- MS41 Tl ppm	ME- MS41 U ppm	ME- MS41 V ppm	ME- MS41 W ppm	ME- MS41 Y ppm	ME- MS41 Zn ppm	ME- MS41 Zr ppm
		0.005	0.02	0.05	1	0.05	0.05	2	0.5
K291562		<0.005	0.06	0.40	12	0.23	1.20	33	1.2
K291563		<0.005	0.29	1.94	44	<0.05	5.96	123	0.9
K291564		<0.005	0.10	0.39	10	<0.05	0.85	21	6.2
K291565		0.136	0.56	3.36	57	0.75	10.90	31	28.0
K291566		<0.005	<0.02	0.19	2	0.09	1.03	12	0.7
K291567		<0.005	0.10	0.60	7	0.09	1.95	15	3.5
K291568		<0.005	0.16	2.00	33	0.07	8.50	41	3.3
K291569		0.081	0.15	3.94	32	0.92	10.25	62	9.8



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CERTIFICATE OF ANALYSIS WH17164308

	CERTIFICATE COMMENTS
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	ANALYTICAL COMMENTS								
Applies to Method:	Gold determinations by this method are semi- quantitative due to the small sample weight used (0.5g). ME- MS41								
	LABORATORY ADDRESSES								
Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada. <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU- 31</td> <td style="width: 33%;">CRU- QC</td> <td style="width: 33%;">LOG- 21</td> <td style="width: 33%;">PUL- 31</td> </tr> <tr> <td>PUL- QC</td> <td>SPL- 21</td> <td>WEI- 21</td> <td></td> </tr> </table>	CRU- 31	CRU- QC	LOG- 21	PUL- 31	PUL- QC	SPL- 21	WEI- 21	
CRU- 31	CRU- QC	LOG- 21	PUL- 31						
PUL- QC	SPL- 21	WEI- 21							
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Au- ICP21</td> <td style="width: 50%;">ME- MS41</td> </tr> </table>	Au- ICP21	ME- MS41						
Au- ICP21	ME- MS41								