ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8
Telephone: 604-688-2568 Fax: 604-688-2578

ASSESSMENT REPORT

describing

CORE LOGGING

at the

BOB PROPERTY

Bob 1-14 YC72674-YC72687

NTS 105G/06
Latitude 61°19'N; Longitude 131°11'W

in the

Watson Lake Mining District
Yukon Territory

Work performed from July 15 to July 18, 2017

prepared by

Archer, Cathro & Associates (1981) Limited

for

STRATEGIC METALS LTD.

by

K. Willms, B.Sc.
&
D. Walsh, B.Sc., G.I.T.

February 2018

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INTRODUCTION

The Bob property covers a lead-zinc±silver prospect located in the Pelly Mountains, immediately south of the Tintina Fault. It lies within the Cassiar Terrane, which hosts numerous carbonate replacement-style prospects, including Coeur Mining's Silvertip Mine, approximately 150 km to the south. The Bob property is wholly owned by Strategic Metals Ltd.

This report describes a work program conducted from July 15 to 18, 2017 by Archer, Cathro & Associates (1981) Limited. The program involved the re-logging of drill core from a historical drill program performed by Cominco Ltd. in 1997. While the authors did not partake in the exploration program, they did interpret all results from this work. The authors' Statement of Qualifications appear in Appendix I and a Statement of Expenditures is presented in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Bob property consists of 14 contiguous mineral claims located 94 km southeast of Ross River in southeastern Yukon, at latitude 61°19'N and longitude 131°11'W in NTS 105G/06 (Figure 1). The claims are registered with the Watson Lake Mining Recorder in the name of Archer Cathro, which holds them in trust for Strategic Metals. Claim data are listed below while the locations of individual claims are illustrated on Figure 2.

Claim Name	Grant Number	Expiry Date*
Bob 1-14	YC72674-YC72687	February 27, 2022

*Expiry date does not include 2017 work which has not yet been filed for assessment credit.

In 2017, historical drill core was transported via flatbed truck from the Kudz Ze Kyah property, where it was previously stored, to the Archer Cathro compound in Whitehorse. A logging crew was housed at the Archer Cathro compound, where the core was re-logged and re-sampled, and is currently stored.

The Bob property lies within the traditional territory of the Kaska Dena Council (KDC), which has not yet concluded a land claim agreement with Yukon Territory. The property is subject to Class 1 notification requirements for work conducted within KDC traditional territory.

HISTORY AND PREVIOUS WORK

The Bob area was first staked in 1961 as the Red claims by Cassiar Asbestos Corporation. Cassiar performed hand trenching, but no results were reports.

The area was re-staked by prospectors in 1966 (Tintina claims), 1971 (Herb claims) and 1974 (Jen claims), but no work was reported and no results were released.

In 1977, Cominco Ltd. re-staked the area as the Nole claims and carried out soil geochemical sampling and geological mapping. This work delineated a 1000 m by 100 m roughly west-trending coincident lead-zinc soil geochemical anomaly (Paterson, 1978). Results from this sampling are discussed in the Soil Geochemistry section below. Following this work the Nole claims were allowed to lapse.

In 1987, the Geological Survey of Canada (GSC) conducted reconnaissance-scale stream sediment sampling on NTS map sheet 105G. A sample taken from a creek draining the Bob property returned 2400 ppm lead and 8500 ppm zinc (Friske et al, 1987).

Cominco re-staked the area in 1989 as the Val claims, and in 1990, it conducted horizontal loop electromagnetic (HLEM) and magnetic surveys. Several HLEM conductors were reported, while the magnetic data produced weak response that was attributed to changes in rock type (MacRobbie, 1990).

In 1997, Cominco completed two diamond drill holes (totalling 213.3 m) to test beneath the lead-zinc soil geochemical anomaly, a large area of ferricrete, and an HLEM conductor. Cominco did not release any data pertaining to hole NO97-01 and released drill logs for hole NO97-02 with no assays. Logs for NO97-02 describe two to five percent fine grained, disseminated pyrite and rare sphalerite, which occurs as stratiform mineralization within a syncline. The drill core was transported to the Kudz Ze Kyah property for storage. Thirty-four contour soil samples were also collected during the drill program. Results from this sampling are described in the Soil Geochemistry section of this report (MacRobbie, 1998). Following this work, the Val claims were allowed to lapse.

In fall 2007, Strategic Metals staked the Bob claims and in summer 2008 it contracted Archer Cathro to complete geological mapping, prospecting and geochemical sampling. It also contracted Geotech Ltd. of Aurora, Ontario to perform a helicopter-borne versatile time electromagnetic (VTEM) survey over the property (Smith, 2008). Results from this work are described in the appropriate sections below.

In summer 2012, Strategic Metals reconstructed a historical drill pad in preparation for future work (Montague, 2013).

GEOMORPHOLOGY

The Bob property is located in the St. Cyr Range of the Pelly Mountains. Creeks draining the property flow north into the Hoole River, part of the Yukon River watershed. The closest lake, Half Moon Lake, is located one and a half kilometres to the north of the property.

Topography in the area is characterized by rocky slopes giving way to gently sloped drainages, with elevations ranging from 1250 m to 1750 m above sea level (asl). Lower elevations are vegetated with spruce forests, thick buckbrush and slide alder surrounded by moss. Higher elevations exhibit talus slopes with intermittent grass and alpine heather. Outcrop is mostly restricted to ridge crests and steep slopes. Tree line is at 1430 m.

The climate in the Bob area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, snow can occur in any month. The property is mostly snow free from early June to late September.

REGIONAL GEOLOGY

In 1977, the Geological Survey of Canada published a geological map of the Finlayson Lake area (NTS map sheet 105G) at 1:250,000 scale (Tempelman-Kluit, 1977). The Yukon Geological Survey remapped the Finlayson Lake area at 1:50,000 scale in the mid-1990s (Murphy et al, 2002). The regional lithological units, as updated by Gordey and Makepeace (2003) and Yukon Geological Survey (2017), are shown on Figure 3 and described below in Table I.

The Bob property lies within the Cassiar Platform, roughly two kilometres southwest of the Tintina Fault (Figure 4). The Tintina Fault is a complex, northwest-trending transcurrent fault that produced approximately 425 km of dextral strike-slip offset during the Eocene (Colpron et al., 2005; Nelson and Colpron, 2007). Locally, it juxtaposes arc and back-arc rocks of Yukon-Tanana Terrane (YTT) to the northeast against continental margin sedimentary rocks of Cassiar Platform to the southwest. Mapping by the Geological Survey of Canada (GSC) has identified a series of secondary faults that are orientated sub-parallel to the Tintina Fault in the vicinity of the Bob property (Templeman-Kluit, 1977). The largest of these faults is the St Cyr Fault, which separates a sliver of off-shelf continental margin rocks that are designated as the St Cyr sub-terrane, from the main body of Cassiar Terrane further to the west.

Table I – Regional Lithological Units (*After Gordey and Makepeace, 1999*)

Map Suite	Age	Map Unit	Description
Earn Group	Upper Devonian to Lower Mississippian	DMEC1	(DMEC) Consists upwards of dark clastic rock. (1) Dark grey, recessive weathering, thin-bedded, black siliceous slate with interbeds and members of quartz-chert greywacke, chert granule grit and chert pebble to cobble conglomerate; may include lenses of intermediate to felsic volcaniclastic rocks.
Grass Lakes Suite **(YTT)**	Upper Devonian to Lower Mississippian	DMqG	(DMG) Mainly augen granite. (q) Foliated, coarse-grained, K-feldspar-augen metagranite
Askin Group	Upper Silurian to Upper Devonian	SDA1	(SDA) Platy dolomitic siltstone. (1) Tan, medium grey and locally maroon weathering, light grey, thin-bedded to platy dolomitic siltstone, dolomitic fine-grained sandstone and minor silty dolomite.
		SDA2	(SDA) Platy dolomitic siltstone overlain by dolostone and orthoquartzite. (2) Medium grey to buff weathering, medium to thick-bedded dolostone, silty and sandy dolostone, limestone;

			medium to thick-bedded, medium-grained mature orthoquartzite; dolomitized laminated mudstone and dolostone with vugs, birdseye and fenestral cavities.
St. Cyr Group	Cambrian to Devonian	CDS	Poorly understood, fine clastic and carbonate assemblage with only general similarities to equivalent strata elsewhere in the Cassiar Mountains; overlain by strata typical of Earn, Tay and Jones Lake assemblages elsewhere.
		CDS1	Orange to brown weathering, recessive, medium grey interlaminated calcareous shale and silty limestone or calcareous siltstone; proportions of carbonate to clastic material varies widely; includes slaty and phyllic equivalents.
		CDS2	Orange brown weathering, recessive, thin-bedded, medium to dark grey, calcareous shale, siltstone and argillaceous limestone; includes slate and phyllite slate.
		CDS3	Black, recessive weathering, calcareous graphitic "sooty" slate and silty shale; includes thin beds of dark grey graphitic, very fine grained quartzite and black "sooty" crinoidal limestone.

The region is dominated by the Tintina Fault, which transects Grass Lakes Suite (DMqG) augen granite of the YTT to the east and St. Cyr Group (CDS) metasedimentary rocks of the Cassiar Terrane (CT) to the west. Further west of CDS, overlying siltstone, dolostone and orthoquartzite of the Askin Group (SDA) interfinger younger Earn Group (DMEC) sedimentary and volcaniclastic rocks.

PROPERTY GEOLOGY

In 1977, Cominco mapped part of the property using lithological subunits that mostly correlate to regional lithologies, as shown in Table II. In 2008, mapping was performed by Strategic Metals, focusing on areas not previously mapped by Cominco. Cominco's subunits were used in 2008 for consistency. Figure 5 is a compilation of data from both mapping programs. The property geology described below is based on the geological mapping completed during these programs.

Table II – Regional and Property Scale Lithological Subunits

REGIONAL SUBUNIT	PROPERTY SUBUNIT	DESCRIPTION
CDS2	1	Bright orange weathering siltstone
	2	Thinly bedded argillaceous limestone, limey siltstone, and shale plus grey-orange brown weathering platy phyllite
	3a	Grey to black, argillaceous, fetid, locally sandy limestone with crinoid stems and rare corals
	3b	Grey to black, carbonaceous, limey and finely laminated siltstone
	3c	Black carbonaceous, calcareous and non-calcareous siltstone and shale
SDA2	4a	Greenish to bluish grey, buff to grey weathering arenaceous dolomite, quartzite and grit
	4b	Grey-black argillaceous, fine grained, hard white quartz sandstone
	4c	Grey, light brown weathering, limey quartz arenite
not applicable	5	Dark reddish brown, iron oxide cemented talus breccia and ferricrete

Exposures on the property are limited to subunits of the St. Cyr (CDS2) and Askin (SDA2) groups. Mapping by Cominco shows stratigraphy that is dismembered by three generally northwest-trending faults. The Nole and Bob faults are the only named faults on the property (Figure 5). They are mapped as paralleling the regional structural fabric in the northwestern part of the property, but they appear to veer sharply eastward, toward the Tintina Fault, in the central part of the claim block.

The stratigraphic section southwest of the Nole Fault is composed of three subunits of CDS2 (1, 3b and 3c). Subunit 1 forms a 30 to 60 m thick horizon immediately adjacent to the fault. It is overlain by subunit 3b, which is overlain by and interdigitated with subunit 3c.

Rocks immediately north of the Nole Fault form an 80 to 120 m wide sliver that is bounded to the north by the Bob Fault. This sliver is composed of subunits belonging to CDS2 and SDA2. It abuts to the northeast against another package comprised exclusively of CDS2. A 150 m by 40 m zone of mixed iron-oxide cemented talus breccia and ferricrete (subunit 5) occurs along the Bob Fault near where it is interpreted to veer to the east.

Bedding orientations suggest that the Bob Fault has displaced stratigraphy near the axis of a northwest-trending syncline. Beds south of that fault strike 125° and dip 55° to 65° NE while beds north of the fault strike 110° and dip 48° to 76° SE. The direction and magnitude of displacement is not known for any of the faults on the property.

MINERALIZATION

Most of the known mineralization on the property is at the CAC Showing, which lies in the sliver between the St. Cyr and Bob faults. Mineralized exposures are confined to a 15 m thick package of subunit 4a. The CAC Showing is dominantly lead-zinc with accessory silver. Primary sulphide minerals (galena, sphalerite and pyrite) are often weathered to anglesite and limonite. Galena commonly occurs as finely disseminated grains and fracture- and breccia-fillings. In a few specimens, one centimetre thick wavy bands of galena surround quartz boudins. Sphalerite is medium to dark brown and occurs as discrete grains or clusters of grains, which generally follow foliation. The abundance of sphalerite increases with the presence of quartz boudins.

The iron-oxide cemented talus breccia and ferricrete that comprise subunit 5 were likely precipitated from groundwater, which passed through an oxidizing, sulphide-rich body that is blind to surface. The iron-oxide deposits lie about 100 m downhill from the CAC Showing.

In 2008, 19 rock samples were collected. Figures 6, 7 and 8 thematically illustrate lead, zinc and silver results. Of the samples collected in 2008, 11 were float samples that returned less than 1500 ppm lead, 1500 ppm zinc and 10 ppm silver (Smith, 2008). The remaining eight samples are discussed in the following paragraphs.

Three samples were collected from outcrops. The first sample contained millimetre thick galena and sphalerite stringers and hairline fracture fillings, which returned 2.04% lead, 3.19% zinc, and 26.7 g/t silver. The second outcrop hosted up to 20 cm wide bands of semi-massive galena, anglesite and limonite. A sample of this material returned 77.7% lead, 2.66% zinc, and 55.3 g/t silver. The third outcrop sample comprised semi-massive galena, anglesite and limonite. It yielded 33.9% lead, 5.33% zinc, and 537 g/t silver. A composite chip sample of galena with brown and white anglesite and small boudins of chalcedonic quartz returned 7.05% lead, 1.47% zinc, 432 g/t silver and 0.94 g/t gold. A 12 by 26 cm piece of boxwork limonite and sandy dolomite, hosting a series of parallel 2 mm to 1 cm wide massive galena bands returned 51.83% lead, 7600 ppm zinc and 231 g/t silver (Smith, 2008).

A 20 cm chip of manganese-stained ferricrete yielded 4000 ppm lead and 1.81% zinc, while a sample from a nearby outcrop of manganese-stained, orange-yellow-brown oxidized shale with no visible mineralization returned 1265 ppm lead. A composite grab sample composed of three shale fragments with limonite banding, minor quartz stringers and trace sulphides, which was collected about 100 m northwest of the CAC Showing, yielded 9400 ppm lead, 1335 ppm zinc and 8.3 g/t silver (Smith, 2008).

SOIL GEOCHEMISTRY

Cominco collected soil samples from the area of the current Bob property in 1977 and 1997. Initial sampling in 1977 identified a 1000 m by 100 m west-trending lead-zinc soil geochemical anomaly, Bob 1, which returned peak values of 1.04% lead and 2.63% zinc (Paterson, 1978). Samples collected in 1977 were not analysed for silver. The Bob 1 Anomaly is bounded by the Nole and Bob faults. Contour soil sampling done in the 1997 confirmed the intensity of the Bob 1 Anomaly, returning peak values of 2.46% lead, 3.49% zinc and 30 ppm silver (MacRobbie, 1998). .

In 2008, 127 soil samples were collected from the property. The soil sampling program was designed to confirm the location of the Bob 1 Anomaly and explore along strike of anomaly. Results from this program returned up to 5600 ppm lead, 9870 ppm zinc and 10.8 ppm silver at the Bob 1 Anomaly. Approximately 700 m to the southeast, samples returned highly anomalous lead (up to 1460 ppm) and zinc (1160 ppm) at the Bob 2 Anomaly (Smith, 2008). The Bob 2 Anomaly lies in an area with thick vegetation cover and the underlying geology is not known. Figures 9, 10 and 11 illustrate thematic soil data for lead, zinc and silver, which were compiled from 1977, 1997 and 2008 assessment reports.

GEOPHYSICS

The Bob property has been tested with ground and helicopter-borne electromagnetic and magnetic surveys. In 1990, HLEM and magnetic surveys were done over the Bob 1 soil anomaly. Several conductors were identified; however, magnetic response was weak and is attributed to changes in lithology.

In 2008, helicopter-borne VTEM and magnetic surveys were conducted over the Bob property. This data was not fully interpreted; however, preliminary analysis of magnetic data shows a positive correlation between elevated magnetism and unit CDS2. The strongest magnetic response from the survey area occurs between the northeastern property boundary and the Tintina Fault, where there is a thick section of unit CDS2. Magnetic response over unit SDA2 is relatively subdued.

Electromagnetic response is strongest southwest of the property, but a well-defined conductor was identified in the southeastern part of the claim block. This conductor is supported by the Bob 2 Anomaly (Figure 12 and Figure 13). Terrain in the vicinity of this conductor is heavily vegetated and there are no outcrops. The presence of a conductor that coincides with geochemically anomalous soil sites suggests that the Nole and Bob faults may not veer to the east, as originally mapped by Cominco, and that the mineralized trend could continue to the southeast. A slightly weaker but broader conductor lies along strike from the CAC Showing in the northwestern part of the property. This conductor coincides with an 850 m long string of moderately anomalous zinc samples.

DIAMOND DRILLING

In 1997, Cominco completed two diamond drill holes totalling 213.3 m from two drill sites. The holes tested the Bob 1 Anomaly, a large area of ferricrete and an HLEM conductor. Cominco did not release any data pertaining to hole NO97-01 and released drill logs, with no assays, for hole NO97-02.

In 2018, drill core from this program was transported to the Archer Cathro compound in Whitehorse, where hole NO97-01 was re-logged and sampled top to bottom. Where the core was whole, it was cut in half and where it was previously split, the remaining core was quartered. Splits of the core were bagged and sent for analysis, while the residual core was returned to the core boxes. Highlight intervals can be found in Table III, below.

Table III – 2017 Re-sampled Drill Hole Highlights

Hole ID	From (m)	To (m)	Interval (m)	Ag (g/t)	Pb (%)	Zn (%)
NO-97-01	26.51	32.61	6.10	10.85	0.099	3.74
	35.05	38.70	3.65	3.2	0.015	1.21
	40.23	43.89	3.66	5	0.162	1.80
	75.29	76.80	1.51	3.6	0.044	1.745
	110.60	113.32	2.72	5.8	0.712	0.734

Mineralized intervals from this hole were hosted within calc-silicate and minor mudstone horizons. Sulphide mineralization typically consisted of fine-grained disseminated pyrite and intermittent bands of fine pyrite, galena and sphalerite. Pyrite and galena were weathered to limonite and anglesite near surface. Quartz-carbonate veinlets and mild brecciation are present within the mineralized horizons, but lead and zinc are typically enriched in sulphide bands replacing calc-silicate, distal to the veining and brecciation.

Hole NO97-02 was not re-logged or re-sampled.

Drill core samples were processed in batches of 36 samples, with each batch including two standards, two blanks, one duplicate and one coarse reject duplicate for quality assurance and quality control (QAQC). Sample preparation for 2017 core samples was carried out by ALS Minerals in Whitehorse, where they were crushed to 70% passing -2 mm before a 250 g split was pulverized to better than 85% passing 75 micron. Splits of the pulverized fractions were then sent to ALS Minerals in North Vancouver, where they were dissolved in a four acid solution and analyzed for 48 elements using inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy (ME-ICP41). An additional 30 g charge was further analyzed for gold by fire assay and inductively coupled plasma-mass spectroscopy finish (Au-ICP21). Over limit analysis for lead and zinc were completed using Pb-OG46 and Zn-OG46, respectively. Certificates of Analysis are provided in Appendix III, while Geological and Geotechnical Logs are located in Appendix IV.

DISCUSSION AND CONCLUSIONS

The Bob property covers a poorly exposed lead-zinc±silver occurrence hosted in a fault-bounded sliver of calc-silicate sediments. Historical drilling on the property tested coincident HLEM and lead-zinc geochemical anomalies downslope of the CAC showing. In 2017, drill core from one of the historical holes was re-logged and sampled, confirming the presence of abundant sulphide mineralization at depth. However, none of the lead-zinc±silver intervals is ore grade.

The presence of faulting, quartz-carbonate veining, widespread calc-silicate alteration and banded sulphides suggest that mineralization at the Bob property is carbonate-replacement (CRD) style. CRD mineralization typically occurs as lead-zinc±silver bearing sulphide bands which replace carbonate-rich sedimentary or limestone sequences, with faulting acting as a structural control for redox-related replacement to occur.

Future work on the property is warranted, and should include but not be limited to: 1) infill soil sampling near the Bob 2 Anomaly; 2) prospecting and hand pitting to identify new mineral showings; and 3) diamond drilling to further test beneath various geochemical and geophysical anomalies and showings.

Diamond drilling should definitely test down dip of the CAC Showing, beneath the Bob 2 Anomaly and under the strong VTEM conductor located beneath the two geochemical soil anomalies.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

Kelson Willms, B.Sc.

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YGS

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APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Kelson Willms, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 2017 with a B.Sc in Earth and Environmental Sciences.

2. From 2015 to present, I have been actively engaged in mineral exploration in the Yukon Territory, British Columbia.

3. I have not personally participated in the fieldwork reported herein, but have interpreted all data resulting from this work.

K. Willms, B.Sc.

STATEMENT OF QUALIFICATIONS

I, Derek Walsh, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Surrey, British Columbia, hereby certify that:

1. I graduated from the Simon Fraser University in 2013 with a B.Sc. majoring in Earth Sciences.

2. From 2011 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory.

3. I have not personally participated in the field work reported herein, but have interpreted all data resulting from this work.

D. Walsh, B.Sc., GIT

APPENDIX II

STATEMENT OF EXPENDITURES

APPENDIX III

CERTIFICATES OF ANALYSIS

Statement of Expenditures
Bob 1-14 Mineral Claims
January 23, 2018

Labour

D. Eaton geologist March to November – 4 hours at $120/hr	$ 504.00
A. Carne EIT March to November – 2 hours at $92/hr	193.20
J. Morton geologist March to November 16 hours at $85/hr	1,428.00
M. Kulla field assistant March to November 24 hours at $55/hr	1,386.00
R. Ledoux field assistant March to November – 32 hours at $51/hr	1,713.60
T. Ledoux field assistant March to November 32 hours at $51/hr	1,713.60
W. Schneider expedite March to November – 17 hours at $96/hr	1,713.60
J. Mariacher office March to November – 6 hours at $90/hr	567.00
S. Newman office March to November – 7 hours at $68/hr	499.80
J. Cournoyer-Derome expedite March to November – 3 hours at $51/hr	160.65
	9,879.45

Expenses (including management)

Field room and board – 10 days at $195/day	2,203.50
ALS Chemex	1,888.12
Report preparation est.	1,400.00
	5,491.62

Total	$15,371.07

APPENDIX IV

GEOLOGICAL AND GEOTECHNICAL LOGS

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **STRATEGIC METALS LTD.**
C/ O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
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VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2017
Account: MTT

CERTIFICATE WH17148661

Project: Bob

P.O. No.: Batch 1

This report is for 36 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 19- JUL- 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
CRU- 31	Fine crushing - 70% < 2mm
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES

To: **STRATEGIC METALS LTD.**
ATTN: JOAN MARIACHER
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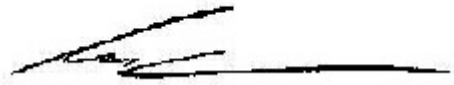
This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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Account: MTT

Project: Bob

CERTIFICATE OF ANALYSIS WH17148661

Sample Description	Method	WEI- 21	Au- ICP21	Pb- OG46	Zn- OG46	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Pb	Zn	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	0.02	0.001	0.001	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
S052302		1.54	0.001			0.5	0.10	91	<10	40	<0.5	2	5.71	2.4	8	7
S052303		0.48	<0.001			0.6	0.15	88	<10	20	<0.5	<2	5.02	3.9	4	8
S052304		2.84	0.003			4.2	0.08	21	<10	80	<0.5	<2	0.59	1.7	1	14
S052305		0.46	<0.001			2.2	0.05	25	<10	430	<0.5	<2	0.05	2.6	2	20
S052306		2.52	<0.001			2.6	0.23	44	<10	10	<0.5	<2	0.05	6.9	3	28
S052307		2.66	0.001		1.870	5.6	0.26	50	<10	10	<0.5	2	2.63	28.0	2	20
S052308		<0.02	0.001		2.07	5.6	0.25	46	<10	10	<0.5	<2	2.91	29.8	3	20
S052309		1.32	<0.001			2.6	0.25	15	<10	20	<0.5	<2	10.9	7.6	1	12
S052310		3.28	0.004		5.36	13.9	0.17	75	<10	10	<0.5	<2	0.17	87.2	3	14
S052311		3.16	0.004		2.11	7.8	0.08	52	<10	10	<0.5	2	4.57	33.1	4	12
S052312		0.34	0.092	1.950	1.950	61.6	0.87	2560	<10	70	<0.5	6	5.80	121.0	11	32
S052313		2.60	0.004			3.3	0.04	40	<10	20	<0.5	<2	15.2	15.1	5	3
S052314		1.62	0.006		1.265	3.6	0.03	52	<10	30	<0.5	<2	14.8	19.6	4	2
S052315		2.36	0.002		1.145	2.9	0.10	47	<10	40	<0.5	2	14.3	16.8	5	3
S052316		1.46	0.001			1.6	0.12	25	<10	50	<0.5	2	14.9	13.3	6	4
S052317		2.00	0.003		2.53	4.6	0.09	44	<10	30	<0.5	2	11.0	41.2	3	5
S052318		1.36	0.002		1.280	5.3	0.07	39	<10	20	<0.5	<2	12.0	18.4	4	4
S052319		1.40	<0.001			1.6	0.05	29	<10	30	<0.5	2	15.9	10.2	3	2
S052320		<0.02	<0.001			1.5	0.05	28	<10	30	<0.5	3	16.0	10.1	2	2
S052321		4.80	0.003			1.2	0.04	15	<10	60	<0.5	<2	16.5	3.5	1	3
S052322		4.92	0.002			1.0	0.06	13	<10	30	<0.5	<2	17.0	1.1	2	3
S052323		7.00	0.003			0.9	0.03	18	<10	20	<0.5	2	17.3	0.5	1	3
S052324		0.34	0.090	1.980	1.980	62.7	0.89	2590	<10	70	<0.5	5	5.87	121.5	12	33
S052325		0.84	0.002			2.1	0.03	28	<10	30	<0.5	<2	17.2	1.3	2	3
S052326		3.56	0.004		1.100	3.5	0.04	38	<10	20	<0.5	<2	14.5	23.4	2	2
S052327		1.44	<0.001			<0.2	0.02	<2	<10	20	<0.5	<2	19.6	<0.5	<1	<1
S052328		2.80	0.003			2.0	0.06	25	<10	20	<0.5	2	15.5	8.1	2	2
S052329		3.38	<0.001			5.3	0.08	27	<10	20	<0.5	2	14.9	10.4	2	2
S052330		3.48	<0.001			2.4	0.03	23	<10	20	<0.5	2	15.9	7.4	2	2
S052331		3.50	0.006			3.7	0.06	16	<10	30	<0.5	2	17.2	5.1	1	2
S052332		1.46	<0.001			<0.2	0.01	<2	<10	30	<0.5	<2	19.0	<0.5	<1	<1
S052333		3.38	0.003			3.6	0.06	16	<10	30	<0.5	2	15.1	7.4	2	2
S052334		3.46	0.003			3.6	0.03	12	<10	20	<0.5	<2	14.2	12.1	1	2
S052335		2.02	0.008		1.745	3.6	0.03	31	<10	10	<0.5	<2	9.3	25.1	5	1
S052336		1.84	0.002			5.1	0.12	12	<10	20	<0.5	<2	15.1	4.5	2	3
S052337		2.86	0.004			4.8	0.18	19	<10	20	<0.5	2	12.8	13.3	2	4

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

ALS Canada Ltd.
2103 Dollarton Hwy
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www.alsglobal.com/geochemistry

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

Finalized Date: 29- AUG- 2017
Account: MTT

Project: Bob

CERTIFICATE OF ANALYSIS WH17148661

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	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
	Units	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm
	LOR	1	0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2
S052302		10	14.75	<10	<1	0.05	<10	3.15	483	1	0.01	23	180	310	>10.0	6
S052303		10	11.35	<10	<1	0.06	<10	1.69	439	2	0.02	16	320	622	6.41	6
S052304		7	4.55	<10	2	0.01	10	0.23	105	3	0.01	6	60	635	0.76	6
S052305		4	1.62	<10	<1	0.01	<10	0.01	49	4	0.01	9	30	848	0.25	10
S052306		12	9.96	<10	1	0.01	<10	0.01	193	5	0.01	27	100	1355	>10.0	10
S052307		14	12.25	<10	3	0.01	<10	1.38	452	4	0.01	28	80	1195	>10.0	16
S052308		13	11.60	<10	3	0.01	<10	1.56	468	4	0.01	27	80	1255	>10.0	13
S052309		5	3.94	<10	<1	0.01	<10	5.80	1130	2	0.01	14	80	778	3.81	7
S052310		34	21.4	<10	9	0.01	<10	0.04	329	3	0.01	25	130	1585	>10.0	21
S052311		13	15.80	<10	3	0.01	<10	2.44	1295	3	0.01	24	130	393	>10.0	15
S052312		1010	3.29	<10	3	0.11	10	0.45	2620	4	0.04	26	600	>10000	2.62	46
S052313		6	11.40	<10	2	0.01	<10	7.35	3390	2	0.01	19	80	237	10.00	10
S052314		7	13.65	<10	4	0.01	<10	5.94	6820	1	0.01	17	40	152	>10.0	8
S052315		10	15.10	<10	2	0.01	<10	5.54	7230	2	0.01	23	90	144	9.99	10
S052316		5	11.55	<10	1	0.01	<10	6.04	7270	2	0.01	23	130	128	5.71	6
S052317		13	14.20	<10	6	0.01	<10	4.07	6400	1	0.01	24	100	222	>10.0	11
S052318		7	12.65	<10	1	0.01	<10	4.96	6010	1	0.01	19	90	2610	9.07	14
S052319		7	9.19	<10	<1	0.01	<10	7.35	4960	1	0.01	11	70	375	6.28	6
S052320		7	9.21	<10	1	0.01	<10	7.33	4930	1	0.01	12	60	263	6.42	6
S052321		2	5.92	<10	<1	0.01	<10	9.17	2120	2	0.01	8	70	107	5.45	6
S052322		2	5.92	<10	<1	0.01	<10	9.33	2450	1	0.01	10	50	95	5.84	4
S052323		2	7.47	<10	<1	<0.01	<10	8.59	3190	1	0.01	5	50	79	6.86	3
S052324		1020	3.33	<10	2	0.11	10	0.46	2650	4	0.04	27	610	>10000	2.63	48
S052325		3	10.25	<10	<1	0.01	<10	7.32	5500	2	0.01	6	60	354	7.09	5
S052326		13	13.55	<10	2	<0.01	<10	5.53	5910	1	0.01	7	50	763	>10.0	9
S052327		4	0.48	<10	<1	0.01	<10	11.60	210	<1	<0.01	1	170	3	0.04	<2
S052328		6	8.62	<10	1	<0.01	<10	7.87	2120	1	0.01	7	60	299	9.32	4
S052329		6	11.40	<10	1	0.01	<10	6.69	3780	1	0.01	7	40	1935	>10.0	9
S052330		7	11.15	<10	<1	<0.01	<10	6.94	4440	1	0.01	4	50	407	9.61	5
S052331		4	5.93	<10	<1	<0.01	<10	8.76	2050	1	0.01	4	70	6790	6.21	9
S052332		2	0.44	<10	<1	0.01	<10	11.15	198	<1	<0.01	1	150	10	0.04	<2
S052333		4	7.62	<10	1	0.01	<10	7.91	1365	1	0.01	6	70	3520	8.92	9
S052334		5	9.27	<10	1	0.01	<10	7.62	1090	1	0.01	4	70	1280	>10.0	7
S052335		12	17.90	<10	5	0.01	<10	5.35	927	1	0.01	6	50	440	>10.0	13
S052336		4	5.64	<10	<1	0.01	<10	8.31	1560	1	0.01	6	50	4010	6.19	7
S052337		6	8.90	<10	3	0.01	<10	6.69	1795	1	0.01	5	50	3730	>10.0	9

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

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VANCOUVER BC V6B 1L8

Finalized Date: 29- AUG- 2017
Account: MTT

Project: Bob

CERTIFICATE OF ANALYSIS WH17148661

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	1	1	20	0.01	10	10	1	10	2
S052302		1	204	<20	<0.01	<10	<10	12	<10	3020
S052303		1	170	<20	<0.01	<10	<10	13	<10	2630
S052304		<1	52	<20	<0.01	<10	<10	8	<10	1130
S052305		<1	47	<20	<0.01	<10	<10	12	<10	662
S052306		<1	15	<20	0.01	<10	<10	29	<10	3620
S052307		<1	26	<20	0.01	<10	<10	32	<10	>10000
S052308		<1	32	<20	0.01	<10	<10	32	<10	>10000
S052309		1	187	<20	<0.01	<10	<10	28	<10	4630
S052310		<1	17	<20	<0.01	<10	<10	17	<10	>10000
S052311		<1	107	<20	<0.01	<10	<10	18	<10	>10000
S052312		3	272	<20	0.05	<10	<10	29	10	>10000
S052313		2	330	<20	<0.01	<10	<10	29	<10	9980
S052314		2	227	<20	<0.01	<10	<10	25	<10	>10000
S052315		1	172	<20	<0.01	<10	<10	24	<10	>10000
S052316		1	210	<20	<0.01	<10	<10	25	<10	8940
S052317		1	154	<20	<0.01	<10	<10	21	<10	>10000
S052318		1	174	<20	<0.01	<10	<10	21	<10	>10000
S052319		<1	289	<20	<0.01	<10	<10	16	<10	6550
S052320		<1	285	<20	<0.01	<10	<10	15	<10	6220
S052321		1	247	<20	<0.01	<10	<10	21	<10	2120
S052322		1	263	<20	<0.01	<10	<10	19	<10	889
S052323		<1	199	<20	<0.01	<10	<10	16	<10	164
S052324		3	277	<20	0.05	<10	<10	30	10	>10000
S052325		1	189	<20	<0.01	<10	<10	20	<10	471
S052326		<1	199	<20	<0.01	<10	<10	17	<10	>10000
S052327		<1	52	<20	<0.01	<10	<10	1	<10	53
S052328		1	185	<20	<0.01	<10	<10	19	<10	4810
S052329		1	204	<20	<0.01	<10	<10	19	<10	5270
S052330		<1	210	<20	<0.01	<10	<10	10	<10	4090
S052331		1	289	<20	<0.01	<10	<10	15	<10	2310
S052332		<1	53	<20	<0.01	<10	<10	1	<10	24
S052333		1	238	<20	<0.01	<10	<10	15	<10	2950
S052334		<1	187	<20	<0.01	<10	<10	10	<10	5590
S052335		<1	177	<20	<0.01	<10	<10	14	<10	>10000
S052336		<1	144	<20	<0.01	<10	<10	17	<10	2530
S052337		<1	136	<20	<0.01	<10	<10	15	<10	6820

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

ALS Canada Ltd.

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

Project: Bob

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 29- AUG- 2017
Account: MTT

CERTIFICATE OF ANALYSIS WH17148661

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:

Au- ICP21	CRU- 31	CRU- QC	LOG- 21
LOG- 21d	LOG- 23	ME- ICP41	ME- OG46
Pb- OG46	PUL- 31	PUL- 31d	PUL- QC
SPL- 21	SPL- 21d	WEI- 21	Zn- OG46

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

Finalized Date: 5- SEP- 2017
Account: MTT

CERTIFICATE WH17158488

Project: BOB

P.O. No.: BATCH2

This report is for 27 Drill Core samples submitted to our lab in Whitehorse, YT, Canada on 31- JUL- 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- 31	Fine crushing - 70% < 2mm
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
PUL- 31d	Pulverize Split - duplicate

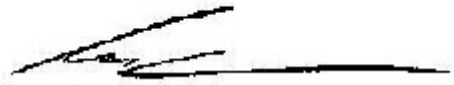
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- ICP21	Au 30g FA ICP- AES Finish	ICP- AES
ME- ICP41	35 Element Aqua Regia ICP- AES	ICP- AES
ME- OG46	Ore Grade Elements - AquaRegia	ICP- AES
Pb- OG46	Ore Grade Pb - Aqua Regia	ICP- AES
Zn- OG46	Ore Grade Zn - Aqua Regia	ICP- AES

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

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

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

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.

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VANCOUVER BC V6B 1L8

Finalized Date: 5- SEP- 2017
Account: MTT

Project: BOB

CERTIFICATE OF ANALYSIS WH17158488

Sample Description	Method	WEI- 21	Au- ICP21	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.001	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
S052338		3.18	0.001	2.4	0.07	14	<10	20	<0.5	2	14.7	11.7	1	3	3	7.89
S052339		1.29	<0.001	1.8	0.05	26	<10	20	<0.5	<2	15.2	13.3	4	3	4	8.73
S052340		1.65	0.002	3.5	0.04	60	<10	10	<0.5	4	11.0	19.3	4	3	9	18.30
S052341		3.51	<0.001	2.4	0.04	37	<10	20	<0.5	<2	14.5	4.2	3	2	5	12.65
S052342		1.51	<0.001	<0.2	0.02	<2	<10	30	<0.5	<2	19.6	<0.5	1	<1	1	0.50
S052343		3.15	0.003	4.8	0.06	50	<10	10	<0.5	4	12.1	44.8	5	2	11	15.20
S052344		7.11	0.004	2.7	0.07	33	<10	30	<0.5	<2	16.3	11.8	3	2	5	8.22
S052345		6.09	<0.001	1.2	0.05	19	<10	40	<0.5	<2	18.0	1.8	2	2	5	5.03
S052346		0.36	0.098	63.7	0.90	2400	<10	70	<0.5	6	5.73	120.5	12	32	1040	3.33
S052347		6.91	0.002	6.5	0.07	34	<10	30	<0.5	2	15.8	8.8	4	1	11	9.43
S052348		7.75	0.004	3.1	0.07	13	<10	30	<0.5	<2	16.9	8.7	1	2	4	6.75
S052349		6.75	0.001	0.6	0.11	15	<10	40	<0.5	<2	17.8	1.8	3	2	2	5.23
S052350		0.04	0.001	0.6	0.10	14	<10	50	<0.5	2	17.4	1.8	3	2	2	5.15
S052351		5.40	0.002	3.0	0.06	40	<10	20	<0.5	4	14.7	9.9	4	2	9	12.15
S052352		3.89	0.003	5.8	0.06	47	<10	20	<0.5	3	14.3	14.9	3	2	10	11.30
S052353		1.59	0.001	<0.2	0.02	<2	<10	80	<0.5	<2	19.3	<0.5	1	1	1	0.52
S052354		3.45	0.004	3.3	0.15	51	<10	40	<0.5	<2	1.47	0.5	9	15	39	4.15
S052355		1.19	0.002	0.6	0.22	38	<10	100	<0.5	<2	0.75	<0.5	5	17	22	2.19
S052356		2.56	0.004	1.1	0.51	64	10	90	0.5	<2	1.85	1.0	14	11	44	2.88
S052357		0.34	0.093	63.4	0.88	2430	<10	70	<0.5	5	5.76	121.5	11	32	1035	3.28
S052358		4.63	0.001	0.7	0.44	22	<10	390	<0.5	<2	12.8	2.8	9	7	36	2.31
S052359		5.70	0.001	0.5	0.42	13	<10	200	<0.5	<2	12.1	1.9	8	7	40	2.21
S052360		<0.02	<0.001	0.5	0.44	14	<10	210	<0.5	<2	11.9	1.7	7	7	40	2.20
S052361		2.58	<0.001	0.3	0.47	6	<10	160	<0.5	2	8.6	0.9	10	5	19	2.70
S052362		4.19	0.001	<0.2	0.48	2	<10	150	<0.5	<2	6.53	<0.5	12	5	19	3.46
S052363		2.32	<0.001	<0.2	0.49	3	<10	130	<0.5	2	6.21	<0.5	14	5	22	3.63
S052364		5.82	<0.001	<0.2	0.49	2	<10	130	<0.5	<2	3.41	<0.5	13	5	17	3.30

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

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

Finalized Date: 5- SEP- 2017
Account: MTT

Project: BOB

CERTIFICATE OF ANALYSIS WH17158488

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	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
S052338		<10	2	0.02	<10	8.02	2000	1	<0.01	4	40	1235	9.35	5	<1	135
S052339		<10	3	0.01	<10	7.75	1850	2	<0.01	8	50	344	>10.0	5	1	210
S052340		<10	6	0.02	<10	5.26	1560	2	<0.01	9	30	629	>10.0	10	<1	165
S052341		<10	2	0.01	<10	7.15	1980	2	<0.01	7	60	413	>10.0	8	<1	208
S052342		<10	<1	0.01	<10	11.45	193	<1	<0.01	1	210	2	0.05	<2	<1	53
S052343		<10	5	0.01	<10	6.14	1720	2	<0.01	12	40	1190	>10.0	14	<1	206
S052344		<10	1	0.01	<10	8.63	2320	1	<0.01	7	70	243	9.04	7	1	237
S052345		<10	<1	0.01	<10	9.68	1860	1	<0.01	8	80	127	5.24	5	1	177
S052346		<10	3	0.11	10	0.47	2640	4	0.04	27	610	>10000	2.42	48	3	281
S052347		<10	1	0.01	<10	8.37	2200	1	<0.01	8	60	3030	>10.0	12	1	194
S052348		<10	3	<0.01	<10	9.12	2140	1	<0.01	4	60	3380	6.91	6	<1	142
S052349		<10	1	0.01	<10	9.46	2760	1	<0.01	10	120	189	3.97	5	<1	181
S052350		<10	<1	0.01	<10	9.30	2710	1	<0.01	9	120	215	3.88	5	<1	177
S052351		<10	1	<0.01	<10	7.45	2370	1	<0.01	9	60	3040	>10.0	9	<1	281
S052352		<10	2	0.01	<10	6.62	2820	2	<0.01	7	70	7120	>10.0	13	<1	682
S052353		<10	<1	0.01	<10	11.45	220	<1	<0.01	2	160	42	0.10	<2	<1	58
S052354		<10	1	0.09	<10	0.10	210	32	0.01	49	270	3530	4.39	13	1	201
S052355		<10	<1	0.12	<10	0.32	114	21	0.01	35	210	188	2.07	6	1	180
S052356		<10	<1	0.26	10	0.74	174	20	0.02	61	1510	74	2.80	10	1	624
S052357		<10	3	0.11	10	0.46	2640	4	0.05	26	610	>10000	2.44	46	3	278
S052358		<10	<1	0.20	10	1.83	300	4	0.02	30	1800	30	0.81	10	3	1090
S052359		<10	<1	0.19	10	2.67	284	2	0.03	26	1930	14	0.24	2	3	647
S052360		<10	<1	0.19	10	2.65	284	2	0.03	25	1900	14	0.24	3	3	639
S052361		<10	<1	0.20	10	2.04	321	1	0.03	24	1090	9	0.32	<2	3	376
S052362		<10	1	0.22	10	1.64	328	<1	0.03	23	580	9	0.40	<2	3	242
S052363		<10	1	0.22	10	1.72	304	1	0.03	29	660	12	0.65	<2	3	316
S052364		<10	<1	0.23	10	1.58	269	<1	0.03	26	290	8	0.40	<2	3	151

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Finalized Date: 5- SEP- 2017
Account: MTT

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CERTIFICATE OF ANALYSIS WH17158488

Sample Description	Method	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	ME- ICP41	Pb- OG46	Zn- OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	0.001	0.001
S052338		<20	<0.01	<10	<10	11	<10	5480		
S052339		<20	<0.01	<10	<10	13	<10	5730		
S052340		<20	<0.01	<10	<10	11	10	>10000		1.440
S052341		<20	<0.01	<10	<10	9	<10	2370		
S052342		<20	<0.01	<10	<10	1	<10	39		
S052343		<20	<0.01	<10	<10	12	<10	>10000		1.695
S052344		<20	<0.01	<10	<10	14	<10	4200		
S052345		<20	<0.01	<10	<10	18	<10	1035		
S052346		<20	0.05	<10	<10	30	10	>10000	1.995	1.960
S052347		<20	<0.01	<10	<10	16	<10	4920		
S052348		<20	<0.01	<10	<10	7	<10	4080		
S052349		<20	<0.01	<10	<10	8	<10	697		
S052350		<20	<0.01	<10	<10	8	<10	685		
S052351		<20	<0.01	<10	<10	10	<10	5500		
S052352		<20	<0.01	<10	<10	10	<10	7340		
S052353		<20	<0.01	<10	<10	1	<10	79		
S052354		<20	<0.01	<10	10	13	<10	135		
S052355		<20	<0.01	<10	<10	48	<10	139		
S052356		<20	<0.01	<10	10	106	<10	232		
S052357		<20	0.05	<10	<10	30	10	>10000	1.985	1.955
S052358		<20	<0.01	<10	<10	35	<10	326		
S052359		<20	<0.01	<10	<10	30	<10	129		
S052360		<20	<0.01	<10	<10	31	<10	128		
S052361		<20	<0.01	<10	<10	15	<10	99		
S052362		<20	<0.01	<10	<10	7	<10	83		
S052363		<20	<0.01	<10	<10	6	<10	73		
S052364		<20	<0.01	<10	<10	5	<10	70		

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

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Project: BOB

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 5- SEP- 2017
Account: MTT

CERTIFICATE OF ANALYSIS WH17158488

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU- 31	CRU- QC	LOG- 21	LOG- 21d
	LOG- 23	PUL- 31	PUL- 31d	PUL- QC
	SPL- 21	SPL- 21d	WEI- 21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Au- ICP21	ME- ICP41	ME- OG46	Pb- OG46
	Zn- OG46			

Bob - Bob

Archer,Cathro & Associates (1981) Limited

Grid East	Grid North	Easting	Northing	Elevation	Depth (m)
					135.33

ZONE: Bob

SECTION:

HOLE: NOL-97-001

CLAIM:

Contractor: DJ Drilling

Drill: 1

Core Size: NQ2

Casing Depth:

Drilling Dates: -

Geology Logged By: M. Kulla

SURVEY			
Depth (m)	Azimuth	Dip	Method

TARGET:

SUMMARY			
From (m)	To (m)	Interval (m)	Rock Type
0	10.66	10.66	CSL
10.66	14.32	3.66	CSL
14.32	17.37	3.05	CSL
17.37	21.33	3.96	CSL
21.33	23.16	1.83	CSL
23.16	24.99	1.83	CSL
24.99	26.51	1.52	CSL
26.51	29.56	3.05	CSL
29.56	31.08	1.52	CSL
31.08	32.61	1.53	CSL
32.61	35.05	2.44	CSL
35.05	36.88	1.83	CSL
36.88	38.7	1.82	CSL
38.7	40.23	1.53	CSL
40.23	41.75	1.52	CSL
41.75	43.28	1.53	CSL

SAMPLES	
Numbers:	S052302 to S052364
Total:	63
Batch:	001, 002
Certificates:	WH17148661, WH17158488

COMMENTS

43.28	43.89	0.61	CSL
43.89	45.72	1.83	CSL
45.72	47.85	2.13	CSL
47.85	50.17	2.32	CSL
50.17	53.21	3.04	CSL
53.21	53.95	0.74	CSL
53.95	56.99	3.04	CSL
56.99	57.91	0.92	CSL
57.91	60.04	2.13	CSL
60.04	63.09	3.05	CSL
63.09	66.14	3.05	CSL
66.14	69.19	3.05	CSL
69.19	72.23	3.04	CSL
72.23	75.28	3.05	CSL
75.28	78.33	3.05	CSL
78.33	78.82	0.49	CSL
78.82	81.38	2.56	CSL
81.38	84.4	3.02	CSL
84.4	87.5	3.1	CSL
87.5	90.2	2.7	CSL
90.2	93	2.8	CSL
93	96.01	3.01	CSL
96.01	98.75	2.74	CSL
98.75	101.8	3.05	CSL
101.8	104.85	3.05	CSL
104.85	107.59	2.74	CSL
107.59	110.6	3.01	CSL
110.6	113.5	2.9	CSL
113.5	115.8	2.3	MST
115.8	118.9	3.1	MST
118.9	121.9	3	MST
121.9	124.05	2.15	MST

124.05	125.57	1.52	MST
125.57	127.1	1.53	MST
127.1	130.15	3.05	MST
130.15	132.58	2.43	MST
132.58	135.33	2.75	MST

Box Log

NOL-97-001

Bob

Bob Zone

Archer,Cathro & Associates (1981) Limited

Box Number	From (m)	To (m)
1	0	20.55
2	20.55	26.21
3	26.21	31.86
4	31.86	36.86
5	36.86	41.35
6	41.35	47.66
7	47.66	52.39
8	52.39	57.7
9	57.7	63.09
10	63.09	68.78
11	68.78	74.34
12	74.34	79.45
13	79.45	85.5
14	85.5	90.96
15	90.96	96.13
16	96.13	101.55
17	101.55	107.06
18	107.06	112.66
19	112.66	119.7
20	119.7	126.86
21	126.86	134.3
22	134.3	135.33

Box Number	From (m)	To (m)

Box Number	From (m)	To (m)

NOL-97-001

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
0.00	10.66	10.66	CSL	FG	grey to brown weathered fine grained sandy calc-silicate with joints/fractures coated in iron oxide less than 1mm thick. No visible mineralization							
						MD	GY	---				
10.66	14.32	3.66	CSL	FG	Simliar lithology to 0-10.668m							
						MD	GY					
14.32	17.37	3.05	CSL	FG	Medium to dark grey calc-silicate cut by millimetre sized quartz-carb veins. 15.81-15.94m heavily oxidize (dark brown to bright orange)							
						MD	GY				Qz	5
17.37	21.33	3.96	CSL	FG	grey fine grained mudstone/silty mudstone (?) or calc-silicate brecciated (crackle) with minor millimetre sized veinlets of quartz, rare bands of disseminated fine grained pyrite on joint/fracture surfaces							
						MD	GY				Py	1
21.33	23.16	1.83	CSL	FG	Similar lithology to 17.373-21.336m. Minor millimetre to centimetre sized quartz veinlets (white to tan-brown weathered). Rare disseminated pyrite on joint/fracture surfaces.							
						MD	GY				Py	1
23.16	24.99	1.83	CSL	VF	Similar lithology to 21.336-23.164m. Mild crackle breccia with interstitial/matrix quartz (mildly oxidized). Rare disseminated pyrite and millimetre pyrite veinlets.							
						MD	GY				Py	1
24.99	26.51	1.52	CSL	VF	Dark grey fine grained calc-silicate with minor millimetre quartz veinlets. Crackle brecciated from 26.34-26.517m. Quartz veinlets/matrix mildly oxidized.							
						MD	GY	BX				
26.51	29.56	3.05	CSL	VF	Dark grey calc-silicate with centimetre quartz veins with oxidized cavities (26.51-26.52m, 27.10-27.25m, 28.30-28.45m). Centimetre sized pyrite band (27.50-27.74m).							
								BX			Py	3
29.56	31.08	1.52	CSL	FG	Dark grey fine grained calc-silicate with minor quartz veins (up to 1cm thick). Disseminated pyrite, mild oxidation on some surfaces.							
						DK	GY	BX			Py	2

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
31.08	32.61	1.53	CSL	FG	31.089-31.61m similar lithology to 29.565-31.089m. Minor disseminated pyrite, minor iron oxides, mildly brecciated, quartz veinlets. 31.61-32.613m medium grey-brown calc-silicate bercciated with rare disseminated pyrite. Bands with unidenitified mineral at 34.50m.							
						DK	GY	BX			Py	2
32.61	35.05	2.44	CSL	FG	Dark brown to grey calc-silicate crackle brecciated with minor mm cavities 34-34.10m. Brecciated with interstitial quartz/matrix. Mine fine grained disseminated pyrite. 36-68-36.76m dark red iron oxide (hematite?).							
						DK	GY	BX			Py	5
35.05	36.88	1.83	CSL	FG	Dark grey calc-silicate (mild HCL reaction) with minor mm sized bands of pyrite. Crackle breccia with minor interstital quartz. Minor disseminated fine grained pyrite. 36.68-36.76m is oxidized to dark red.							
						MD	GY	BX			Py	2
36.88	38.70	1.82	CSL	FG	Medium grey-brown to dark grey calc-silicate crackle breccia with mild HCL reaction along fractures and cavities. Disseminated fine grained pyrite, rare anglesite on fracture surfaces, and minore iron-oxides. 38.09-38.36m has mm sided quartz veins.							
						MD	GY	BX			Py	2
38.70	40.23	1.53	CSL	FG	Medium grey-brown calc-silicate with minor disseminated fine grained pyrite, millimetre sized quartz vein/veinlets, rare dark brown oxides, and rare white precipitate. 38.87-39m has millimetre sized bands of pyrite with rare orange-red oxide coatings.							
						DK	GY	BX			Py	2
40.23	41.75	1.52	CSL	FG	Dark grey calc-silicate, mildly brecciated with millimetre sized quartz veinlets, millimetre zides fine grained pyrite bands, rare fine grained disseminated pyrite, rare carbonate blebs/crystals, and rare mild oxide coatings?							
								BX			Py	2
41.75	43.28	1.53	CSL	FG	Dark grey calc-silicate with iron-oxide coatings, rare disseminated fine grained pyrite. Poor core recovery as small fragments only.							
						DK	GY	BX			Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
43.28	43.89	0.61	CSL	FG	Dark grey calc-silicate with rare disseminated fine grained pyrite and rare millimetre sized quartz veinlets. Minor dark red coatings (hematite?) on fracture surfaces.							
											He	1
						DK	GY	BX			Py	1
43.89	45.72	1.83	CSL	FG	Dark grey calc-silicate with millimetre quartz veins (with ild oxide staining), rare disseminated fine grained pyrite, and small (<mm) rusty brown veinlets. 45.56-45.72 intense brecciation with rusty brown matrix.							
						DK	GY	BX			Py	1
45.72	47.85	2.13	CSL	FG	Dark grey brecciated calc-silicate with rare disseminated fine grained pyrite, minor millimetre quartz veinlets. 47-60-47.854m red stained iron oxide coatings (hematite?).							
						DK	GY	BX			Py	1
47.85	50.17	2.32	CSL	FG	Dark gey moderately brecciated calc-silicate with millimetre sized quartz-carbonate veinlets. 48.2-48.45m is heavily brecciated with quartz-carbonate matrix ad bands of coarsely disseminated pyrite within the breccia. 49.0m is brecciated with pyrite, quartz and carbonate.							
						DK	GY	BX			Py	2
50.17	53.21	3.04	CSL	FG	Dark grey crackle brecciated calc-silicate with rare disseminated pyrite throughout and on fracture surfaces. Rusty stained quartz-carbonate veinlets.							
						DK	GY	BX			Py	1
53.21	53.95	0.74	CSL	FG	Dark grey mildly brecciated calc-silicate with minor quartz-carbonate veinlets an rare millimetre sized veinlets with fine grained disseminated pyrite.							
						DK	GY	BX				
53.95	56.99	3.04	CSL	FG	Dark grey crackle brecciated calc-silicate with minor quartz-carbonate veinlets. 54-56.0m vein filled fractures and breccia matrix of fine grained pyrite and rare quartz-carbonate. 55.5-55.6m fine grained galena veinlet with minor pyrite.							
						DK	GY	BX			Py	10
											Gn	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
56.99	57.91	0.92	CSL	FG	Dark grey brecciated calc-silicate with fractures filled by minor carbonates, rare disseminated very fine grained pyrite, millimetre sized quartz veinlets. 57.8-57.85m a 1cm quartz-carbonate veinlet.							
						DK	GY	BX			Py	1
57.91	60.04	2.13	CSL	FG	Medium grey brecciated calc-silicate with millimetre sized quartz-carbonate veins, rare disseminated coarse gained yrite. 59.1-59.2m pyrite vein/band. 58.36m fine- to medium-grained pyrite vein, minor orange-brown surface staining, rare pale pink-red mineral in quartz-carbonate veins.							
						MD	GY	BX			Py	5
60.04	63.09	3.05	CSL	FG	Medium grey crackle brecciated calc-silicate with millimetre sized quartz-carbonate veinlets. 61.61m 5 cm pyrite vein/band. 61.66-62m pyrite band with rare coarse galena, red iron-oxide staining and rare limonite.							
						MD	GY	BX			Py	5
63.09	66.14	3.05	CSL	FG	Medium- to light-grey calc-silicate with millimetre sized quartz-carbonate veinlets and millimetre sized veinlets of fine grained pyrite. 63.24-63.45m band of brecciated pyrite with rare galena blebs. 66.5-66.142m pyrite band and rare coarse grained pyrite.							
						MD	GY	BX			Py	3
						LT	GY					
66.14	69.19	3.05	CSL	FG	Medium grey brecciated calc-silicate with millimetre sized quartz-carboante veins/veinlets. 67.85-68m fine grained pyrite band with rare galena (<1%). Breccia matrix rare dominated by pyrite. 69m orange-brown stained millimetre sized quartz-carbonate veins							
						MD	GY	BX			Py	5
69.19	72.23	3.04	CSL	FG	Medium- to light-grey brecciated calc-silicate with mm-cm sized quartz-carbonate veins/veinlets, mm sized pyrite veins/fracture fill, rare red iron oxide (hematite?). Cm scale pyrite bands/veins with rare galena blebs.							
						MD	GY	BX			Py	5
						LT	GY				Gn	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
72.23	75.28	3.05	CSL	FG	Medium-grey brecciated calc-silicate with quartz-carboante veins/veinlets up to cm scale. 73.78-73.90m fine- to medium-grained pyrite band, rare sphalerite (?, very fine grained), rare limonite.							
						MD	GY	BX			Py	5
											Sp	1
75.28	78.33	3.05	CSL	FG	Medium-grey crackle brecciated calc-silicate with minor quartz-carbonate veinlets. 76.2-76.4m band of pyrite, rare galena, rare very fine grained sphalerite. Galena blebs and mm galena veinlet.							
						MD	GY	BX			Py	5
											Sp	1
78.33	78.82	0.49	CSL	FG	Medium-grey banded/bedded calc-silicate with rare galena blebs. Poor core recovery.							
						MD	GY	BX			Gn	1
78.82	81.38	2.56	CSL	FG	Light- to medium-grey brecciated calc-silicate with cm sized pyrite bands/veins with minor galena and sphalerite., minor cm carbonate veins. 80-80.07m pyrite vein.							
											Gn	1
						LT	GY	BX			Py	5
81.38	84.40	3.02	CSL	FG	Light- to medium-grey crackle brecciated calc-silicate with pyrite veins and minor galena, sphalerite. Pyrite is present in veinlets and interstitally in the breccia.							
						LT	GY	BX			Py	3
											Gn	1
84.40	87.50	3.10	CSL	FG	Light grey brecciated calc-silicate heavily cut by pyrite-sphalerite veins with rare blebs of galena. Carbonate veinlets and rare disseminated pyrite. 87.4-87.5m banded pyrite-sphalerite vein with rare galena.							
						LT	GY	BX			Py	10
											Sp	2
87.50	90.20	2.70	CSL	FG	Light grey brecciated calc-silicate heavily cut by mm-cm sized pyrite veins/veinlets and minor carbonate matrix/veinlets. 87.5-87.61m pyrite vein with minor sphalerite. 88-88.5m pyrite vein with sphalerite.							
						MD	GY	BX			Py	20
											Sp	5

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
90.20	93.00	2.80	CSL	FG	Medium grey brecciated calc-silicate, variably brecciated with pyrite-sphalerite-galena in mm-cm sized bands/veins and minor carbonate veinlets.							
						MD	GY	BX			Py	10
93.00	96.01	3.01	CSL	FG	Medium-grey moderately brecciated calc-silicate with quartz-carbonate matrix and veinlets. Pyrite-sphalerite bands with minor orange-red iron-oxide coatings. Rare rhodochrosite.							
											Sp	1
						MD	GY	BX			Py	5
96.01	98.75	2.74	CSL	FG	Medium-grey moderately brecciated calc-silicate with minor quartz-carbonate veinlets, space-filling pyrite-sphalerite veinlets, rare disseminated fine grained pyrite. Fracture surfaces coated with red-brown (hematite?), rare stylites.							
						MD	GY	BX			Py	5
											Sp	1
98.75	101.80	3.05	CSL	FG	Medium-grey brecciated calc-silicate with quartz-carbonate veinlets and minor pyrite veinlets. 101.03-101.10m pyrite band with rare galena and cavities, rare white coatings.							
						MD	GY	BX			Py	5
											Gn	1
101.80	104.85	3.05	CSL	FG	Medium-grey brecciated calc-silicate with quartz-carbonate veinlets and breccia infill, pyrite-sphalerite veinlets, pyrite-sphalerite-galena veins with quartz-carbonate bands. 102.85-103.07m mildly banded pyrite-sphalerite-galena vein.							
											Sp	2
						MD	GY	BX			Py	10
104.85	107.59	2.74	CSL	FG	Medium-grey brown crackle brecciated calc-silicate with minor mm quartz-carboante veinlets with rare disseminated fine-grained pyrte. Red iron-oxide blebs and <mm veinlets with minor rhodochrosite. 107.09m cm sized red oxide vein/band with minor rhodochrosite, rare disseminated pyrite.							
						MD	GY	BX			Py	1

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
107.59	110.60	3.01	CSL	FG	Medium-grey brecciated calc-silicate with quartz-carbonate matrix/veinlets, iron-oxide (hematite?) matrix. Cm pyrite-sphalerite veins with rare rhodochrosite. 109.78-110m pyrite-sphalerite-rhodochrosite with quartz-carbonate veins. 110.18-110.32m and 110.42-110.50m pyrite-sphalerite with rare galena and quartz-carbonate.							
						MD	GY	BX			Py	20
											Sp	5
110.60	113.50	2.90	CSL	FG	110.6-113.19m: medium grey brecciated calc-silicate with minor quartz-carbonate veinlets, cm pyrite-sphalerite-galena bands/veinlets. 110.6-110.8m pyrite-sphalerite-galena band. 113.19-113.5m: very fine grained black mudstone with rare dissemianted pyrite and quartz-carbonate veinlets.							
						MD	GY					
						DK	BK					
113.50	115.80	2.30	MST	VF	Black finely-laminated mudstone with quartz-carboante veinlets, rare disseminated fine grained pyrite, 115.30-115.47m heavily cut by quartz-carbonate veins (mm-cm), rare rhodochrosite (?) and coarse carbonate crystals.							
						DK	BK	LA			Py	1
115.80	118.90	3.10	MST	VF	Black finely laminated mildly- to moderately-foliated mudstone with quartz-carbonate veinlets, rare chlorite alteration in areas of moderate foliation, rare blebs of orange iron-oxide staining.							
						DK	BK	LA	CHL	2I		
118.90	121.90	3.00	MST	VF	Black finely laminated mudstone with quartz-carbonate bands parallel to laminations, minor pink-red iron-carbonate/iron-oxide veinlets. 118.9-119.24m heavily foliated/wavy mudstone/quartz-carbonate							
						DK	BK	LA			Cb	30
121.90	124.05	2.15	MST	VF	Black finely laminated mudstone with quartz-carbonate bands parallel to laminations, minor pink-red iron-carbonate/iron-oxide veinlets. Rare fine very fine grained disseminated pyrite. 123.30-123.40m brecciated mudstone with quartz-carbonate matrix.							
						DK	BK	LA			Cb	30

From (m)	To (m)	Interval (m)	Rock Type	Grain Size	Description	Shade	Colour	Texture	Alteration	Intensity	Mineral	Conc.
124.05	125.57	1.52	MST	VF	Black to dark grey finely laminated mustone with minor quartz-carbonate (mm-cm) veinlets with orange iron-oxide staining.							
						DK	BK	LA			Cb	15
125.57	127.10	1.53	MST	VF	Black to dark grey finely laminated mustone with minor quartz-carbonate (mm-cm) veinlets with orange iron-oxide staining. Rare disseminated very fine grained pyrite.							
						MD	GY	LA			Cb	5
127.10	130.15	3.05	MST	VF	Black to dark grey finely laminated mustone with minor quartz-carbonate (mm-cm) veinlets with orange iron-oxide staining. Rare disseminated very fine grained pyrite. Quartz-carbonate veins variably stained by iron-oxides							
						MD	GY	LA			Py	1
130.15	132.58	2.43	MST	VF	Black-grey finely laminated mudstone/siltstone cut by quartz-carbonate(+- rhodochrosite?) veins/veinlets, rare fine- to medium-grained pyrite. Quartz-carbonate veins are variably stained by oxides.							
						MD	GY	LA			Py	1
132.58	135.33	2.75	MST	VF	Medium-grey finely laminated mudstone/siltstone, minor chlorite on fracture surfaces, quartz-carbonate veinlets and oxide stained veinlets. Rare medium grained pyrite, abundant rusty specs throughout (<mm; weathered pyrite?). 134.45-134.57m foliated/crenulated mustone and oxidized quartz-carbonate veinlets.							
						MD	GY	LA			Py	3

NOL-97-001

Bob Zone

Archer,Cathro & Associates (1981) Limited

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
0.00	10.66	10.66	1.28	12	0.22	2	0R	4H	3W	
10.66	14.32	3.66	0.4	11	0.00	0	1R	3H	3W	
14.32	17.37	3.05	2.1	69	0.10	3	1R	3H	2W	
17.37	21.33	3.96	0.8	20	0.11	3	1R	3H	1W	
21.33	23.16	1.83	1.27	69	0.77	42	0R	4H	1W	
23.16	24.99	1.83	1.61	88	0.94	51	1R	3H	1W	
24.99	29.56	4.57	0.93	20	0.00	0	1R	3H	1W	
29.56	31.08	1.52	0.75	49	0.34	22	1R	3H	1W	
31.08	32.61	1.53	1.24	81	0.43	28	1R	3H	1W	
32.61	35.05	2.44	1.98	81	0.80	33	2R	3H	1W	
35.05	36.88	1.83	1.12	61	0.45	25	2R	3H	1W	
36.88	38.70	1.82	1.4	77	0.34	19	3R	3H	1W	
38.70	40.23	1.53	0.96	63	0.35	23	2R	3H	1W	
40.23	41.75	1.52	1.23	81	0.35	23	2R	3H	1W	
41.75	43.28	1.53	0.5	33	0.00	0	3R	3H	1W	
43.28	43.89	0.61	0.35	57	0.00	0	3R	3H	1W	
43.89	45.72	1.83	0.2	11	0.12	7	3R	3H	1W	
45.72	47.85	2.13	1.96	92	1.20	56	3R	3H	1W	
47.85	50.17	2.32	1.44	62	0.56	24	2R	3H	1W	
50.17	53.21	3.04	2.92	96	1.17	38	3R	3H	1W	
53.21	53.95	0.74	0.7	95	0.60	81	2R	3H	1W	
53.95	56.99	3.04	2.78	91	2.17	71	3R	3H	1W	
56.99	57.91	0.92	0.5	54	0.21	23	2R	3H	1W	
57.91	60.04	2.13	1.45	68	0.84	39	3R	3H	1W	
60.04	63.09	3.05	2.61	86	1.53	50	3R	3H	1W	
63.09	66.14	3.05	2.63	86	1.90	62	2R	3H	1W	
66.14	69.19	3.05	2.88	94	1.82	60	2R	3H	1W	
69.19	72.23	3.04	2.71	89	1.65	54	1R	3H	1W	
72.23	75.28	3.05	2.68	88	1.35	44	2R	3H	1W	

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery %	RQD	RQD %	Reactivity	Hardness	Weathering	Comments
75.28	78.33	3.05	2.64	87	1.43	47	2R	3H	1W	
78.33	78.82	0.49	0.19	39	0.00	0	2R	3H	1W	
78.82	81.38	2.56	1.94	76	1.94	76	1R	3H	1W	
81.38	84.40	3.02	2.55	84	1.83	61	1R	3H	1W	
84.40	87.50	3.10	2.22	72	1.77	57	2R	3H	1W	
87.50	90.20	2.70	2.65	98	1.88	70	2R	3H	1W	
90.20	93.00	2.80	1.95	70	1.04	37	2R	3H	1W	
93.00	96.01	3.01	2.81	93	1.79	59	2R	3H	1W	
96.01	98.75	2.74	2.32	85	1.73	63	2R	3H	1W	
98.75	101.80	3.05	2.95	97	2.66	87	2R	3H	1W	
101.80	104.85	3.05	2.95	97	2.29	75	1R	3H	1W	
104.85	107.59	2.74	2.52	92	1.51	55	2R	3H	1W	
107.59	110.60	3.01	2.76	92	1.67	55	2R	3H	1W	
110.60	113.50	2.90	2.17	75	1.44	50	3R	3H	1W	
113.50	115.80	2.30	1.6	70	0.20	9	2R	3H	1W	
115.80	118.90	3.10	2.08	67	0.43	14	1R	3H	1W	
118.90	121.31	2.41	1.99	83	0.25	10	3R	3H	1W	
121.31	121.90	0.59	0.54	92	0.00	0	3R	3H	1W	
121.90	124.05	2.15	1.88	87	0.22	10	2R	3H	1W	
124.05	125.57	1.52	0.8	53	0.00	0	2R	3H	1W	
125.57	127.10	1.53	0.22	14	0.00	0	2R	2H	1W	
127.10	130.15	3.05	1.59	52	0.11	4	2R	3H	1W	
130.15	131.67	1.52	0.45	30	0.00	0	2R	3H	1W	
131.67	132.58	0.91	0.47	52	0.00	0	2R	2H	1W	
132.58	135.33	2.75	2.17	79	0.63	23	1R	3H	1W	

NOL-97-001

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
0.00	0.00	0.00	-QC-	0.00	0	S052324	☐	17-001		ME-8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052327	☐	17-001			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052332	☐	17-001			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052342	☐	17-002			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052346	☐	17-002		ME-8	☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052353	☐	17-002			☑	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052357	☐	17-002		ME-8	☐	☐	☐
0.00	10.66	10.66	-QC-	1.28	12	S052302	☐	17-001			☐	☐	☐
0.00	0.00	0.00	-QC-	0.00	0	S052312	☐	17-001		ME-8	☐	☐	☐
10.66	14.32	3.66	CSL, CSL	0.40	11	S052303	☐	17-001			☐	☐	☐
14.32	17.37	3.05	CSL, CSL	2.10	69	S052304	☐	17-001			☐	☐	☐
17.37	20.55	3.18	CSL, CSL	0.31	10	S052305	☐	17-001			☐	☐	☐
20.55	23.16	2.61	CSL	1.82	70	S052306	☐	17-001			☐	☐	☐
23.16	24.99	1.83	CSL	1.61	88	S052307	☐	17-001			☐	☐	☐
23.16	24.99	1.83	CSL	1.61	88	S052308	☐	17-001			☐	☐	☑
24.99	26.51	1.52	CSL, CSL	0.93	61	S052309	☐	17-001			☐	☐	☐
26.51	29.56	3.05	CSL, CSL	2.23	73	S052310	☐	17-001			☐	☐	☐
29.56	32.61	3.05	CSL, CSL	1.99	65	S052311	☐	17-001			☐	☐	☐
32.61	35.05	2.44	CSL, CSL	1.98	81	S052313	☐	17-001			☐	☐	☐
35.05	36.88	1.83	CSL, CSL	1.12	61	S052314	☐	17-001			☐	☐	☐
36.88	38.70	1.82	CSL, CSL	1.40	77	S052315	☐	17-001			☐	☐	☐
38.70	40.23	1.53	CSL, CSL	0.96	63	S052316	☐	17-001			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
40.23	41.75	1.52	CSL	1.23	81	S052317	☐	17-001			☐	☐	☐
41.75	43.89	2.14	CSL	0.85	40	S052318	☐	17-001			☐	☐	☐
43.89	45.72	1.83	CSL	0.20	11	S052319	☐	17-001			☐	☐	☐
43.89	45.72	1.83	CSL	0.20	11	S052320	☐	17-001			☐	☐	☑
45.72	47.85	2.13	CSL, CSL	1.96	92	S052321	☐	17-001			☐	☐	☐
47.85	50.17	2.32	CSL, CSL	2.30	99	S052322	☐	17-001			☐	☐	☐
50.17	53.21	3.04	CSL, CSL	2.92	96	S052323	☐	17-001			☐	☐	☐
53.21	53.95	0.74	CSL, CSL	0.70	95	S052325	☐	17-001			☐	☐	☐
53.95	56.99	3.04	CSL, CSL	2.78	91	S052326	☐	17-001			☐	☐	☐
56.99	60.04	3.05	CSL, CSL	1.45	48	S052328	☐	17-001			☐	☐	☐
60.04	63.09	3.05	CSL, CSL	2.61	86	S052329	☐	17-001			☐	☐	☐
63.09	66.14	3.05	CSL, CSL	2.63	86	S052330	☐	17-001			☐	☐	☐
66.14	69.19	3.05	CSL	2.88	94	S052331	☐	17-001			☐	☐	☐
69.19	72.24	3.05	CSL, CSL	2.71	89	S052333	☐	17-001			☐	☐	☐
72.24	75.29	3.05	CSL	2.68	88	S052334	☐	17-001			☐	☐	☐
75.29	76.80	1.51	CSL	1.48	98	S052335	☐	17-001			☐	☐	☐
76.80	78.33	1.53	CSL	1.42	93	S052336	☐	17-001			☐	☐	☐
78.33	81.38	3.05	CSL	2.88	94	S052337	☐	17-001			☐	☐	☐
81.38	84.40	3.02	CSL, CSL	2.55	84	S052338	☐	17-002			☐	☐	☐
84.40	85.50	1.10	CSL, CSL	0.95	86	S052339	☐	17-002			☐	☐	☐
85.50	87.50	2.00	CSL	1.09	55	S052340	☐	17-002			☐	☐	☐
87.50	90.20	2.70	CSL, CSL	2.16	80	S052341	☐	17-002			☐	☐	☐

From (m)	To (m)	Interval (m)	Rock Type	Recovery (m)	Recovery %	Sample Number	Not Sampled	BatchName	Batch Class	Standard	Blank	1/4 Dup	Coarse Dup
90.20	93.00	2.80	CSL, CSL	1.95	70	S052343	☐	17-002			☐	☐	☐
93.00	96.01	3.01	CSL, CSL	2.81	93	S052344	☐	17-002			☐	☐	☐
96.01	98.75	2.74	CSL, CSL	2.31	84	S052345	☐	17-002			☐	☐	☐
98.75	101.80	3.05	CSL, CSL	2.95	97	S052347	☐	17-002			☐	☐	☐
101.80	104.85	3.05	CSL, CSL	2.95	97	S052348	☐	17-002			☐	☐	☐
104.85	107.59	2.74	CSL	2.52	92	S052349	☐	17-002			☐	☐	☐
104.85	107.59	2.74	CSL	2.52	92	S052350	☐	17-002			☐	☐	☑
107.59	110.60	3.01	CSL, CSL	2.86	95	S052351	☐	17-002			☐	☐	☐
110.60	113.32	2.72	CSL, CSL	2.00	74	S052352	☐	17-002			☐	☐	☐
113.32	115.80	2.48	CSL	1.70	69	S052354	☐	17-002			☐	☐	☐
115.80	117.00	1.20	MST, MST	0.55	46	S052355	☐	17-002			☐	☐	☐
117.00	118.90	1.90	MST	1.40	74	S052356	☐	17-002			☐	☐	☐
118.90	121.31	2.41	MST, MST	1.99	83	S052358	☐	17-002			☐	☐	☐
121.31	124.05	2.74	MST	2.42	88	S052359	☐	17-002			☐	☐	☐
121.31	124.05	2.74	MST	2.42	88	S052360	☐	17-002			☐	☐	☑
124.05	127.10	3.05	MST	1.02	33	S052361	☐	17-002			☐	☐	☐
127.10	130.15	3.05	MST	1.59	52	S052362	☐	17-002			☐	☐	☐
130.15	132.59	2.44	MST, MST	0.92	38	S052363	☐	17-002			☐	☐	☐
132.59	135.33	2.74	MST	2.17	79	S052364	☐	17-002			☐	☐	☐

Sample Results

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
17-001	S052302	0.00	10.66	0.00	91	1	6	5.0	☐	☐	☐	☐	
17-001	S052312	0.00	0.00	0.09	2560	3	46	5.0	☐	☐	☐	☑ ME-8	
17-001	S052324	0.00	0.00	0.09	2590	2	48	5.0	☐	☐	☐	☑ ME-8	
17-001	S052327	0.00	0.00	0.00	1	1	1	5.0	☐	☐	☑	☐	
17-001	S052332	0.00	0.00	0.00	1	1	1	5.0	☐	☐	☑	☐	
17-002	S052342	0.00	0.00	0.00	1	1	1	5.0	☐	☐	☑	☐	
17-002	S052346	0.00	0.00	0.10	2400	3	48	5.0	☐	☐	☐	☑ ME-8	
17-002	S052353	0.00	0.00	0.00	1	1	1	5.0	☐	☐	☑	☐	
17-002	S052357	0.00	0.00	0.09	2430	3	46	5.0	☐	☐	☐	☑ ME-8	
17-001	S052303	10.66	14.32	0.00	88	1	6	5.0	☐	☐	☐	☐	
17-001	S052304	14.32	17.37	0.00	21	2	6	5.0	☐	☐	☐	☐	
17-001	S052305	17.37	20.55	0.00	25	1	10	5.0	☐	☐	☐	☐	
17-001	S052306	20.55	23.16	0.00	44	1	10	5.0	☐	☐	☐	☐	
17-001	S052307	23.16	24.99	0.00	50	3	16	5.0	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
17-001	S052308	23.16	24.99	0.00	46	3	13	5.0	☐	☑	☐	☐	
17-001	S052309	24.99	26.51	0.00	15	1	7	5.0	☐	☐	☐	☐	
17-001	S052310	26.51	29.56	0.00	75	9	21	5.0	☐	☐	☐	☐	
17-001	S052311	29.56	32.61	0.00	52	3	15	5.0	☐	☐	☐	☐	
17-001	S052313	32.61	35.05	0.00	40	2	10	5.0	☐	☐	☐	☐	
17-001	S052314	35.05	36.88	0.01	52	4	8	5.0	☐	☐	☐	☐	
17-001	S052315	36.88	38.70	0.00	47	2	10	5.0	☐	☐	☐	☐	
17-001	S052316	38.70	40.23	0.00	25	1	6	5.0	☐	☐	☐	☐	
17-001	S052317	40.23	41.75	0.00	44	6	11	5.0	☐	☐	☐	☐	
17-001	S052318	41.75	43.89	0.00	39	1	14	5.0	☐	☐	☐	☐	
17-001	S052319	43.89	45.72	0.00	29	1	6	5.0	☐	☐	☐	☐	
17-001	S052320	43.89	45.72	0.00	28	1	6	5.0	☐	☑	☐	☐	
17-001	S052321	45.72	47.85	0.00	15	1	6	5.0	☐	☐	☐	☐	
17-001	S052322	47.85	50.17	0.00	13	1	4	5.0	☐	☐	☐	☐	
17-001	S052323	50.17	53.21	0.00	18	1	3	5.0	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
17-001	S052325	53.21	53.95	0.00	28	1	5	5.0	☐	☐	☐	☐	
17-001	S052326	53.95	56.99	0.00	38	2	9	5.0	☐	☐	☐	☐	
17-001	S052328	56.99	60.04	0.00	25	1	4	5.0	☐	☐	☐	☐	
17-001	S052329	60.04	63.09	0.00	27	1	9	5.0	☐	☐	☐	☐	
17-001	S052330	63.09	66.14	0.00	23	1	5	5.0	☐	☐	☐	☐	
17-001	S052331	66.14	69.19	0.01	16	1	9	5.0	☐	☐	☐	☐	
17-001	S052333	69.19	72.24	0.00	16	1	9	5.0	☐	☐	☐	☐	
17-001	S052334	72.24	75.29	0.00	12	1	7	5.0	☐	☐	☐	☐	
17-001	S052335	75.29	76.80	0.01	31	5	13	5.0	☐	☐	☐	☐	
17-001	S052336	76.80	78.33	0.00	12	1	7	5.0	☐	☐	☐	☐	
17-001	S052337	78.33	81.38	0.00	19	3	9	5.0	☐	☐	☐	☐	
17-002	S052338	81.38	84.40	0.00	14	2	5	5.0	☐	☐	☐	☐	
17-002	S052339	84.40	85.50	0.00	26	3	5	5.0	☐	☐	☐	☐	
17-002	S052340	85.50	87.50	0.00	60	6	10	5.0	☐	☐	☐	☐	
17-002	S052341	87.50	90.20	0.00	37	2	8	5.0	☐	☐	☐	☐	

Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
17-002	S052343	90.20	93.00	0.00	50	5	14	5.0	☐	☐	☐	☐	
17-002	S052344	93.00	96.01	0.00	33	1	7	5.0	☐	☐	☐	☐	
17-002	S052345	96.01	98.75	0.00	19	1	5	5.0	☐	☐	☐	☐	
17-002	S052347	98.75	101.80	0.00	34	1	12	5.0	☐	☐	☐	☐	
17-002	S052348	101.80	104.85	0.00	13	3	6	5.0	☐	☐	☐	☐	
17-002	S052349	104.85	107.59	0.00	15	1	5	5.0	☐	☐	☐	☐	
17-002	S052350	104.85	107.59	0.00	14	1	5	5.0	☐	☑	☐	☐	
17-002	S052351	107.59	110.60	0.00	40	1	9	5.0	☐	☐	☐	☐	
17-002	S052352	110.60	113.32	0.00	47	2	13	5.0	☐	☐	☐	☐	
17-002	S052354	113.32	115.80	0.00	51	1	13	5.0	☐	☐	☐	☐	
17-002	S052355	115.80	117.00	0.00	38	1	6	5.0	☐	☐	☐	☐	
17-002	S052356	117.00	118.90	0.00	64	1	10	5.0	☐	☐	☐	☐	
17-002	S052358	118.90	121.31	0.00	22	1	10	5.0	☐	☐	☐	☐	
17-002	S052359	121.31	124.05	0.00	13	1	2	5.0	☐	☐	☐	☐	
17-002	S052360	121.31	124.05	0.00	14	1	3	5.0	☐	☑	☐	☐	

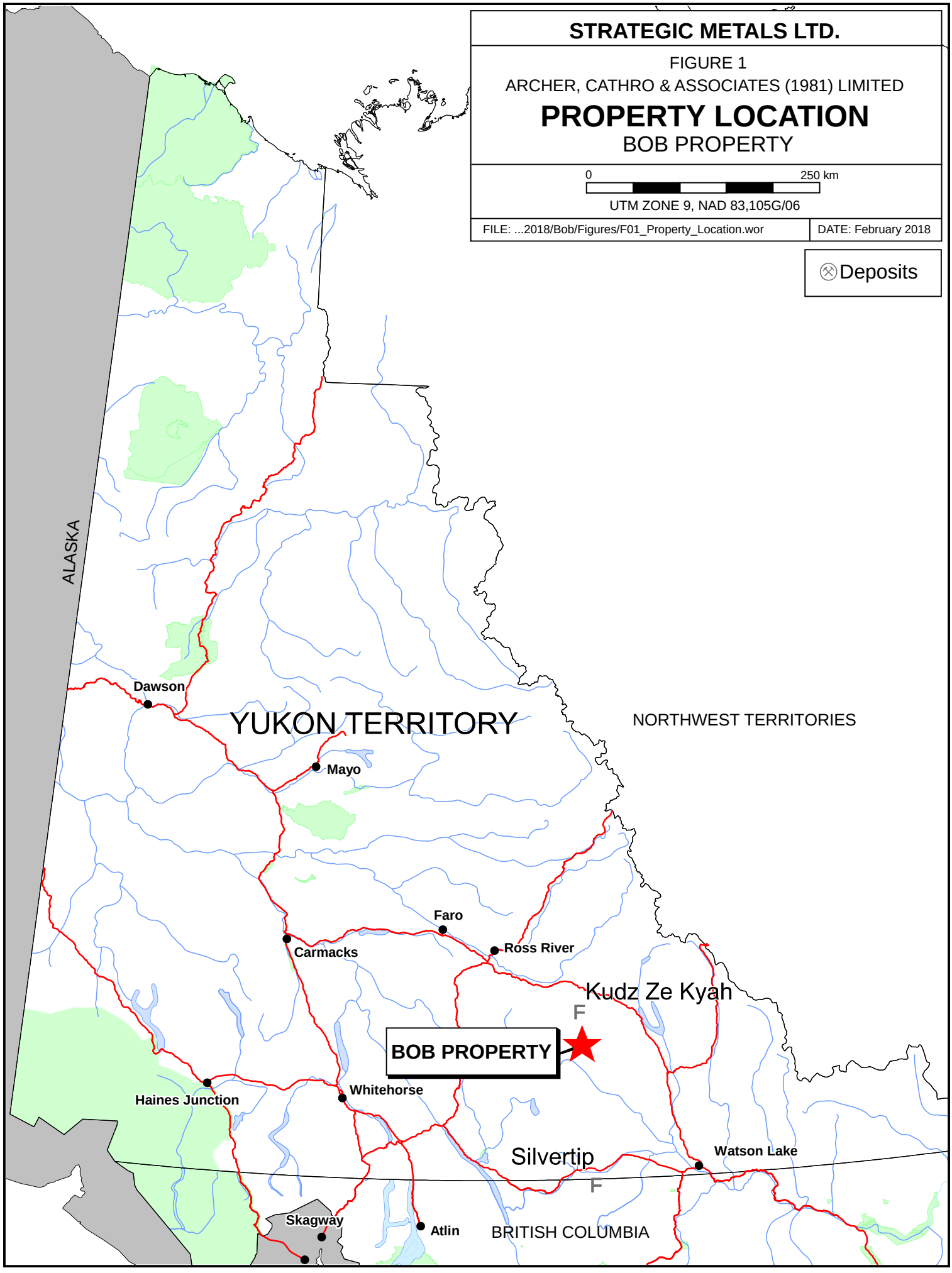
Batch	Sample	From (m)	To (m)	Au g/t	As ppm	Hg ppm	Sb ppm	Tl ppm	¼ Dup	Crs. Dup	Blk	Standard	Comments
17-002	S052361	124.05	127.10	0.00	6	1	1	5.0	☐	☐	☐	☐	
17-002	S052362	127.10	130.15	0.00	2	1	1	5.0	☐	☐	☐	☐	
17-002	S052363	130.15	132.59	0.00	3	1	1	5.0	☐	☐	☐	☐	
17-002	S052364	132.59	135.33	0.00	2	1	1	5.0	☐	☐	☐	☐	

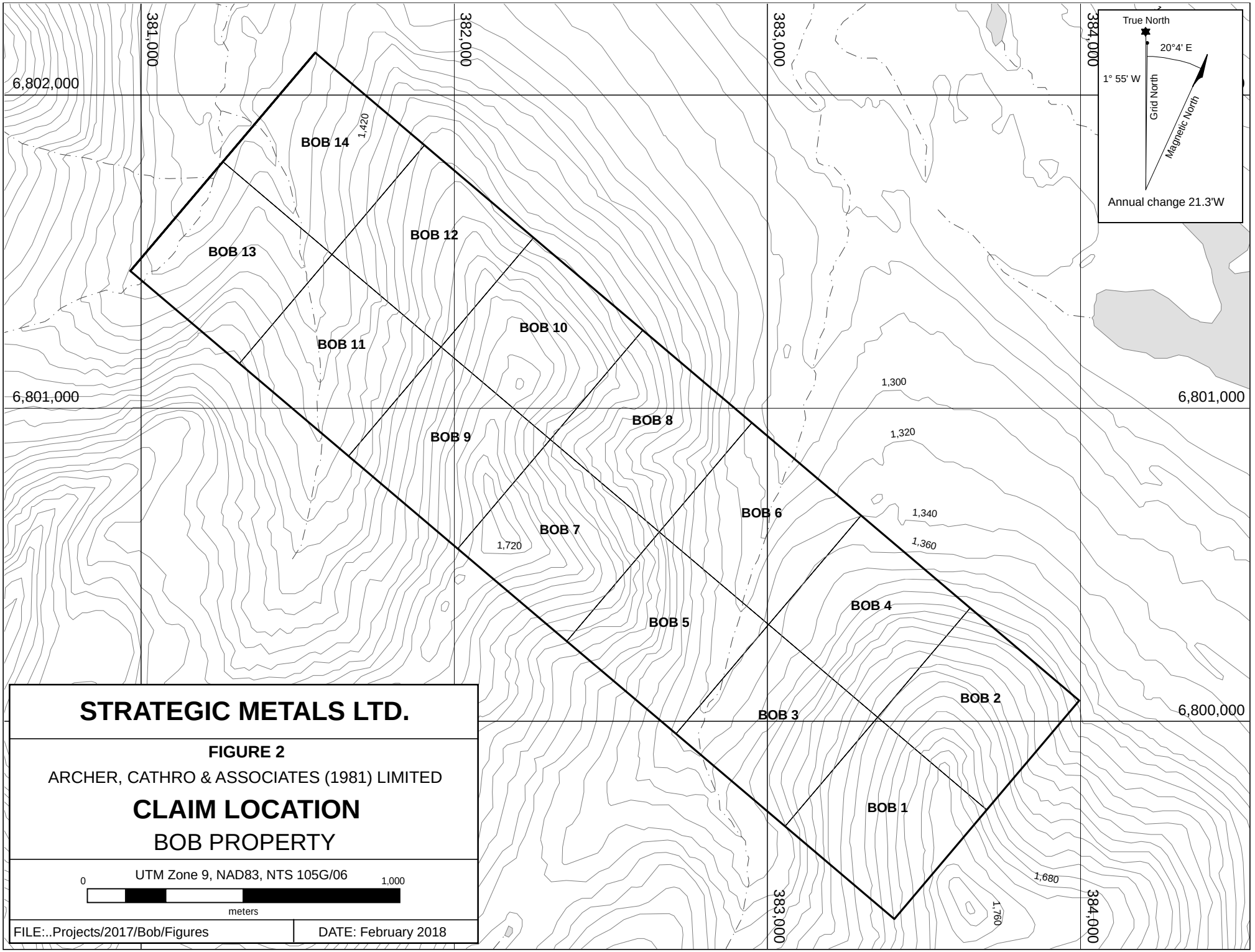
NOL-97-001

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
41.15	41.18	VN	37	130	NUL	1	Pyrite vein			
								Py	90	---
45.60	45.72	VN	37	70	NUL	3	Quartz-carbonate veinlets			
48.37	48.41	VN	37	35	NUL	1	Pyrite vein			
								Py	90	---
50.25	50.32	JT	16	120	NUL	2	Undulating joint set			
51.86	51.86	JT	16	100	NUL	1	Mineralized joing with purite band.			
52.70	52.79	FR	5	20	NUL	1	fracture			
57.13	58.22	VN	37	105	NUL	1	Pyrite and rare galena and sphalerite vein			
								Py	80	---
60.44	60.86	JT	16	80	NUL	5	Joints			
67.70	67.90	VN	37	105	NUL	1	Pyrite vein with rare galena			
68.36	68.50	JT	16	50	NUL	2	Joints			
70.57	70.85	JT	16	95	NUL	3	Joints			
70.79	70.81	VN	37	110	NUL	1	Pyrite vein with rare sphalerite and galena\			
								Py	80	---
71.27	71.29	VN	37	70	NUL	1	Pyrite vein with rare sphalerite and galena			
73.70	73.80	VN	37	120	NUL	1	Pyrite vein with rare sphalerite and galena and a large black clast			
								Py	70	---
74.86	74.88	VN	37	100	NUL	1	Quartz-carbonate vein with rhodochrosite? And pyrite			
76.17	76.38	VN	37	60	NUL	1	Pyrite vein with rare sphalerite and galena			
								Py	90	---
76.59	76.67	VN	37	50	NUL	1	Pyrite vein with black clasts, rare galena and sphalerite			
								Py	90	---
78.99	79.00	JT	16	110	NUL	1	Rough edges covered in white, undulating			
80.03	80.09	VN	37	75	NUL	1	Pyrite vein with rare galena			
								Py	85	---

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
80.57	80.62	JT	16	60	NUL	2	undulating with somewhat rough edges			
84.02	84.06	VN	37	115	NUL	1	Pyrite and rhodochrosite with rare sphalerite			
								Py	80	---
85.04	85.05	VN	37	115	NUL	1	Pyrite vein with rare galena			
								Py	90	---
85.12	85.18	VN	37	50	NUL	1	Pyrite vein with rare galena			
								Py	60	---
86.25	86.50	VN	37	90	NUL	3	three pyrite veins made upof many veinlets with the same attitude			
								Py	60	---
86.63	86.64	VN	37	100	NUL	1	Pyrite vein			
								Py	100	---
87.36	87.63	VN	37	75	NUL	1	Pyrite vein with rare sphalerite and galena			
								Py	85	---
88.07	88.08	JT	16	85	NUL	1	undulating with rough edges			
88.28	88.54	VN	37	80	NUL	1	pyrite vein with rare galena			
								Py	75	---
91.00	91.09	JT	16	60	NUL	1	planar with slickenlines			
93.80	93.81	JT	16	145	NUL	1	Pyrite vein 1cm with slickenlines			
								Py	90	---
100.78	100.79	VN	37	100	NUL	1	Pyrite-sphalerite surrounding band of quartz-carbonate			
								Sp	5	---
								Py	10	---
102.88	102.97	VN	37	90	NUL	1	Pyrite-sphalerite vein with quartz-carboante			
								Py	80	---
103.00	103.01	VN	37	100	NUL	1	pyrite-sphalerite-quartz-carbonate+-galena vein			
								Py	80	---
103.05	103.07	VN	37	110	NUL	1	Pyrite-sphalerite+-galena+-quartz-carbonate vein. Galena blebs <2%			
								Gn	2	BL
								Sp	10	---
								Py	80	---
104.80	104.83	VN	37	80	NUL	1	Pyrite-sphalerite-galena vein			

From (m)	To (m)	Structure Type	MapInfo Code	Attitude TCA	Attitude TRFE	Structure Count	Description	Mineral	Conc.	Mineral Texture
								Py	80	---
								Sp	10	---
106.21	106.26	JT	16	65	NUL	2	joint set with minor iron-oxide and a white precipitate			
109.78	110.02	VN	37	145	NUL	1	Pyrite-sphalerite-quartz-carboante-rhodochrosite(?) vein			
								Py	70	---
								Sp	10	---
110.18	110.31	VN	37	100	NUL	1	Pyrite-sphalerite-galena vein			
								Sp	5	---
								Py	90	---
110.42	110.49	VN	37	65	NUL	1	Pyrite-sphalerite-quartz-carbonate-galena vein			
110.60	110.82	VN	37	95	NUL	1	Pyrite-sphalerite-quartz-carbonate-galena vein			
								Py	80	---
								Sp	5	---


STRATEGIC METALS LTD.
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
BOB PROPERTY
0
250 km
UTM ZONE 9, NAD 83,105G/06
FILE: ...2018/Bob/Figures/F01_Property_Location.wor
DATE: February 2018
Deposits
ALASKA
YUKON TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
Dawson
Mayo
Faro
Carmacks
Ross River
Kudz Ze Kyah
F
BOB PROPERTY
Whitehorse
Haines Junction
Silvertip
F
Watson Lake
Skagway
Atlin



STRATEGIC METALS LTD.

FIGURE 2

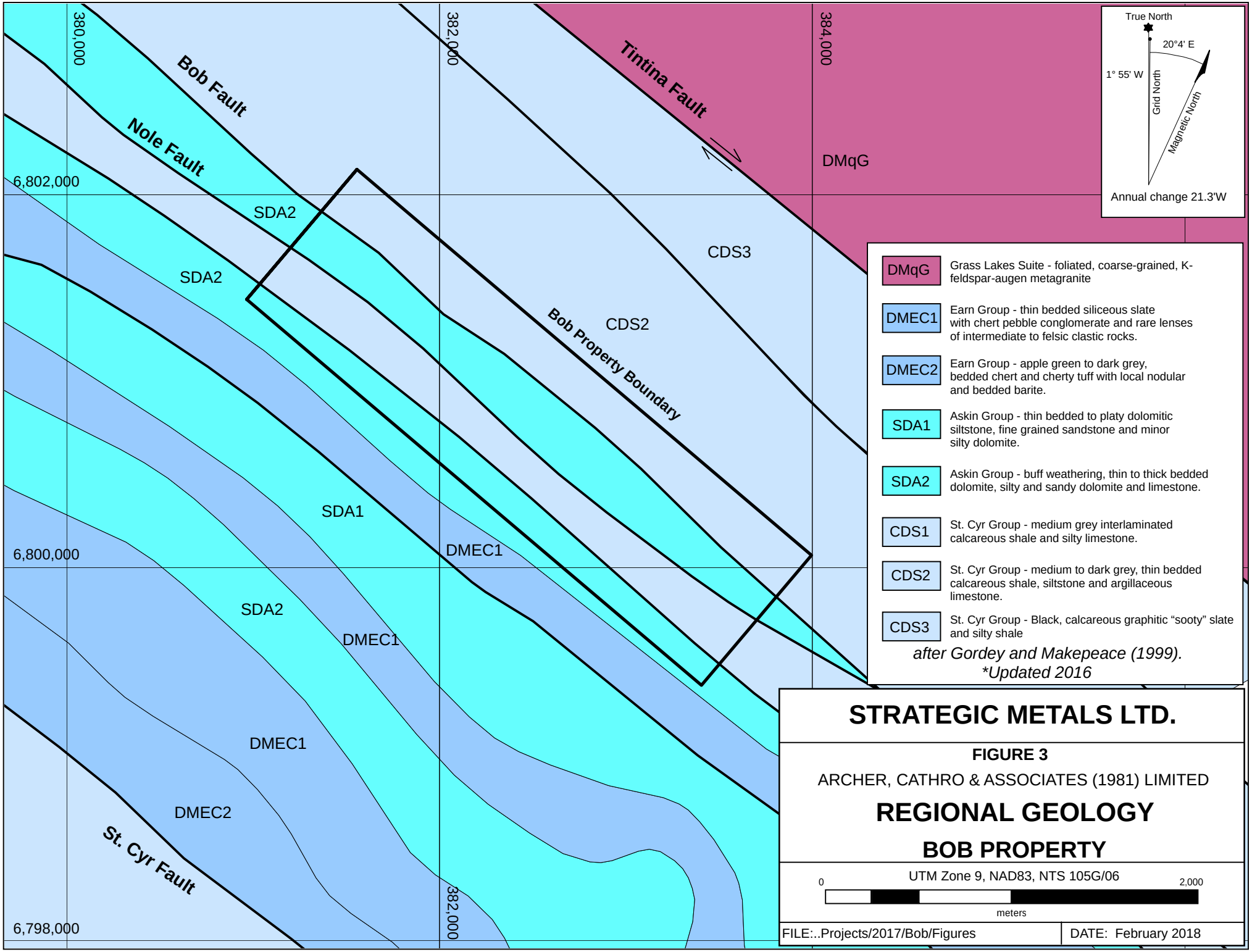
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

BOB PROPERTY

UTM Zone 9, NAD83, NTS 105G/06

FILE:..Projects/2017/Bob/Figures | DATE: February 2018


380,000
382,000
384,000
Bob Fault
Nole Fault
Tintina Fault
DMqG
6,802,000
SDA2
SDA2
CDS3
CDS2
Bob Property Boundary
SDA1
6,800,000
DMEC1
SDA2
DMEC1
DMEC1
DMEC2
St. Cyr Fault
6,798,000
382,000
True North
20°4' E
1° 55' W
Grid North
Magnetic North
Annual change 21.3'W
DMqG
Grass Lakes Suite - foliated, coarse-grained, K-feldspar-augen metagranite
DMEC1
Earn Group - thin bedded siliceous slate with chert pebble conglomerate and rare lenses of intermediate to felsic clastic rocks.
DMEC2
Earn Group - apple green to dark grey, bedded chert and cherty tuff with local nodular and bedded barite.
SDA1
Askin Group - thin bedded to platy dolomitic siltstone, fine grained sandstone and minor silty dolomite.
SDA2
Askin Group - buff weathering, thin to thick bedded dolomite, silty and sandy dolomite and limestone.
CDS1
St. Cyr Group - medium grey interlaminated calcareous shale and silty limestone.
CDS2
St. Cyr Group - medium to dark grey, thin bedded calcareous shale, siltstone and argillaceous limestone.
CDS3
St. Cyr Group - Black, calcareous graphitic “sooty” slate and silty shale
after Gordey and Makepeace (1999).
*Updated 2016
STRATEGIC METALS LTD.
FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
BOB PROPERTY
UTM Zone 9, NAD83, NTS 105G/06
0
2,000
meters
FILE:..Projects/2017/Bob/Figures
DATE: February 2018

STRATEGIC METALS LTD.

FIGURE 4

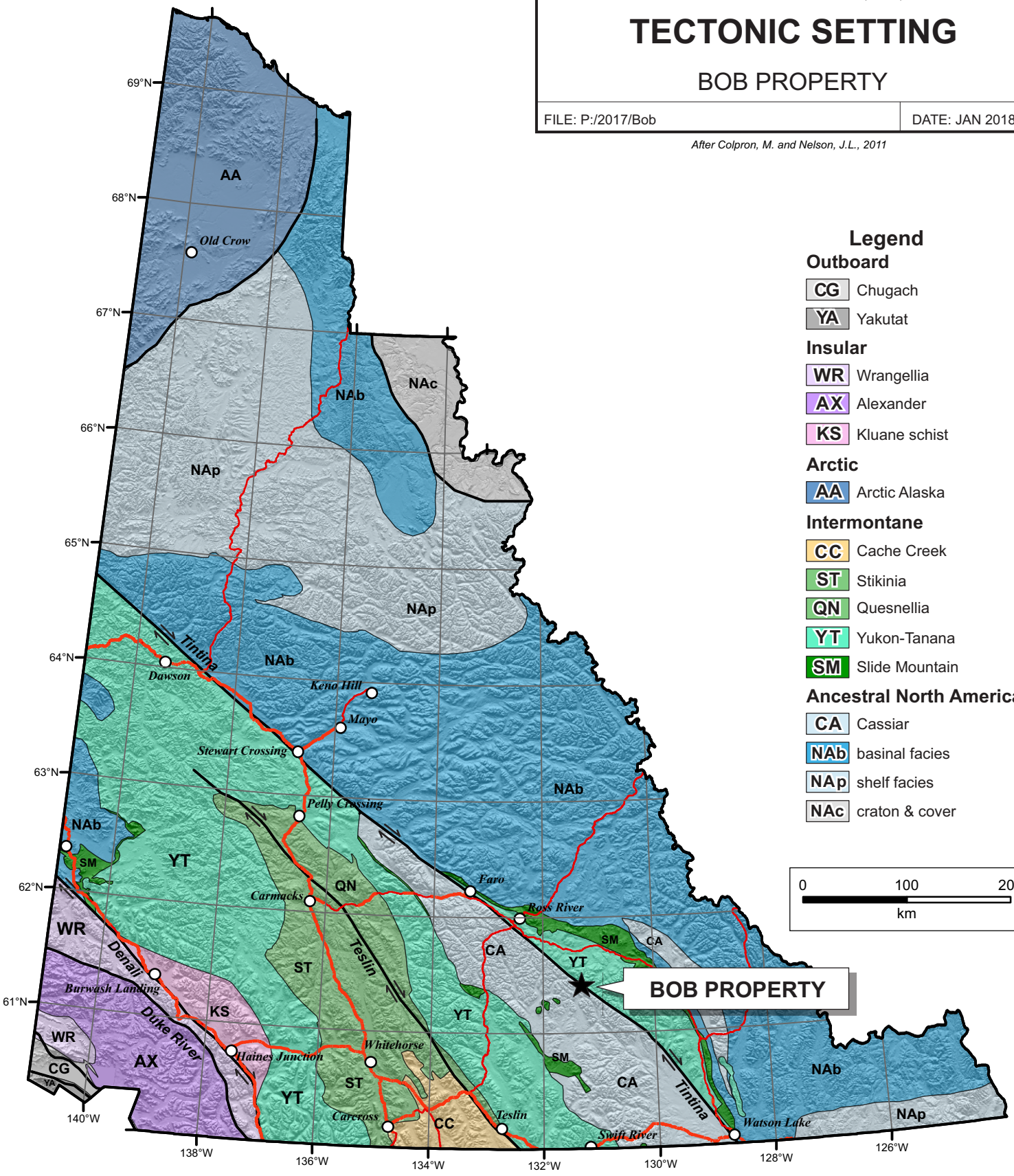
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

BOB PROPERTY

FILE: P:/2017/Bob | DATE: JAN 2018

After Colpron, M. and Nelson, J.L., 2011



Legend

Outboard

- CG Chugach
- YA Yakutat

Insular

- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic

- AA Arctic Alaska

Intermontane

- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

Ancestral North America

- CA Cassiar
- NAb basinal facies
- NAp shelf facies
- NAc craton & cover

381,000
382,000
383,000
6,801,000
6,800,000

True North
20°4' E
1° 55' W
Grid North
Magnetic North
Annual change 21.3'W

PROPERTY BOUNDARY

Sucrosic limestone with crinoids
Interbedded package of shale, siltstone and quartz-flooded phyllite
Siltstone with ferricrete cement
Shale
Sandy dolomite
Siltstone
NO97-1
NO97-2
Bob Fault
50% shale within ferricrete
Nole Fault
Large gossan with abundant ferricrete, mineralization surface staining, limonite boxwork in large boulders
Shale and siltstone
CAC Showing
15 m package of moderately well mineralized sandy dolomite. Fracture filling sphalerite and galena with bands and lenses of massive to semi-massive fine to medium grained galena
Siltstone
Shale talus
Completely folded shale with sharp fold noses, rusty surfaces, and millimeter sized carbonate bands
Bull quartz flood within shale
Black shiny phyllitic shale
Phyllite
Interbedded package of shale, siltstone and quartz-flooded phyllite
Shiny phyllite + slate

Fault
Inferred contact
Outcrop outline
Mineralization
Mineralized float
Drill collar

Breccia: dark reddish brown, iron oxide cemented talus, gossan.

4a (SDA2) Dolomite: greenish to bluish grey, buff brown to grey weathering, sugary, quartz arenaceous, brecciated; including dolomitic quartzite
4b (SDA2) Sandstone: grey-black, agrillaceous, fine grained, hard, veined with white quartz
4c (SDA2) Grit: light grey-brown weathering, limy, quartz arenaceous
1 (CDS2) Thinly interbedded argillaceous limestone, limy siltstone and shale, grey and orange-brown weathering, slaty to phyllitic
2 (CDS2) Bright orange weathering, part of above limestone unit
3a (CDS2) Limestone: grey-black to black, argillaceous, fetid, locally sandy, containing crinoid stems and rare corals
3b (CDS2) Siltstone: grey-black, carbonaceous, limy, finely laminated
3c (CDS2) Siltstone and shale: black, carbonaceous, calcareous and non-calcareous

STRATEGIC METALS LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

BOB PROPERTY

UTM ZONE 9, NAD 83, 105G/06

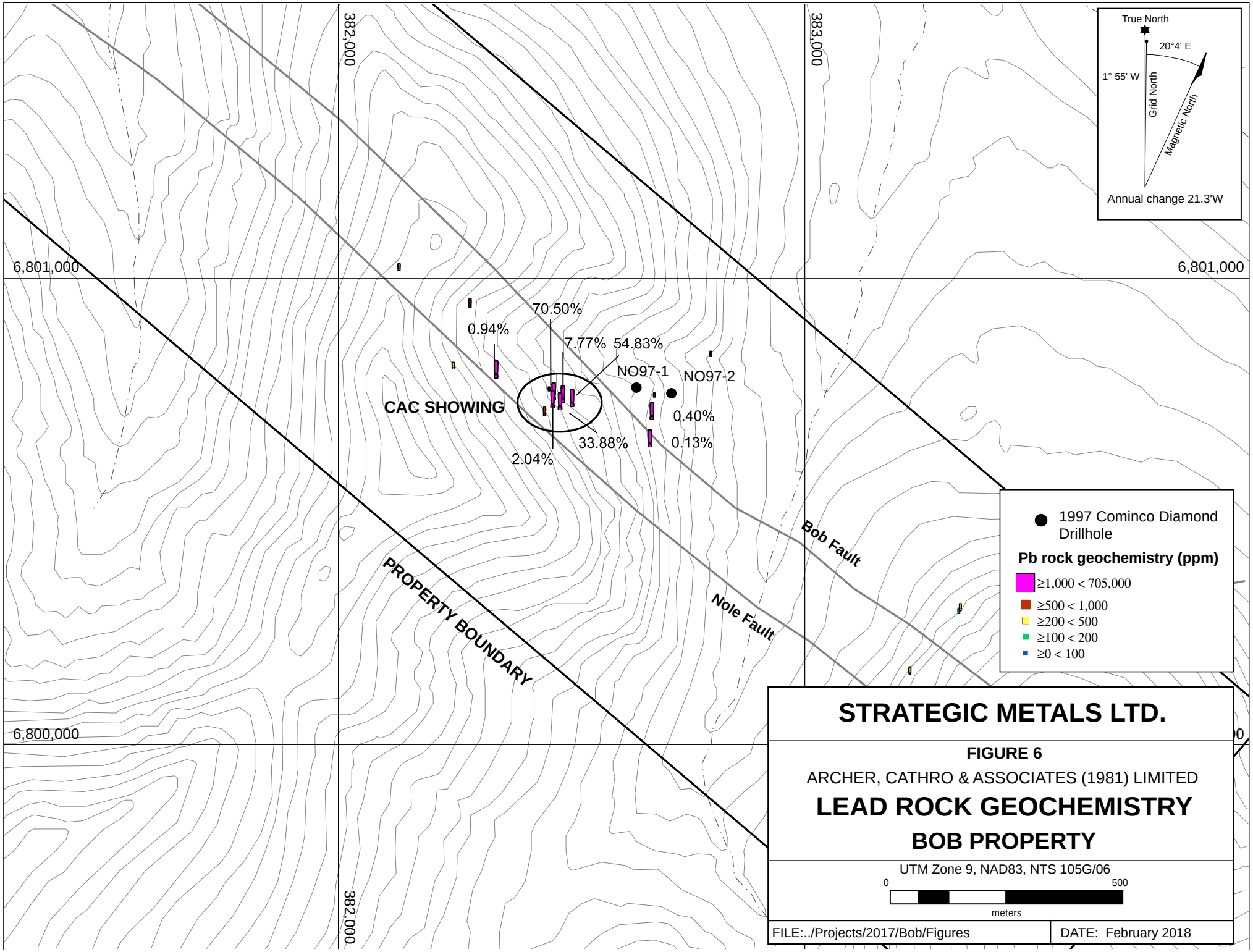
0 500

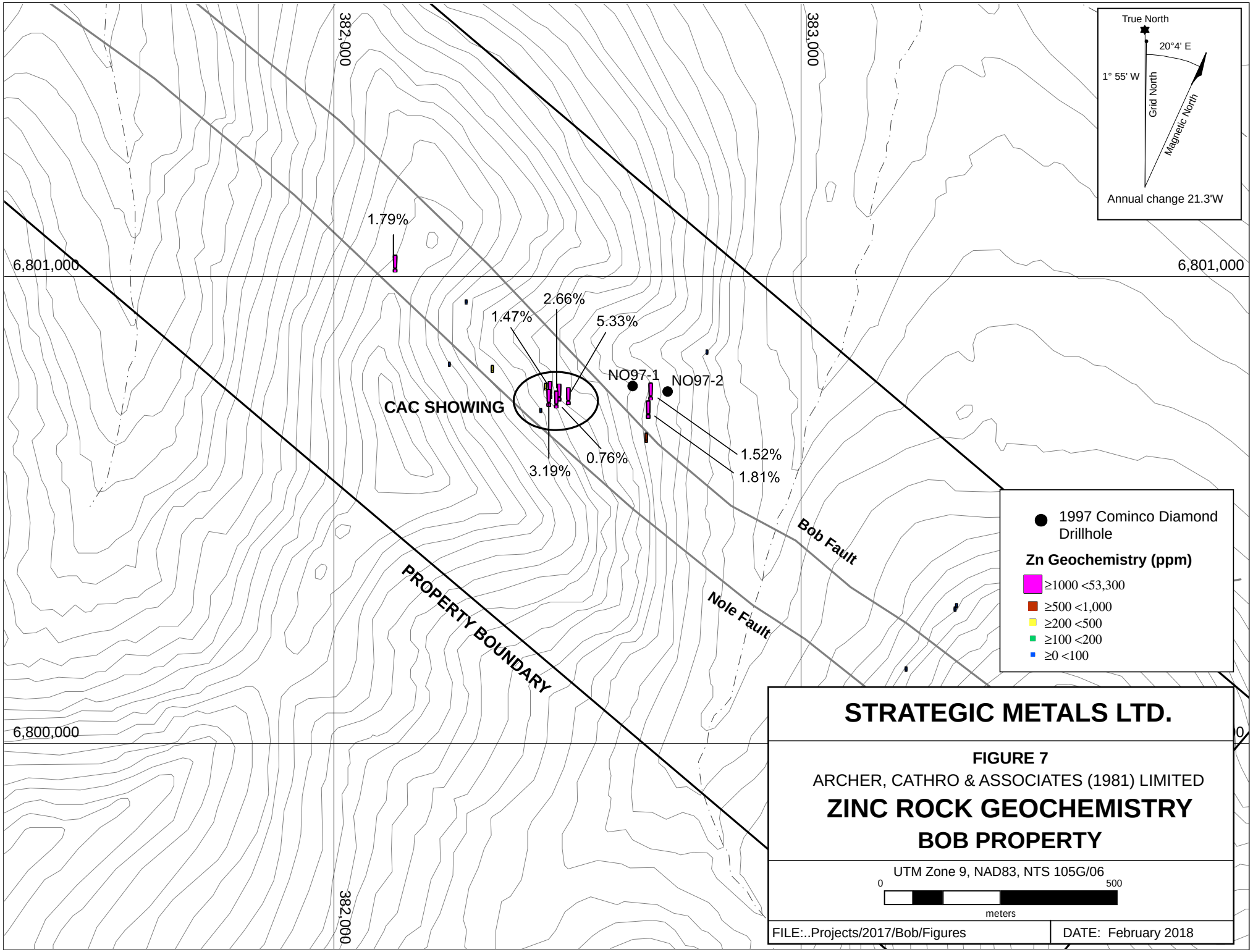
meters

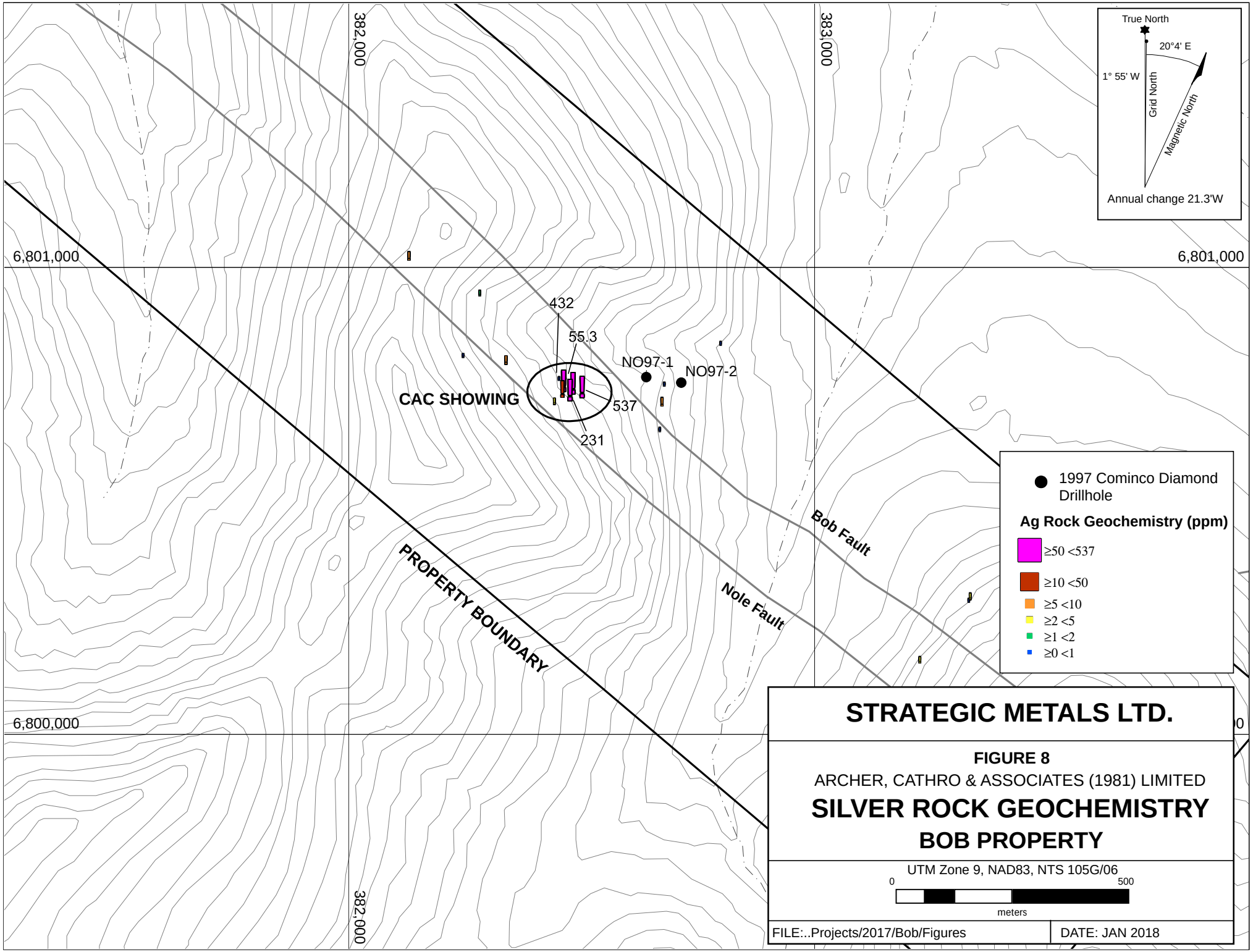
Scale 1:5,000

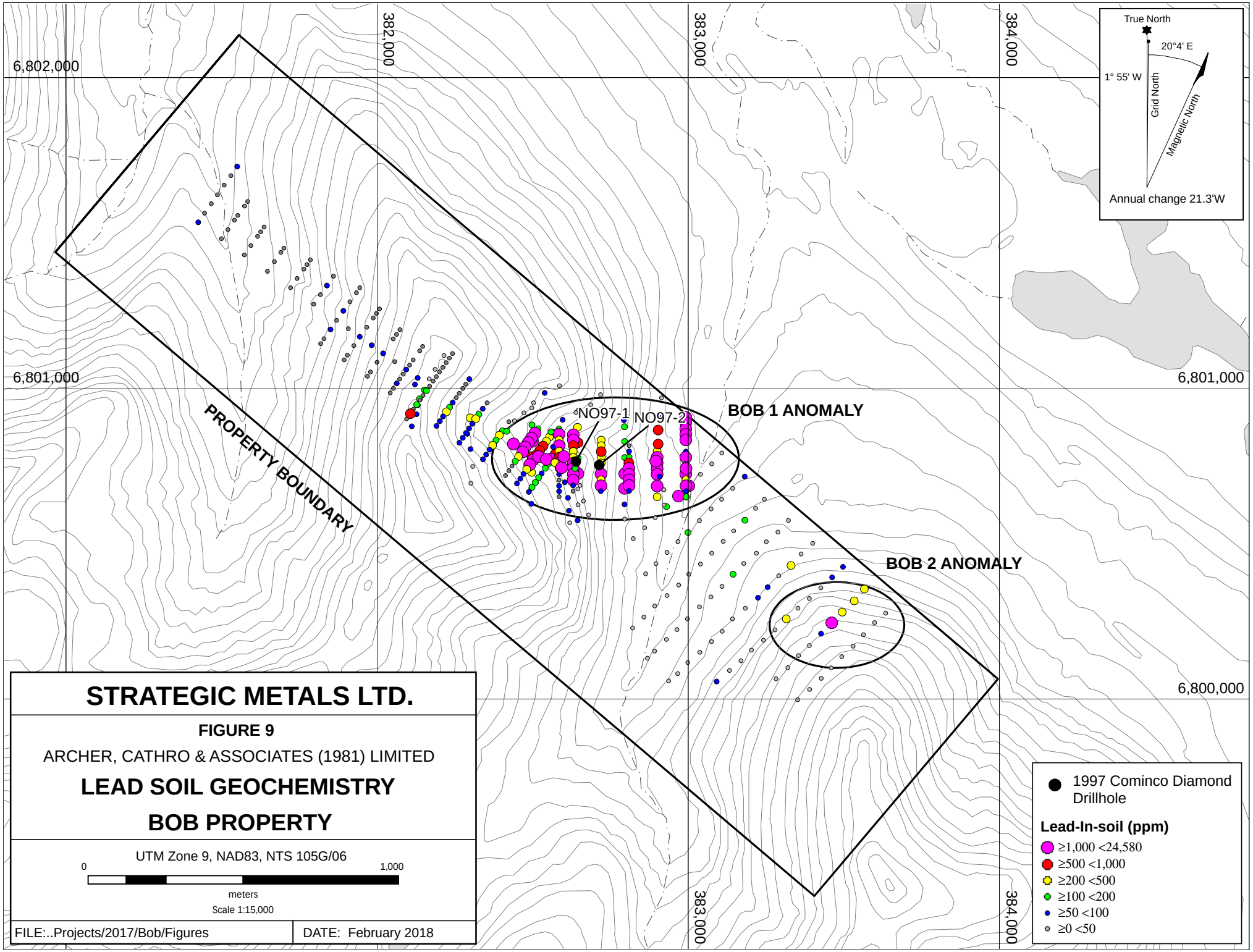
FILE: Projects/2017/Bob

DATE: February 2018


382,000
383,000
6,801,000
6,800,000
True North
20°4' E
1° 55' W
Grid North
Magnetic North
Annual change 21.3'W
70.50%
0.94%
7.77%
54.83%
NO97-1
NO97-2
CAC SHOWING
0.40%
33.88%
0.13%
2.04%
Bob Fault
Nole Fault
PROPERTY BOUNDARY
1997 Cominco Diamond Drillhole
Pb rock geochemistry (ppm)
≥1,000 < 705,000
≥500 < 1,000
≥200 < 500
≥100 < 200
≥0 < 100
STRATEGIC METALS LTD.
FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
LEAD ROCK GEOCHEMISTRY
BOB PROPERTY
UTM Zone 9, NAD83, NTS 105G/06
0
500
meters
FILE:../Projects/2017/Bob/Figures
DATE: February 2018


382,000
383,000
6,801,000
6,800,000
True North
20°4' E
1° 55' W
Grid North
Magnetic North
Annual change 21.3'W
1.79%
2.66%
1.47%
5.33%
NO97-1
NO97-2
CAC SHOWING
0.76%
3.19%
1.52%
1.81%
Bob Fault
Nole Fault
PROPERTY BOUNDARY
1997 Cominco Diamond Drillhole
Zn Geochemistry (ppm)
≥1000 <53,300
≥500 <1,000
≥200 <500
≥100 <200
≥0 <100
STRATEGIC METALS LTD.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
ZINC ROCK GEOCHEMISTRY
BOB PROPERTY
UTM Zone 9, NAD83, NTS 105G/06
0
500
meters
FILE:..Projects/2017/Bob/Figures
DATE: February 2018


382,000
383,000
6,801,000
6,800,000
True North
20°4' E
1° 55' W
Grid North
Magnetic North
Annual change 21.3'W
432
55.3
NO97-1
NO97-2
CAC SHOWING
537
231
Bob Fault
Nole Fault
PROPERTY BOUNDARY
1997 Cominco Diamond Drillhole
Ag Rock Geochemistry (ppm)
≥50 <537
≥10 <50
≥5 <10
≥2 <5
≥1 <2
≥0 <1
STRATEGIC METALS LTD.
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SILVER ROCK GEOCHEMISTRY
BOB PROPERTY
UTM Zone 9, NAD83, NTS 105G/06
0
500
meters
FILE:..Projects/2017/Bob/Figures
DATE: JAN 2018



STRATEGIC METALS LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD SOIL GEOCHEMISTRY

BOB PROPERTY

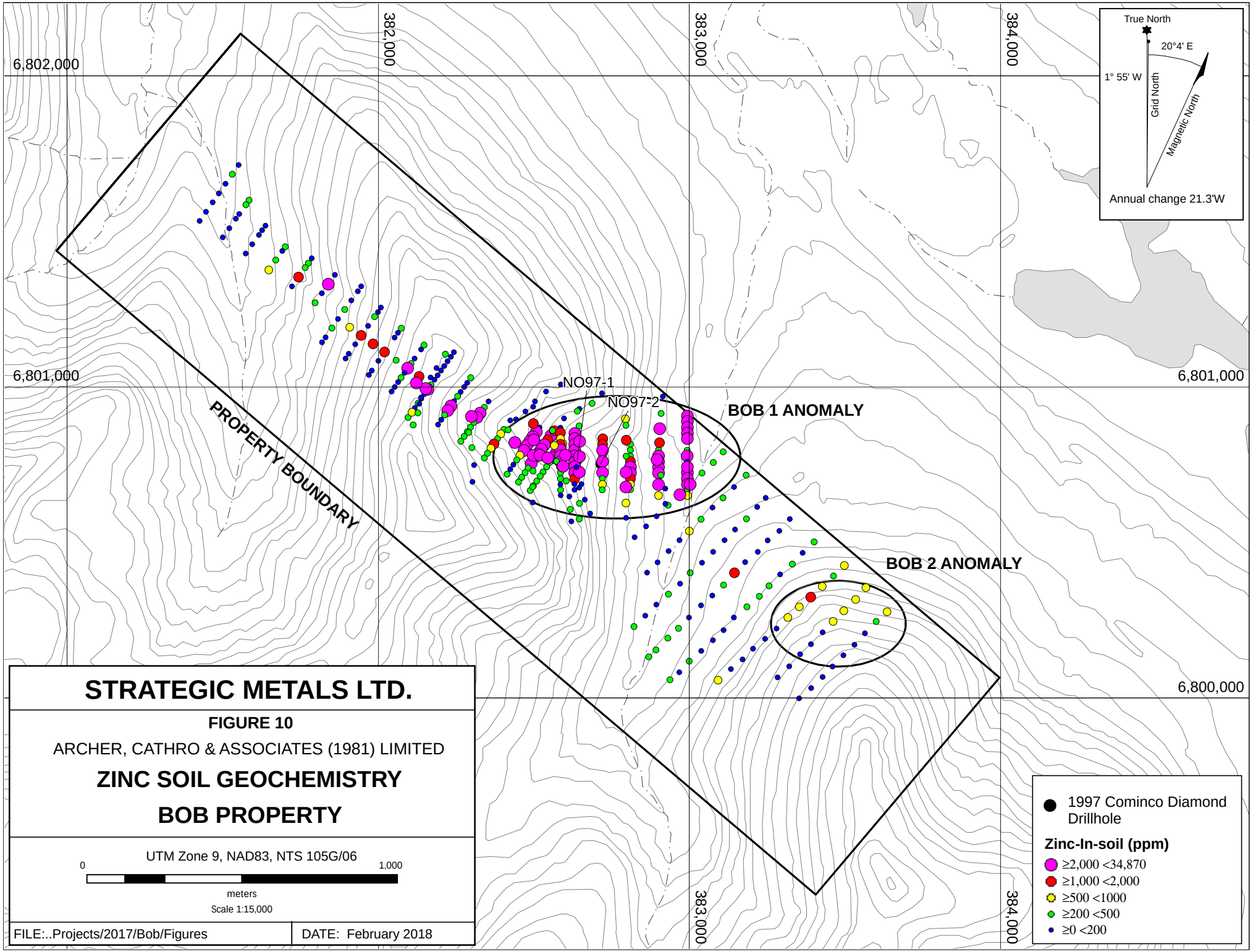
UTM Zone 9, NAD83, NTS 105G/06

0 1,000

meters

Scale 1:15,000

FILE:..Projects/2017/Bob/Figures | DATE: February 2018



STRATEGIC METALS LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ZINC SOIL GEOCHEMISTRY

BOB PROPERTY

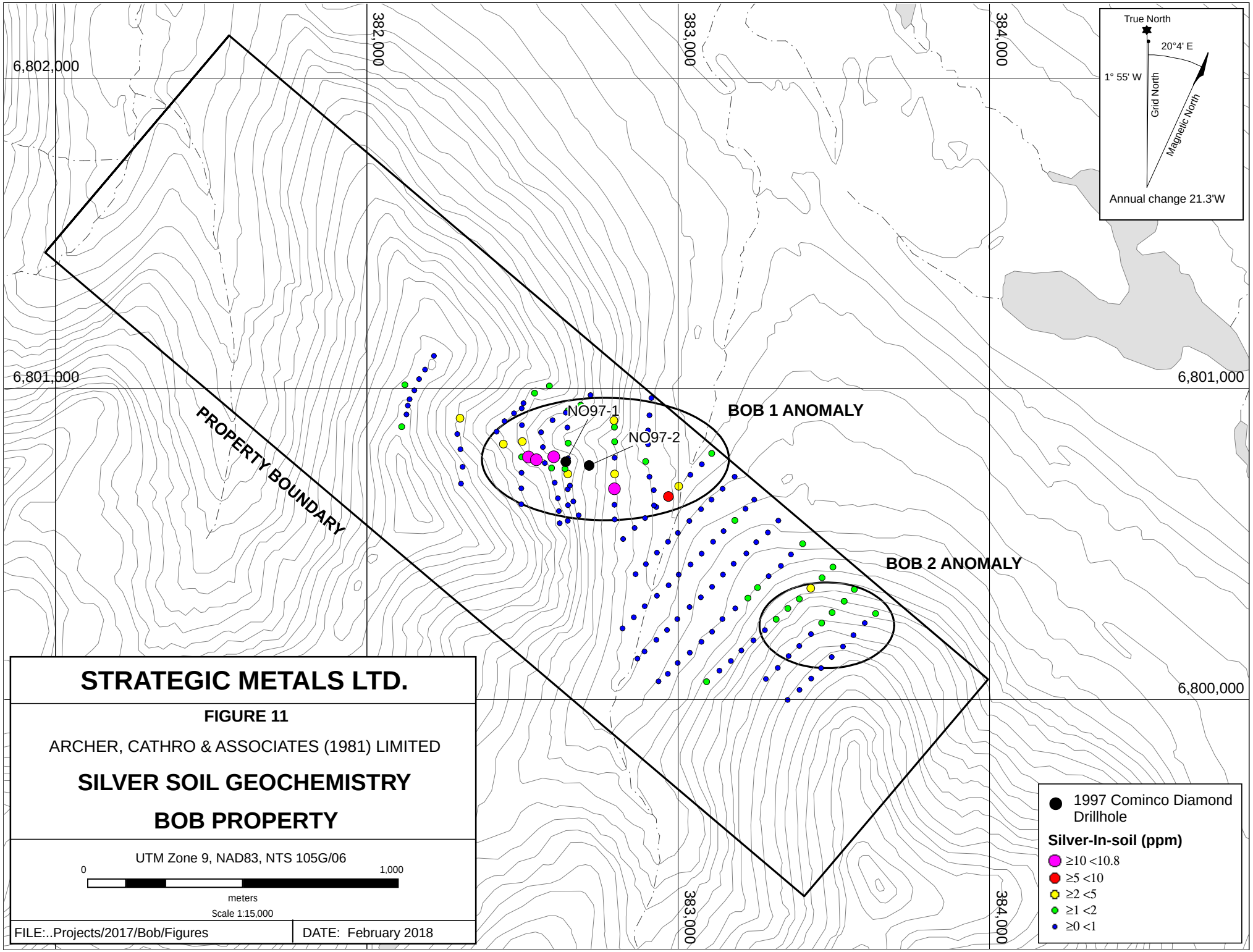
UTM Zone 9, NAD83, NTS 105G/06

0 1,000

meters

Scale 1:15,000

FILE:..Projects/2017/Bob/Figures | DATE: February 2018



STRATEGIC METALS LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

SILVER SOIL GEOCHEMISTRY

BOB PROPERTY

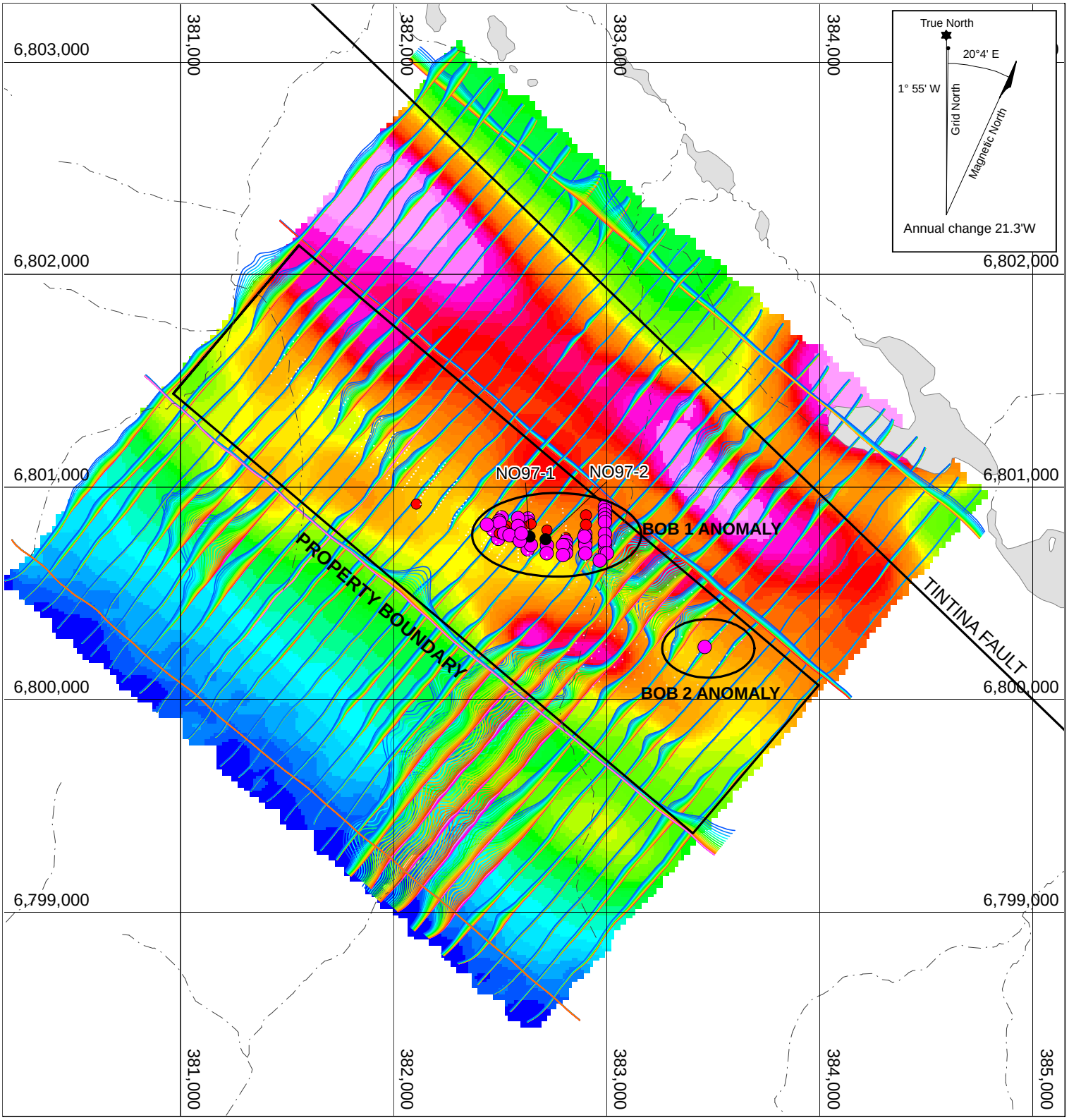
UTM Zone 9, NAD83, NTS 105G/06

0 1,000

meters

Scale 1:15,000

FILE:..Projects/2017/Bob/Figures | DATE: February 2018



● 1997 Cominco Diamond Drillholes

Lead-In-soil (ppm)

- ≥1,000 <24,580
- ≥500 <1,000

Profiles scale 1 mm = 0.5 pV/A/m^4
Linear between +/- 10 (pV/A/m^4)
logarithmic above 10 (pV/A/m^4)

0.234 ms
0.281 ms
0.339 ms
0.406 ms
0.484 ms
0.573 ms
0.682 ms
0.818 ms
0.974 ms
1.151 ms
1.370 ms
1.641 ms
1.953 ms
2.307 ms
2.745 ms
3.286 ms
3.911 ms
4.620 ms
5.495 ms
6.578 ms
7.828 ms
9.245 ms

57865 57852 57845 57840 57838 57836 57834 57832 57831 57828 57826 57825 57821 57819 57817 57816 57815 57813 57811 57809 57806 57804 57802 57800 57797 57795 57794 57790 57785 57781 57778 57776 57773 57771 57770 57768 (nT)

TMI

STRATEGIC METALS LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOPHYSICAL AND LEAD GEOCHEMICAL COMPILATION

BOB PROPERTY

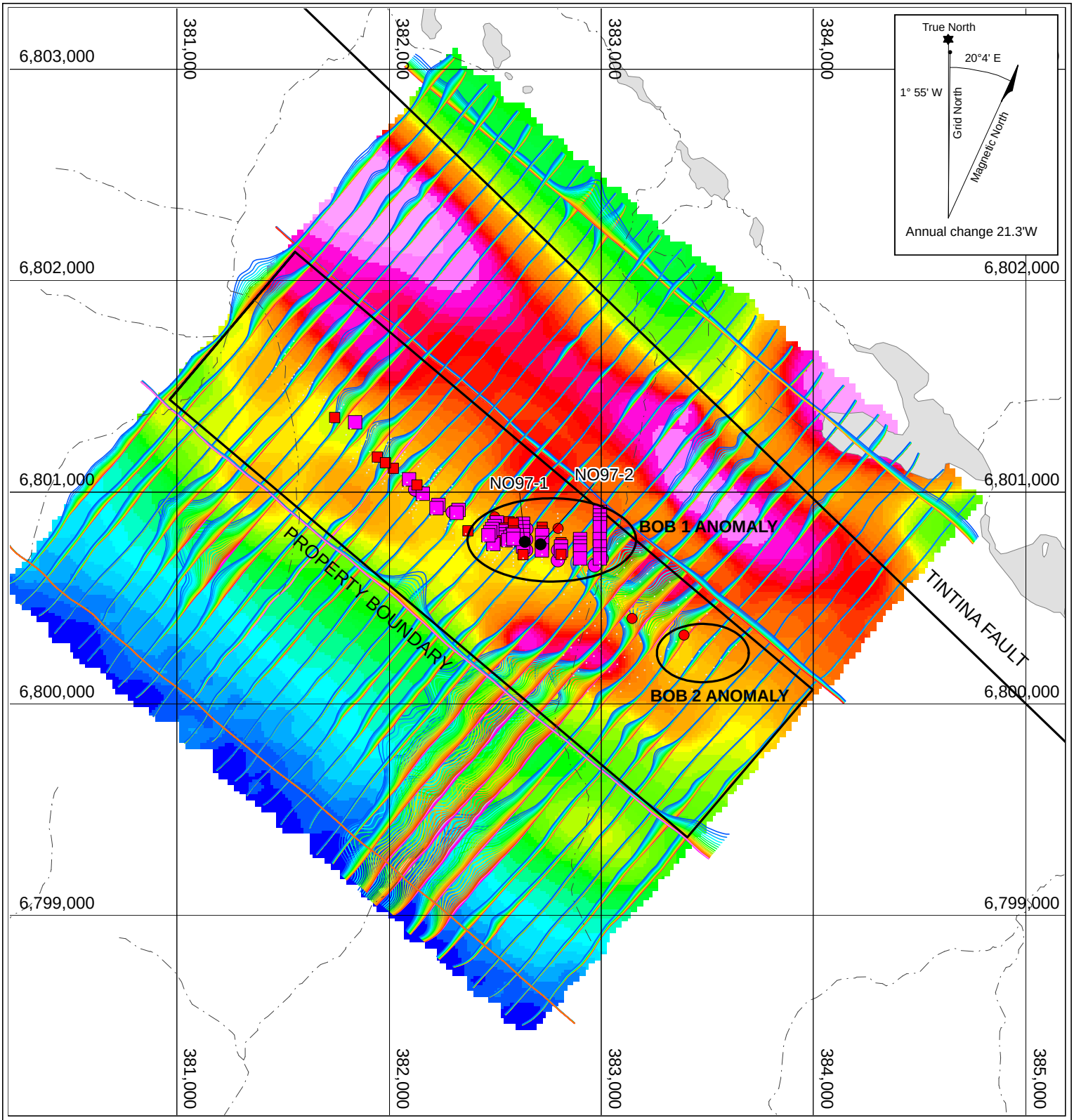
UTM ZONE 9, NAD 83, NTS 105G/06

0 2,000

meters

FILE: ...Projects/2017/Bob/Figures

DATE: February 2018



1997 Cominco Diamond Drillholes

Zinc-In-Soil (ppm)

- ≥2,000 < 34,870
- ≥1,000 < 2,000

Profiles scale 1 mm = 0.5 pV/A/m^4
Linear between +/- 10 (pV/A/m^4)
logarithmic above 10 (pV/A/m^4)

0.234 ms
0.281 ms
0.339 ms
0.406 ms
0.484 ms
0.573 ms
0.682 ms
0.818 ms
0.974 ms
1.151 ms
1.370 ms
1.641 ms
1.953 ms
2.307 ms
2.745 ms
3.286 ms
3.911 ms
4.620 ms
5.495 ms
6.578 ms
7.828 ms
9.245 ms

57865 57852 57845 57840 57838 57836 57834 57832 57831 57828 57826 57825 57821 57819 57817 57816 57815 57813 57811 57809 57806 57804 57802 57800 57797 57795 57794 57790 57785 57781 57778 57776 57773 57771 57770 57768 (nT)

TMI

STRATEGIC METALS LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GEOPHYSICAL AND ZINC GEOCHEMICAL COMPILATION

BOB PROPERTY

UTM ZONE 9, NAD 83, NTS 105G/06

0 2,000

meters

FILE: ...Projects/2017/Bob/Figures

DATE: February 2018